

ORDINANCE NO. 19-679

AN ORDINANCE OF THE CITY OF DENTON, A TEXAS HOME-RULE MUNICIPAL CORPORATION, AUTHORIZING THE CITY MANAGER TO EXECUTE A CONTRACT WITH INTEGRATED COMPUTER SYSTEMS, INC. FOR THE IMPLEMENTATION, LICENSING, AND VENDOR SUPPORT FOR A COMPUTER AIDED DISPATCH (CAD) AND LAW ENFORCEMENT RECORDS MANAGEMENT SYSTEM (RMS); PROVIDING FOR THE EXPENDITURE OF FUNDS THEREFOR; AND PROVIDING AN EFFECTIVE DATE (RFP 6400 - AWARDED TO INTEGRATED COMPUTER SYSTEMS, INC., FOR ONE (1) YEAR, WITH THE OPTION FOR FOUR (4) ADDITIONAL ONE (1) YEAR EXTENSIONS, IN THE TOTAL FIVE (5) YEAR NOT-TO-EXCEED AMOUNT OF \$3,090,863.53).

WHEREAS, the City has solicited, received, and evaluated competitive proposals for the implementation, licensing, and vendor support for a Computer Aided Dispatch (CAD) and Law Enforcement Records Management System (RMS) for the City of Denton; and

WHEREAS, the City Manager, or a designated employee, has received and reviewed and recommended that the herein described proposals are the most advantageous to the City considering the relative importance of price and the other evaluation factors included in the request for proposals; and

WHEREAS, the City Council has provided in the City Budget for the appropriation of funds to be used for the purchase of the materials, equipment, supplies or services approved and accepted herein; NOW, THEREFORE,

THE COUNCIL OF THE CITY OF DENTON HEREBY ORDAINS:

SECTION 1. The items in the following numbered request for proposal for materials, equipment, supplies or services, shown in the "Request Proposals" on file in the office of the Purchasing Agent, are hereby accepted and approved as being the most advantageous to the City considering the relative importance of price and the other evaluation factors included in the request for proposals.

| <u>RFP</u> <u>NUMBER</u> | <u>CONTRACTOR</u> | <u>AMOUNT</u> |
|-----------------------------|-----------------------------------|----------------|
| 6400 | Integrated Computer Systems, Inc. | \$3,090,863.53 |

SECTION 2. By the acceptance and approval of the above numbered items of the submitted proposals, the City accepts the offer of the persons submitting the proposals for such items and agrees to purchase the materials, equipment, supplies or services in accordance with the terms, specifications, standards, quantities and for the specified sums contained in the Proposal Invitations, Proposals, and related documents.

SECTION 3. Should the City and person submitting approved and accepted items and of the submitted proposals wish to enter into a formal written agreement as a result of the acceptance, approval, and awarding of the proposals, the City Manager, or his designated representative, is hereby authorized to execute the written contract; provided that the written contract is in accordance with the terms, conditions, specifications, standards, quantities and specified sums contained in the Proposal and related documents herein approved and accepted..

SECTION 4. The City Council of the City of Denton, hereby expressly delegates the authority to take any actions that may be required or permitted to be performed by the City of Denton under this ordinance to the City Manager of the City of Denton, or his designee.

SECTION 5. By the acceptance and approval of the above enumerated bids, the City Council hereby authorizes the expenditure of funds therefor in the amount and in accordance with the approved bids.

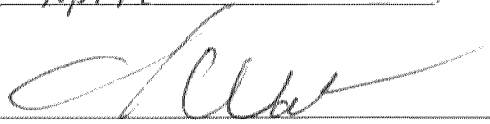
SECTION 6. This ordinance shall become effective immediately upon its passage and approval.

The motion to approve this ordinance was made by JOHN RYAN and seconded by DEB ARMINTOR, the ordinance was passed and approved by the following vote [-]:


| | Aye | Nay | Abstain | Absent |
|---------------------------------|---------------|---------------|----------------|---------------|
| Mayor Chris Watts: | <u>✓</u> | <u> </u> | <u> </u> | <u> </u> |
| Gerard Hudspeth, District 1: | <u>✓</u> | <u> </u> | <u> </u> | <u> </u> |
| Keely G. Briggs, District 2: | <u>✓</u> | <u> </u> | <u> </u> | <u> </u> |
| Don Duff, District 3: | <u> </u> | <u> </u> | <u> </u> | <u>✓</u> |
| John Ryan, District 4: | <u>✓</u> | <u> </u> | <u> </u> | <u> </u> |
| Deb Armintor, At Large Place 5: | <u>✓</u> | <u> </u> | <u> </u> | <u> </u> |
| Paul Meltzer, At Large Place 6: | <u>✓</u> | <u> </u> | <u> </u> | <u> </u> |

PASSED AND APPROVED this the 9th day of April, 2019.




CHRIS WATTS, MAYOR

ATTEST:
ROSA RIOS, CITY SECRETARY

BY: 

APPROVED AS TO LEGAL FORM:
AARON LEAL, CITY ATTORNEY

BY: 



Docusign City Council Transmittal Coversheet

| | |
|--------------------------|--------------------------------------|
| RFP | 6400 |
| File Name | Public Safety CAD,RMS, & MDS Systems |
| Purchasing Contact | Cindy Alonzo |
| City Council Target Date | April 9, 2019 |
| Piggy Back Option | No |
| Contract Expiration | April 9, 2024 |
| Ordinance | 19-679 |

**CONTRACT BY AND BETWEEN
CITY OF DENTON, TEXAS AND INTEGRATED COMPUTER SYSTEMS, INC.
(CONTRACT 6400)**

4/9/2019

THIS CONTRACT is made and entered into this date _____, by and between **INTEGRATED COMPUTER SYSTEMS, INC.**, a corporation, whose address is 3499 FM 1461, McKinney, Texas 75071, hereinafter referred to as "Contractor" or "Supplier" and the **CITY OF DENTON, TEXAS**, a home rule municipal corporation, hereinafter referred to as "City," to be effective upon approval of the Denton City Council and subsequent execution of this Contract by the Denton City Manager or his duly authorized designee.

For and in consideration of the covenants and agreements contained herein, and for the mutual benefits to be obtained hereby, the parties agree as follows:

SCOPE OF SERVICES

Supplier shall provide products and/or services in accordance with the City's document RFP 6400 - Supply and Implementation of Computer Aided Dispatch System, Law Enforcement Records Management System, and Mobile Data System, a copy of which is on file at the office of Purchasing Agent and incorporated herein for all purposes. The Contract consists of this written agreement and the following items which are attached hereto and incorporated herein by reference:

- (a) Special Terms and Conditions (**Exhibit "A"**);
- (b) City of Denton's RFP 6400 (**Exhibit "B" on File at the Office of the Purchasing Agent**);
- (c) City of Denton Standard Terms and Conditions (**Exhibit "C"**);
- (d) Insurance Requirements (**Exhibit "D"**);
- (e) Certificate of Interested Parties Electronic Filing (**Exhibit "E"**);
- (f) Contractor's Proposal (**Exhibit "F"**);
- (g) Contractor's Best and Final Offer Pricing (**Exhibit "G"**);
- (h) Contractor's Project Overview and Implementation Plan (**Exhibit "H"**);
- (i) Contractor's Implementation Timeline (**Exhibit "I"**);
- (j) Contractor's Software License Agreement (**Exhibit "J"**);
- (k) Contractor's Software Assurance Addendum (**Exhibit "K"**);
- (l) Form CIQ – Conflict of Interest Questionnaire (**Exhibit "L"**).

These documents make up the Contract documents and what is called for by one shall be as binding as if called for by all. In the event of an inconsistency or conflict in any of the provisions of the Contract documents, the inconsistency or conflict shall be resolved by giving precedence first to the written agreement then to the contract documents in the order in which they are listed above. These documents shall be referred to collectively as "Contract Documents."

Prohibition on Contracts with Companies Boycotting Israel

Supplier acknowledges that in accordance with Chapter 2270 of the Texas Government Code, City is prohibited from entering into a contract with a company for goods or services unless the contract contains a written verification from the company that it: (1) does not boycott Israel; and (2) will not boycott Israel during the term of the contract. The terms "boycott Israel" and "company" shall have the meanings ascribed

to those terms in Section 808.001 of the Texas Government Code. *By signing this agreement, Supplier certifies that Supplier's signature provides written verification to the City that Supplier: (1) does not boycott Israel; and (2) will not boycott Israel during the term of the agreement.* Failure to meet or maintain the requirements under this provision will be considered a material breach.

Prohibition On Contracts With Companies Doing Business with Iran, Sudan, or a Foreign Terrorist Organization

Section 2252 of the Texas Government Code restricts CITY from contracting with companies that do business with Iran, Sudan, or a foreign terrorist organization. *By signing this agreement, Supplier certifies that Supplier's signature provides written verification to the City that Supplier, pursuant to Chapter 2252, is not ineligible to enter into this agreement and will not become ineligible to receive payments under this agreement by doing business with Iran, Sudan, or a foreign terrorist organization.* Failure to meet or maintain the requirements under this provision will be considered a material breach.

The parties agree to transact business electronically. Any statutory requirements that certain terms be in writing will be satisfied using electronic documents and signing. Electronic signing of this document will be deemed an original for all legal purposes.

IN WITNESS WHEREOF, the parties of these presents have executed this agreement in the year and day first above written.

THIS AGREEMENT HAS BEEN
BOTH REVIEWED AND APPROVED
as to financial and operational obligations
and business terms.

DocuSigned by:
Melissa Kraft Melissa Kraft
8407288232BE40E...

SIGNATURE PRINTED NAME
Chief Technology Officer

TITLE
Technology Services

DEPARTMENT

APPROVED AS TO LEGAL FORM:
AARON LEAL, CITY ATTORNEY

DocuSigned by:
Mack Peinward
BY: 7F9D328BF0204E5...

ATTEST:
ROSA RIOS, CITY SECRETARY

DocuSigned by:
Rosa Rios
BY: 1C5CA8C5E175493...

CONTRACTOR

DocuSigned by:
Ray Sims
BY: BEF3A33EAF2437...

AUTHORIZED SIGNATURE

Date: 3/21/2019

Printed Name: Ray Sims

Title: President
214-544-0022 ext 321

PHONE NUMBER

ray@icsnews.com

EMAIL ADDRESS

2019-457982

TEXAS ETHICS COMMISSION
CERTIFICATE NUMBER

CITY OF DENTON, TEXAS

DocuSigned by:
Todd Hileman
BY: B778C711B40D454...

TODD HILEMAN
CITY MANAGER

Date: 4/10/2019

Exhibit A

Special Terms and Conditions

1. Total Contract Amount

The contract total for services shall not exceed \$3,090,863.53 for Supply and Implementation of Computer Aided Dispatch System, Law Enforcement Records Management System, and a Mobile Data System. Pricing shall be per Exhibit G attached. A Fire Records Management System is specifically excluded from the terms of this Contract and Supplier will not provide a Fire Records Management System to the City.

2. Contract Terms

The contract term will be one (1) year, effective from date of award. The City and the Supplier shall have the option to renew this contract for an additional four (4) one-year periods.

The contract shall commence upon the issuance of a Notice of Award by the City of Denton and shall automatically renew each year, from the date of award by City Council. At the sole option of the City of Denton, the contract may be further extended as needed, not to exceed a total of six (6) months.

3. Price Escalation and De-escalation

Prices quoted for the commodities or services described in the Contract must be firm for a period of one year from date of contract award. Any request for price adjustment must be based on the U.S Department of Labor, Bureau of Labor Statistics, Producer Price Index (PPI) for Data Management, Information Transformation, and Related Services (PCU5182105182104). The price will be increased or decreased based upon the annual percentage change in the PPI. The maximum escalation will not exceed +/- 8% for any individual year. The escalation will be determined annually at the renewal date. Should the PPI change exceed a minimum threshold value of +/-1%, then the stated eligible contract prices shall be adjusted in accordance with the PPI change not to exceed the 8% limit per year. The Contractor should provide documentation as percentage of each cost associated with the unit prices quoted for consideration.

Request must be submitted in writing with supporting evidence for need of such increase to the Purchasing Manager at least 60 days prior to contract expiration of each year. Contractor must also provide supporting documentation as justification for the request.

Upon receipt of such request, the City of Denton reserves the right to either: accept the escalation as competitive with the general market price at the time, and become effective upon the renewal date of the contract award or reject the increases within 30 calendar days after receipt of a properly submitted request. If a properly submitted increase is rejected, the Contractor may request cancellation of such items from the Contract by giving the City of Denton written notice. Cancellation will not go into effect for 15 calendar days after a determination has been issued. Pre-price increase prices must be honored on orders dated up to the official date of the City of Denton approval and/or cancellation.

The request can be sent by e-mail to: purchasing@cityofdenton.com noting the Contract number.

The City of Denton reserves the right to accept, reject, or negotiate the proposed price changes.

4. Service Level Obligations

- A. The Contractor shall make all hosted Contractor products available to the City for at least ninety-nine percent (99%) of the time (determined monthly), seven (7) days a week, twenty-four (24) hours per day, not including any unavailability that (i) results from failure of City's hardware or software; or (ii) results from the failure of a communication service or other outside service or equipment not within the control of Contractor. Obligations herein are for hosted Contractor products only. Hosted third-party products will have specific obligations in a separate agreement with the City.
 - 1. On a monthly basis, in arrears and no later than the fifteenth (15th) calendar day of the subsequent month following the reporting month, Contractor shall provide reports to City describing the performance of the services and of Contractor as compared to the service level standards described herein. The reports shall be in a form agreed-to by City, and, in no case, contain no less than the following information: (a) actual performance compared to the service level standard described herein; (b) the cause or basis for not meeting the service level standards described herein; (c) the specific remedial actions Contractor has undertaken or will undertake to ensure that the service level standards described herein will be subsequently achieved; and any performance credit due to City as described herein. Contractor and City will meet as often as shall be reasonably requested by City to review the performance of Contractor as it relates to the service level standards described herein. Contractor shall, without charge to City, make City's historical service level standard reports to City upon request.
 - 2. City shall be due a performance credit in the amount of 20% of the service fees (as calculated on a monthly basis for the reporting month) for each full 1% reduction in percentage uptime. Notwithstanding the foregoing, Contractor will use its best efforts to minimize the impact or duration of any outage, interruption, or degradation of service.
- B. Data Backup. In recognition that Contractor's provision of the hosted Contractor products may be interrupted as a result of an act of God, events beyond the reasonable control of Contractor, errors by Contractor's staff, or a defect in the Contractor products, Contractor agrees to maintain a commercially reasonable backup plan for the Contractor hosted products and City's data, whereby Contractor can execute a recovery of the hosted Contractor products and City's data as a result of such interruption.

5. Integration, Data Control, Import, Export and Location

The Contractor shall support standard integration techniques such as web services (SOAP, REST, XML) for exchanging structured information or automated programming interfaces (APIs). City

shall be permitted to access and use Contractor's APIs to develop and modify, as necessary, macros and user interfaces for use with any existing or future City systems and infrastructure. For purposes of this Agreement, such development shall be deemed an authorized modification but will not be supported by Contractor unless provided for in this Agreement. Functionality and compatibility of City developed macros will be sole responsibility of City. Any such macros or user interfaces developed by City shall become the property of City.

The method and means of providing the services shall be under the exclusive control, management, and supervision of the Contractor, giving due consideration to the requests of City. The services (including data storage), shall be provided by Contractor or any previously approved subcontractor, solely from within the continental United States and on computing and data storage devices residing therein.

The Contractor shall ensure that all electronic transmission or exchange of system and application data with City and/or any other parties expressly designated by City shall take place via encrypted secure means. The Contractor shall also ensure that all data exchanged shall be used expressly and solely for the purposes enumerated in the Agreement. Data shall not be distributed, repurposed or shared across other applications, environments, or business units of the Contractor. The Contractor shall ensure that no City data of any kind shall be copied, modified, destroyed, deleted, transmitted, exchanged or otherwise passed to other vendors or interested parties except on a case-by-case basis as specifically agreed to in writing by City. Access to City data by Contractor from outside the continental United States is prohibited.

6. Transition and Content Disposition

Upon expiration or termination of the services under this Agreement:

- A. The Contractor may immediately discontinue the services and City shall immediately cease accessing the services and application. Contractor shall within five (5) calendar days of the expiration or termination of the services return City's data in an agreed-upon machine readable format. This provision shall also apply to all City data that is in the possession of subcontractors, agents or auditors of Contractor. Such data transfer shall be done at no cost to the City. Once Contractor has received written confirmation from City that City's data has been successfully transferred to City, Contractor shall within thirty (30) calendar days purge or physically destroy all City data from its hosted servers or files and provide City with written certification within five (5) calendar days that such purge and/or physical destruction has occurred. Secure disposal shall be accomplished by "purging" or "physical destruction," in accordance with National Institute of Standards and Technology Special Publication 800-88 or most current industry standard.
- B. The Contractor shall provide to City and/or a successor service provider assistance requested by City to effect the orderly transition of the services, in whole or in part, to City or to the successor service provider. During the transition period, the application and City data access shall continue to be made available to City without alteration. Such transition services shall be provided on a time and materials basis if the City opts to

return to its own servers or City chooses a successor service provider. This Section shall survive the termination of this Agreement.

7. Data Security

Contractor shall at all times during the term provide and maintain up-to-date security with respect to (a) the services, (b) the Contractor's website, software and applications, (c) Contractor's physical facilities, and (d) Contractor's networks, to prevent unauthorized access or "hacking" of City's data. Contractor shall provide security for its networks and all Internet connections consistent with best practices observed by well-managed applications and software working in the financial services industry, and will promptly install all patches, fixes, upgrades, updates and new versions of any security software it employs. Contractor will maintain appropriate safeguards to restrict access to City's data to those employees, agents or service providers of Contractor who need the information to carry out the purposes for which it was disclosed to Contractor. For information disclosed in electronic form, Contractor agrees that appropriate safeguards include electronic barriers (e.g., "firewalls", Transport Layer Security (TLS), Secure Socket Layer [SSL] encryption, or most current industry standard encryption, intrusion prevention/detection or similar barriers) and secure authentication (e.g. password protected) access to the City's Confidential Information (as defined in the Standard Purchase Terms and Conditions) and hosted City data. For information disclosed in written form, Contractor agrees that appropriate safeguards include secured storage of City's data. City's data classified as Confidential Information shall be encrypted at rest and in transit with controlled access. Contractor also will establish and maintain any additional physical, electronic, administrative, technical and procedural controls and safeguards to protect the City's data that are no less rigorous than accepted industry practices (including, as periodically amended or updated, the International Organization for Standardization's standards: ISO/IEC 27001:2005 – Information Security Management Systems – Requirements and ISO-IEC 27002:2005 – Code of Practice for International Security Management, National Institute of Standards and Technology (NIST) Special Publication 800-53 Revision 4 or its successor, the Information Technology Library (ITIL) standards, the Control Objectives for Information and related Technology (COBIT) standards or other applicable industry standards for information security), and shall ensure that all such controls and safeguards, including the manner in which Confidential Information is collected, accessed, used, stored, processed, disposed of and disclosed, comply with applicable data protection and privacy laws, as well as the terms and conditions of this Agreement.

8. Intellectual Property Rights and License:

- A. **PRODUCT:** All materials, including, but not limited to, software, programs, source code and object code, comments to the source or object code, specifications, documents, abstracts and summaries thereof (collectively, the "Products") developed by vendor in connection with the provision of the Services to City, or jointly by City and Supplier, or by Supplier pursuant to specifications or instructions provided by City, shall belong exclusively to Supplier. City acknowledges that the Products shall be deemed "works made for hire" by Vendor for City, and, therefore, shall be the exclusive property of Supplier.
- B. **PRE-EXISTING INTELLECTUAL PROPERTY:** Notwithstanding any provision of this Agreement to the contrary, any routines, methodologies, processes, libraries, tools or technologies created, adapted or used by Supplier in its business generally, including all associated intellectual property rights (collectively, the "Development Tools"), shall be and

remain the sole property of Supplier, and the City shall have no interest in or claim to the Development Tools, except as necessary to exercise its rights in the Products. In addition, notwithstanding any provision of this Agreement to the contrary, Supplier shall be free to use any ideas, concepts, or know-how developed or acquired by Supplier during the performance of this Agreement to the extent obtained and retained by Supplier's personnel as impression and general learning. Subject to and limited by City's intellectual property rights described in Section 8.a above, nothing in this Agreement shall be construed to preclude vendor from using the Development Tools for use with third parties for the benefit of vendor.

- C. **THIRD PARTY LICENSES:** In addition to any other fees set forth in this Agreement, the City shall be required to purchase any applicable third party licenses for any third party products that are necessary for vendor to design and develop the Product. Such third party products may include, but are not limited to: server-side applications, clip art, "back-end" applications, music, stock images, or any other copyrighted work which vendor deems necessary to purchase on behalf of the City to design and develop the Product. In the event any such third party product causes the Contract amount to exceed the amount listed in Exhibit A, Section 1, the vendor shall obtain the City's prior written consent before incorporating such third party product into the product. The Supplier shall provide the City with a list of all third party products upon launch of the product.

Exhibit C

Standard Purchase Terms and Conditions

These standard Terms and Conditions and the Terms and Conditions, Specifications, Drawings and other requirements included in the City of Denton's contract are applicable to contracts/purchase orders issued by the City of Denton hereinafter referred to as the City or Buyer and the Seller or respondent herein after referred to as Contractor or Supplier. Any deviations must be in writing and signed by a representative of the City's Procurement Department and the Supplier.

The Contractor agrees that the contract shall be governed by the following terms and conditions in Exhibit F, Exhibit J and Exhibit K, unless exceptions are duly noted and fully negotiated. Unless otherwise specified in the contract, Sections 3, 4, 5, 6, 7, 8, 20, 21, and 36 shall apply only to a solicitation to purchase goods, and sections 9, 10, 11, 22 and 32 shall apply only to a solicitation to purchase services to be performed principally at the City's premises or on public rights-of-way.

1. **CONTRACTOR'S OBLIGATIONS.** The Contractor shall fully and timely provide all deliverables described in the Solicitation and in the Contractor's Offer in strict accordance with the terms, covenants, and conditions of the Contract and all applicable Federal, State, and local laws, rules, and regulations, except where delays are caused by the performance of the City.

2. **EFFECTIVE DATE/TERM.** Unless otherwise specified in the Solicitation, this Contract shall be effective as of the date the contract is signed by the City, and shall continue in effect until all obligations are performed in accordance with the Contract.

3. **CONTRACTOR TO PACKAGE DELIVERABLES:** In the event software is shipped via package delivery, the Contractor will package deliverables in accordance with good commercial practice and shall include a packing list showing the description of each item, the quantity and unit price unless otherwise provided in the Specifications or Supplemental Terms and Conditions, each shipping container shall be clearly and permanently marked as follows: (a) The Contractor's name and address, (b) the City's name, address and purchase order or purchase release number and the price agreement number if applicable, (c) Container number and total number of containers, e.g. box 1 of 4 boxes, and (d) the number of the container bearing the packing list. The Contractor shall bear cost of packaging. Deliverables shall be suitably packed to secure lowest transportation costs and to conform to all the requirements of common carriers and any applicable specification. The City's count or weight shall be final and conclusive on shipments not accompanied by packing lists.

4. **SHIPMENT UNDER RESERVATION PROHIBITED:** The Contractor is not authorized to ship the deliverables under reservation and no tender of a bill of lading will operate as a tender of deliverables.

5. **TITLE & RISK OF LOSS:** Title to and risk of loss of the deliverables shall pass to the City only when the City actually receives and accepts the deliverables.

6. **DELIVERY TERMS AND TRANSPORTATION CHARGES:** Deliverables shall be shipped F.O.B. point of delivery unless otherwise specified in the Supplemental Terms and

Conditions. Unless otherwise stated in the Offer, the Contractor's price shall be deemed to include all delivery and transportation charges. The City shall have the right to designate what method of transportation shall be used to ship the deliverables. The place of delivery shall be that set forth the purchase order.

7. RIGHT OF INSPECTION AND REJECTION: The City expressly reserves all rights under law, including, but not limited to the Uniform Commercial Code, to inspect the deliverables at delivery before accepting them, and to reject defective or non-conforming deliverables. If the City has the right to inspect the Contractor's, or the Contractor's Subcontractor's, facilities, or the deliverables at the Contractor's, or the Contractor's Subcontractor's, premises, the Contractor shall furnish, or cause to be furnished, without additional charge, all reasonable facilities and assistance to the City to facilitate such inspection.

8. NO REPLACEMENT OF DEFECTIVE TENDER: Every tender or delivery of deliverables must fully comply with all provisions of the Contract as to time of delivery, quality, and quantity. Any non-complying tender shall constitute a breach and the Contractor shall not have the right to substitute a conforming tender; provided, where the time for performance has not yet expired, the Contractor may notify the City of the intention to cure and may then make a conforming tender within the time allotted in the contract.

9. PLACE AND CONDITION OF WORK: The City shall provide the Contractor access to the sites where the Contractor is to perform the services as required in order for the Contractor to perform the services in a timely and efficient manner, in accordance with and subject to the applicable security laws, rules, and regulations. The Contractor acknowledges that it has satisfied itself as to the nature of the City's service requirements and specifications, the location and essential characteristics of the work sites, the quality and quantity of materials, equipment, labor and facilities necessary to perform the services, and any other condition or state of fact which could in any way affect performance of the Contractor's obligations under the contract. The Contractor hereby releases and holds the City harmless from and against any liability or claim for damages of any kind or nature if the actual site or service conditions differ from expected conditions.

The contractor shall, at all times, exercise reasonable precautions for the safety of their employees, City Staff, participants and others on or near the City's facilities.

10. WORKFORCE

A. The Contractor shall employ only orderly and competent workers, skilled in the performance of the services which they will perform under the Contract.

B. The Contractor, its employees, subcontractors, and subcontractor's employees may not while engaged in participating or responding to a solicitation or while in the course and scope of delivering goods or services under a City of Denton contract or on the City's property .

i. use or possess a firearm, including a concealed handgun that is licensed under state law, except as required by the terms of the contract; or

ii. use or possess alcoholic or other intoxicating beverages, illegal drugs or controlled substances, nor may such workers be intoxicated, or under the influence of alcohol or drugs, on the job.

C. If the City or the City's representative notifies the Contractor that any worker is incompetent, disorderly or disobedient, has knowingly or repeatedly violated safety regulations, has possessed any firearms, or has possessed or was under the influence of alcohol or drugs on the job, the

Contractor shall immediately remove such worker from Contract services, and may not employ such worker again on Contract services without the City's prior written consent.

Immigration: The Contractor represents and warrants that it shall comply with the requirements of the Immigration Reform and Control Act of 1986 and 1990 regarding employment verification and retention of verification forms for any individuals hired on or after November 6, 1986, who will perform any labor or services under the Contract and the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 ("IIRIRA") enacted on September 30, 1996.

11. COMPLIANCE WITH HEALTH, SAFETY, AND ENVIRONMENTAL REGULATIONS: The Contractor, its Subcontractors, and their respective employees, shall comply fully with all applicable federal, state, and local health, safety, and environmental laws, ordinances, rules and regulations in the performance of the services, including but not limited to those promulgated by the City and by the Occupational Safety and Health Administration (OSHA). In case of conflict, the most stringent safety requirement shall govern. The Contractor shall indemnify and hold the City harmless from and against all claims, demands, suits, actions, judgments, fines, penalties and liability of every kind arising from the breach of the Contractor's obligations under this paragraph.

Environmental Protection: The Respondent shall be in compliance with all applicable standards, orders, or regulations issued pursuant to the mandates of the Clean Air Act (42 U.S.C. §7401 *et seq.*) and the Federal Water Pollution Control Act, as amended, (33 U.S.C. §1251 *et seq.*).

12. INVOICES:

A. The Contractor shall submit separate invoices in duplicate or via e-mail on each purchase order or purchase

release after each delivery. If partial shipments or deliveries are authorized by the City, a separate invoice must be sent for each shipment or delivery made.

B. **Proper Invoices must include a unique invoice number, the purchase order or delivery order number and the master agreement number if applicable, the Department's Name, and the name of the point of contact for the Department.** Invoices shall be itemized and transportation charges, if any, shall be listed separately. A copy of the bill of lading and the freight waybill, when applicable, shall be attached to the invoice. The Contractor's name, remittance address and, if applicable, the tax identification number on the invoice must exactly match the information in the Vendor's registration with the City. Unless otherwise instructed in writing, the City may rely on the remittance address specified on the Contractor's invoice.

C. Invoices for labor shall include a copy of all time-sheets with trade labor rate and deliverables order number clearly identified. Invoices shall also include a tabulation of work-hours at the appropriate rates and grouped by work order number. Time billed for labor shall be limited to hours actually worked at the work site.

D. Unless otherwise expressly authorized in the Contract, the Contractor shall pass through all Subcontract and other authorized expenses at actual cost without markup.

E. Federal excise taxes, State taxes, or City sales taxes must not be included in the invoiced amount.

The City will furnish a tax exemption certificate upon request.

13. PAYMENT:

A. All proper invoices need to be sent to Accounts Payable. Approved invoices will be paid within thirty (30) calendar days of the City's receipt of the deliverables or of the invoice being received

Contract # 6400

in Accounts Payable, whichever is later.

B. If payment is not timely made, (per paragraph A); interest shall accrue on the unpaid balance at the lesser of the rate specified in Texas Government Code Section 2251.025 or the maximum lawful rate; except, if payment is not timely made for a reason for which the City may withhold payment hereunder, interest shall not accrue until ten (10) calendar days after the grounds for withholding payment have been resolved.

C. If partial shipments or deliveries are authorized by the City, the Contractor will be paid for the partial shipment or delivery, as stated above, provided that the invoice matches the shipment or delivery.

D. The City may withhold or set off the entire payment or part of any payment otherwise due the Contractor to such extent as may be necessary on account of:

- i. delivery of defective or non-conforming deliverables by the Contractor;
- ii. third party claims, which are not covered by the insurance which the Contractor is required to provide, are filed or reasonable evidence indicating probable filing of such claims;
- iii. failure of the Contractor to pay Subcontractors, or for labor, materials or equipment;
- iv. damage to the property of the City or the City's agents, employees or contractors, which is not covered by insurance required to be provided by the Contractor;
- v. reasonable evidence that the Contractor's obligations will not be completed within the time specified in the Contract, and that the unpaid balance would not be adequate to cover actual or damages for the anticipated delay;
- vi. failure of the Contractor to submit proper invoices with purchase order number, with all required attachments and supporting documentation; or
- vii. failure of the Contractor to comply with any material provision of the Contract Documents.

E. Notice is hereby given that any awarded firm who is in arrears to the City of Denton for delinquent taxes, the City may offset indebtedness owed the City through payment withholding.

F. Payment will be made by check unless the parties mutually agree to payment by credit card or electronic transfer of funds. The Contractor agrees that there shall be no additional charges, surcharges, or penalties to the City for payments made by credit card or electronic funds transfer.

G. The awarding or continuation of this contract is dependent upon the availability of funding. The City's payment obligations are payable only and solely from funds Appropriated and available for this contract. The absence of Appropriated or other lawfully available funds shall render the Contract null and void to the extent funds are not Appropriated or available and any deliverables delivered but unpaid shall be returned to the Contractor. The City shall provide the Contractor written notice of the failure of the City to make an adequate Appropriation for any fiscal year to pay the amounts due under the Contract, or the reduction of any Appropriation to an amount insufficient to permit the City to pay its obligations under the Contract. In the event of none or inadequate appropriation of funds, there will be no penalty nor removal fees charged to the City.

14. TRAVEL EXPENSES: All travel, lodging and per diem expenses in connection with the Contract shall be paid by the Contractor, unless otherwise stated in the contract terms. During the term of this contract, the contractor shall bill and the City shall reimburse contractor for all reasonable and approved out of pocket expenses which are incurred in the connection with the performance of duties hereunder. Notwithstanding the foregoing, expenses for the time spent by the contractor in traveling to and from City facilities shall not be reimbursed, unless otherwise negotiated.

15. FINAL PAYMENT AND CLOSE-OUT:

A. If a DBE/MBE/WBE Program Plan is agreed to and the Contractor has identified Subcontractors, the Contractor is required to submit a Contract Close-Out MBE/WBE Compliance Report to the Purchasing Manager no later than the 15th calendar day after completion of all work under the contract. Final payment, retainage, or both may be withheld if the Contractor is not in compliance with the requirements as accepted by the City.

B. The making and acceptance of final payment will constitute:

i. a waiver of all claims by the City against the Contractor, except claims (1) which have been previously asserted in writing and not yet settled, (2) arising from defective work appearing after final inspection, (3) arising from failure of the Contractor to comply with the Contract or the terms of any warranty specified herein, (4) arising from the Contractor's continuing obligations under the Contract, including but not limited to indemnity and warranty obligations, or (5) arising under the City's right to audit; and ii. a waiver of all claims by the Contractor against the City other than those previously asserted in writing and not yet settled.

16. SPECIAL TOOLS & TEST EQUIPMENT: If the price stated on the Offer includes the cost of any special tooling or special test equipment fabricated or required by the Contractor for the purpose of filling this order, such special tooling equipment and any process sheets related thereto shall become the property of the City and shall be identified by the Contractor as such.

17. RIGHT TO AUDIT:

A. The City shall have the right to audit and make copies of the books, records and computations pertaining to the Contract. The Contractor shall retain such books, records, documents and other evidence pertaining to the Contract period and five years thereafter, except if an audit is in progress or audit findings are yet unresolved, in which case records shall be kept until all audit tasks are completed and resolved. These books, records, documents and other evidence shall be available, within ten (10) business days of written request. Further, the Contractor shall also require all Subcontractors, material suppliers, and other payees to retain all books, records, documents and other evidence pertaining to the Contract, and to allow the City similar access to those documents. All books and records will be made available within a 50 mile radius of the City of Denton. The cost of the audit will be borne by the City unless the audit reveals an overpayment of 1% or greater. If an overpayment of 1% or greater occurs, the reasonable cost of the audit, including any travel costs, must be borne by the Contractor which must be payable within five (5) business days of receipt of an invoice.

B. Failure to comply with the provisions of this section shall be a material breach of the Contract and shall constitute, in the City's sole discretion, grounds for termination thereof. Each of the terms "books", "records", "documents" and "other evidence", as used above, shall be construed to include drafts and electronic files, even if such drafts or electronic files are subsequently used to generate or prepare a final printed document.

18. SUBCONTRACTORS:

A. If the Contractor identified Subcontractors in a DBE/MBE/WBE agreed to Plan, the Contractor shall comply with all requirements approved by the City. The Contractor shall not initially employ any Subcontractor except as provided in the Contractor's Plan. The Contractor shall not substitute any Subcontractor identified in the Plan, unless the substitute has been accepted by the City in writing. No acceptance by the City of any Subcontractor shall constitute a waiver of any rights or remedies of the City with respect to defective deliverables provided by a Subcontractor. If a Plan has been approved, the Contractor is additionally required to submit a monthly Subcontract Contract # 6400

Awards and Expenditures Report to the Procurement Manager, no later than the tenth calendar day of each month.

B. Work performed for the Contractor by a Subcontractor shall be pursuant to a written contract between the Contractor and Subcontractor. The terms of the subcontract may not conflict with the terms of the

Contract, and shall contain provisions that:

- i. require that all deliverables to be provided by the Subcontractor be provided in strict accordance with the provisions, specifications and terms of the Contract;
- ii. prohibit the Subcontractor from further subcontracting any portion of the Contract without the prior written consent of the City and the Contractor.
- iii. require Subcontractors to submit all invoices and applications for payments, including any claims for additional payments, damages or otherwise, to the Contractor in sufficient time to enable the Contractor to include same with its invoice or application for payment to the City in accordance with the terms of the Contract;
- iv. require that all Subcontractors obtain and maintain, throughout the term of their contract, insurance in the type and amounts specified for the Contractor, with the City being a named insured as its interest shall appear; and
- v. require that the Subcontractor indemnify and hold the City harmless to the same extent as the Contractor is required to indemnify the City.

C. The Contractor shall be fully responsible to the City for all acts and omissions of the Subcontractors just as the Contractor is responsible for the Contractor's own acts and omissions. Nothing in the Contract shall create for the benefit of any such Subcontractor any contractual relationship between the City and any such Subcontractor, nor shall it create any obligation on the part of the City to pay or to see to the payment of any moneys due any such Subcontractor except as may otherwise be required by law.

D. The Contractor shall pay each Subcontractor its appropriate share of payments made to the Contractor not later than ten (10) calendar days after receipt of payment from the City.

19. WARRANTY-PRICE:

A. The Contractor warrants the prices quoted in the Offer are no higher than the Contractor's current prices on orders by others for like deliverables under similar terms of purchase.

B. The Contractor certifies that the prices in the Offer have been arrived at independently without consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such fees with any other firm or with any competitor.

C. In addition to any other remedy available, the City may deduct from any amounts owed to the Contractor, or otherwise recover, any amounts paid for items in excess of the Contractor's current prices on orders by others for like deliverables under similar terms of purchase.

20. WARRANTY – TITLE: The Contractor warrants that it has good and indefeasible title to all deliverables furnished under the Contract, and that the deliverables are free and clear of all liens, claims, security interests and encumbrances. The Contractor shall indemnify and hold the City harmless from and against all adverse title claims to the deliverables.

21. WARRANTY – DELIVERABLES: The warranty period for the Software will commence upon Go Live and will continue for 1 year unless City has agreed to a different warranty period in Contract # 6400

a separate agreement that has been mutually executed by City and Contractor, in which case the warranty period will be as stated in such agreement subject to the remainder of this agreement. For Integration Framework software products and the Athena software suite, the warranty period shall commence as stated in the applicable agreement and will continue for 1 year, as state in the Contractor's RFP. For Software that is application software that is provided on a per unit basis, the warranty period for subsequent units licensed is the remainder (if any) of the initial warranty period or, if the initial warranty period has expired, the remainder (if any) of the term of the applicable Software Maintenance and Support Agreement.

During the applicable warranty period, Contractor warrants that the unmodified Software, when used properly and in accordance with this Agreement, will be free from a reproducible defect that eliminates the functionality or successful operation of a feature critical to the primary functionality or successful operation of the system. Whether such defect occurs will be determined solely with reference to the Documentation. For Software involving radio frequency systems and Products, the primary functionality of a voice communication system is subscriber-to-subscriber, subscriber-to dispatcher, and dispatcher-to-subscriber voice communication; and the primary functionality of a data communication system is point-to-point data C. transmission. Contractor does not warrant that City's use of the Software or Products will be uninterrupted or error-free.

Before the expiration of the applicable warranty period, City must notify Contractor in writing if the Software does not conform to this warranty. Upon receipt of such notice, Contractor will investigate the warranty claim. If this investigation confirms a valid warranty claim, Contractor will (at its option and at no additional charge to City) repair the defect, replace the defective Software with the same or equivalent software, or refund the price of the defective Software or individual Product in which the Software is embedded or for which it was provided. Such action will be the full extent of Contractor's liability and City's sole remedy for a breach of this warranty. If the investigation indicates the warranty claim is not valid, then Contractor may invoice City for responding to the claim on a time and materials basis using Contractor's current labor rates.

22. WARRANTY – SERVICES: The Contractor warrants and represents that all services to be provided the City under the Contract will be fully and timely performed in a good and workmanlike manner in accordance with generally accepted industry standards and practices, the terms, conditions, and covenants of the Contract, and all applicable Federal, State and local laws, rules or regulations. The Contractor warrants and represents that services will be performed so as to ensure that all services performed are correct and appropriate for the purposes contemplated in this Agreement and that industry certifications are provided for such services.

A. The Contractor may not limit, exclude or disclaim the foregoing warranty or any warranty implied by law, and any attempt to do so shall be without force or effect.

B. Unless otherwise specified in the Contract, the warranty period shall be at least one year from the Date. If during the warranty period, one or more of the above warranties are breached, the Contractor shall promptly upon receipt of demand perform the services again in accordance with above standard at no additional cost to the City. All costs incidental to such additional performance shall be borne by the Contractor. The City shall endeavor to give the Contractor written notice of the breach of warranty within thirty (30) calendar days of discovery of the breach warranty, but failure to give timely notice shall not impair the City's rights under this section.

C. If the Contractor is unable or unwilling to perform its services in accordance with the above standard as required by the City, then in addition to any other available remedy, the City may reduce the amount of services it may be required to purchase under the Contract from the Contractor, and purchase conforming services from other sources. In such event, the Contractor shall pay to the City upon demand the increased cost, if any, incurred by the City to procure such services from another source.

23. ACCEPTANCE OF INCOMPLETE OR NON-CONFORMING DELIVERABLES: If, instead of requiring immediate correction or removal and replacement of defective or non-conforming deliverables, the City prefers to accept it, the City may do so. If any such acceptance occurs prior to final payment, the City may deduct such amounts as are necessary to compensate the City for the diminished value of the defective or non-conforming deliverables. If the acceptance occurs after final payment, such amount will be refunded to the City by the Contractor.

24. RIGHT TO ASSURANCE: Whenever one party to the Contract in good faith has reason to question the other party's intent to perform, demand may be made to the other party for written assurance of the intent to perform. In the event that no assurance is given within the time specified after demand is made, the demanding party may treat this failure as an anticipatory repudiation of the Contract.

25. STOP WORK NOTICE: The City may issue an immediate Stop Work Notice in the event the Contractor is observed performing in a manner that is in violation of Federal, State, or local guidelines, or in a manner that is determined by the City to be unsafe to either life or property. Upon notification, the Contractor will cease all work until notified by the City that the violation or unsafe condition has been corrected.

26. DEFAULT: The Contractor shall be in default under the Contract if the Contractor (a) fails to fully, timely and faithfully perform any of its material obligations under the Contract, (b) fails to provide adequate assurance of performance under Paragraph 24, (c) becomes insolvent or seeks relief under the bankruptcy laws of the United States or (d) makes a material misrepresentation in Contractor's Offer, or in any report or deliverable required to be submitted by the Contractor to the City.

27. TERMINATION FOR CAUSE: In the event of a default by the Contractor, the City shall have the right to terminate the Contract for cause, by written notice effective ten (10) calendar days, unless otherwise specified, after the date of such notice, unless the Contractor, within such ten (10) day period, cures such default, or provides evidence sufficient to prove to the City's reasonable satisfaction that such default does not, in fact, exist. Additionally, in the event of a default by the Contractor, the City may remove the Contractor from the City's vendor list for three (3) years and any Offer submitted by the Contractor may be disqualified for up to three (3) years. All rights and remedies under the Contract are cumulative and are not exclusive of any other right or remedy provided by law.

28. TERMINATION WITHOUT CAUSE: The City shall have the right to terminate the Contract, in whole or in part, without cause any time upon thirty (30) calendar days' prior written notice. Upon receipt of a notice of termination, the Contractor shall promptly cease all further work pursuant to the Contract, with such exceptions, if any, specified in the notice of termination. The City shall pay the Contractor, to the extent of funds Appropriated or otherwise legally available for such purposes, for all goods delivered and services performed and obligations incurred prior to the date of termination in accordance with the terms hereof.

29. **FRAUD:** Fraudulent statements by the Contractor on any Offer or in any report or deliverable required to be submitted by the Contractor to the City shall be grounds for the termination of the Contract for cause by the City and may result in legal action.

30. **DELAYS:**

A. The City may delay scheduled delivery or other due dates by written notice to the Contractor if the City deems it is in its best interest. If such delay causes an increase in the cost of the work under the Contract, the City and the Contractor shall negotiate an equitable adjustment for costs incurred by the Contractor in the Contract price and execute an amendment to the Contract. The Contractor must assert its right to an adjustment within thirty (30) calendar days from the date of receipt of the notice of delay. Failure to agree on any adjusted price shall be handled under the Dispute Resolution process specified in paragraph 49. However, nothing in this provision shall excuse the Contractor from delaying the delivery as notified.

B. Neither party shall be liable for any default or delay in the performance of its obligations under this Contract if, while and to the extent such default or delay is caused by acts of God, fire, riots, civil commotion, labor disruptions, sabotage, sovereign conduct, or any other cause beyond the reasonable control of such Party. In the event of default or delay in contract performance due to any of the foregoing causes, then the time for completion of the services will be extended; provided, however, in such an event, a conference will be held within three (3) business days to establish a mutually agreeable period of time reasonably necessary to overcome the effect of such failure to perform.

31. **INDEMNITY:**

A. Definitions:

i. "Indemnified Claims" shall include any and all claims, demands, suits, causes of action, judgments and liability of every character, type or description, including all reasonable costs and expenses of litigation, mediation or other alternate dispute resolution mechanism, including attorney and other professional fees for: (1) damage to or loss of the property of any person (including, but not limited to the City, the Contractor, their respective agents, officers, employees and subcontractors; the officers, agents, and employees of such subcontractors; and third parties); and/or (2) death, bodily injury, illness, disease, worker's compensation, loss of services, or loss of income or wages to any person (including but not limited to the agents, officers and employees of the City, the Contractor, the Contractor's subcontractors, and third parties), ii. "Fault" shall include the sale of defective or non-conforming deliverables, negligence, willful misconduct or a breach of any legally imposed strict liability standard.

B. THE CONTRACTOR SHALL DEFEND (AT THE OPTION OF THE CITY), INDEMNIFY, AND HOLD THE CITY, ITS SUCCESSORS, ASSIGNS, OFFICERS, EMPLOYEES AND ELECTED OFFICIALS HARMLESS FROM AND AGAINST ALL INDEMNIFIED CLAIMS DIRECTLY ARISING OUT OF, INCIDENT TO, CONCERNING OR RESULTING FROM THE FAULT OF THE CONTRACTOR, OR THE CONTRACTOR'S AGENTS, EMPLOYEES OR SUBCONTRACTORS, IN THE PERFORMANCE OF THE CONTRACTOR'S OBLIGATIONS UNDER THE CONTRACT. NOTHING HEREIN SHALL BE DEEMED TO LIMIT THE RIGHTS OF THE CITY OR THE CONTRACTOR (INCLUDING, BUT NOT LIMITED TO, THE RIGHT TO SEEK CONTRIBUTION) AGAINST ANY THIRD PARTY WHO MAY BE

LIABLE FOR AN INDEMNIFIED CLAIM.

32. INSURANCE: The following insurance requirements are applicable, in addition to the specific insurance requirements detailed in **Appendix A** for services only. The successful firm shall procure and maintain insurance of the types and in the minimum amounts acceptable to the City of Denton. The insurance shall be written by a company licensed to do business in the State of Texas and satisfactory to the City of Denton.

A. General Requirements:

- i. The Contractor shall at a minimum carry insurance in the types and amounts indicated and agreed to, as submitted to the City and approved by the City within the procurement process, for the duration of the Contract, including extension options and hold over periods, and during any warranty period.
- ii. The Contractor shall provide Certificates of Insurance with the coverage's and endorsements required to the City as verification of coverage prior to contract execution and within fourteen (14) calendar days after written request from the City. Failure to provide the required Certificate of Insurance may subject the Offer to disqualification from consideration for award. The Contractor must also forward a Certificate of Insurance to the City whenever a previously identified policy period has expired, or an extension option or hold over period is exercised, as verification of continuing coverage.
- iii. The Contractor shall not commence work until the required insurance is obtained and until such insurance has been reviewed by the City. Approval of insurance by the City shall not relieve or decrease the liability of the Contractor hereunder and shall not be construed to be a limitation of liability on the part of the Contractor.
- iv. The Contractor must submit certificates of insurance to the City for all subcontractors prior to the subcontractors commencing work on the project.
- v. The Contractor's and all subcontractors' insurance coverage shall be written by companies licensed to do business in the State of Texas at the time the policies are issued and shall be written by companies with A.M. Best ratings of **A- VII or better**. The City will accept workers' compensation coverage written by the Texas Workers' Compensation Insurance Fund.
- vi. All endorsements naming the City as additional insured, waivers, and notices of cancellation endorsements as well as the Certificate of Insurance shall contain the solicitation number and the following information:

City of Denton
Materials Management Department
901B Texas Street
Denton, Texas 76209

- vii. The "other" insurance clause shall not apply to the City where the City is an additional insured shown on any policy. It is intended that policies required in the Contract, covering both the City and the Contractor, shall be considered primary coverage as applicable.
- viii. If insurance policies are not written for amounts agreed to with the City, the Contractor shall carry Umbrella or Excess Liability Insurance for any differences in amounts specified. If Excess Liability Insurance is provided, it shall follow the form of the primary coverage.
- ix. The City shall be entitled, upon request, at an agreed upon location, and without expense, to review certified copies of policies and endorsements thereto and may make any reasonable requests for deletion or revision or modification of particular policy terms, conditions, limitations, or exclusions except where policy provisions are established by law

or regulations binding upon either of the parties hereto or the underwriter on any such policies.

x. The City reserves the right to review the insurance requirements set forth during the effective period of the Contract and to make reasonable adjustments to insurance coverage, limits, and exclusions when deemed necessary and prudent by the City based upon changes in statutory law, court decisions, the claims history of the industry or financial condition of the insurance company as well as the Contractor.

xi. The Contractor shall not cause any insurance to be canceled nor permit any insurance to lapse during the term of the Contract or as required in the Contract.

xii. The Contractor shall be responsible for premiums, deductibles and self-insured retentions, if any, stated in policies. All deductibles or self-insured retentions shall be disclosed on the Certificate of Insurance.

xiii. The Contractor shall endeavor to provide the City thirty (30) calendar days' written notice of erosion of the aggregate limits below occurrence limits for all applicable coverage's indicated within the Contract.

xiv. The insurance coverage's specified in within the solicitation and requirements are required minimums and are not intended to limit the responsibility or liability of the Contractor.

B. Specific Coverage Requirements: Specific insurance requirements are contained in the solicitation instrument.

33. **CLAIMS:** If any claim, demand, suit, or other action is asserted against the Contractor which arises under or concerns the Contract, or which could have a material adverse effect on the Contractor's ability to perform thereunder, the Contractor shall give written notice thereof to the City within ten (10) calendar days after receipt of notice by the Contractor. Such notice to the City shall state the date of notification of any such claim, demand, suit, or other action; the names and addresses of the claimant(s); the basis thereof; and the name of each person against whom such claim is being asserted. Such notice shall be delivered personally or by mail and shall be sent to the City and to the Denton City Attorney. Personal delivery to the City Attorney shall be to City Hall, 215 East McKinney Street, Denton, Texas 76201.

34. **NOTICES:** Unless otherwise specified, all notices, requests, or other communications required or appropriate to be given under the Contract shall be in writing and shall be deemed delivered three (3) business days after postmarked if sent by U.S. Postal Service Certified or Registered Mail, Return Receipt Requested. Notices delivered by other means shall be deemed delivered upon receipt by the addressee. Routine communications may be made by first class mail, telefax, or other commercially accepted means. Notices to the Contractor shall be sent to the address specified in the Contractor's Offer, or at such other address as a party may notify the other in writing. Notices to the City shall be addressed to the City at 901B Texas Street, Denton, Texas 76209 and marked to the attention of the Purchasing Manager.

35. **RIGHTS TO BID, PROPOSAL AND CONTRACTUAL MATERIAL:** All material submitted by the Contractor to the City shall become property of the City upon receipt. Any portions of such material claimed by the Contractor to be proprietary must be clearly marked as such. Determination of the public nature of the material is subject to the Texas Public Information Act, Chapter 552, and Texas Government Code.

36. **NO WARRANTY BY CITY AGAINST INFRINGEMENTS:** The Contractor represents

and warrants to the City that: (i) the Contractor shall provide the City good and indefeasible title to the deliverables and (ii) the deliverables supplied by the Contractor in accordance with the specifications in the Contract will not infringe, directly or contributorily, any patent, trademark, copyright, trade secret, or any other intellectual property right of any kind of any third party; that no claims have been made by any person or entity with respect to the ownership or operation of the deliverables and the Contractor does not know of any valid basis for any such claims. The Contractor shall, at its sole expense, defend, indemnify, and hold the City harmless from and against all liability, damages, and costs (including court costs and reasonable fees of attorneys and other professionals) arising out of or resulting from: (i) any claim that the City's exercise anywhere in the world of the rights associated with the City's ownership, and if applicable, license rights, and its use of the deliverables infringes the intellectual property rights of any third party; or (ii) the Contractor's breach of any of Contractor's representations or warranties stated in this Contract. In the event of any such claim, the City shall have the right to monitor such claim or at its option engage its own separate counsel to act as co-counsel on the City's behalf. Further, Contractor agrees that the City's specifications regarding the deliverables shall in no way diminish Contractor's warranties or obligations under this paragraph and the City makes no warranty that the production, development, or delivery of such deliverables will not impact such warranties of Contractor.

37. CONFIDENTIALITY: In order to provide the deliverables to the City, Contractor may require access to certain of the City's and/or its licensors' confidential information (including inventions, employee information, trade secrets, confidential know-how, confidential business information, and other information which the City or its licensors consider confidential) (collectively, "Confidential Information"). Contractor acknowledges and agrees that the Confidential Information is the valuable property of the City and/or its licensors and any unauthorized use, disclosure, dissemination, or other release of the Confidential Information will substantially injure the City and/or its licensors. The Contractor (including its employees, subcontractors, agents, or representatives) agrees that it will maintain the Confidential Information in strict confidence and shall not disclose, disseminate, copy, divulge, recreate, or otherwise use the Confidential Information without the prior written consent of the City or in a manner not expressly permitted under this Agreement, unless the Confidential Information is required to be disclosed by law or an order of any court or other governmental authority with proper jurisdiction, provided the Contractor promptly notifies the City before disclosing such information so as to permit the City reasonable time to seek an appropriate protective order. The Contractor agrees to use protective measures no less stringent than the Contractor uses within its own business to protect its own most valuable information, which protective measures shall under all circumstances be at least reasonable measures to ensure the continued confidentiality of the Confidential Information.

38. OWNERSHIP AND USE OF DELIVERABLES:

A. Patents. As to any patentable subject matter contained in the deliverables, the Contractor agrees to disclose such patentable subject matter to the City.

B. Copyrights. As to any deliverables containing copyrightable subject matter, the Contractor agrees to execute, acknowledge, and deliver and cause each of its employees providing services to the City hereunder to execute, acknowledge, and deliver a work-made-for-hire agreement, in a form to be reasonably approved by the City, to the City upon delivery of such deliverables to the City or at such other time as the City may request.

C. Additional Assignments. The Contractor's obligations to execute, acknowledge, and deliver (or cause to be executed, acknowledged, and delivered) instruments or papers such as those described

in this Paragraph 38 a., b., and c. shall continue after the termination of this Contract with respect to such deliverables.

39. PUBLICATIONS: All published material and written reports submitted under the Contract must be originally developed material unless otherwise specifically provided in the Contract. When material not originally developed is included in a report in any form, the source shall be identified.

40. ADVERTISING: The Contractor shall not advertise, without the City's prior consent, the fact that the City has entered into the Contract, except to the extent required by law.

41. NO CONTINGENT FEES: The Contractor warrants that no person or selling agency has been employed or retained to solicit or secure the Contract upon any agreement or understanding for commission, percentage, brokerage, or contingent fee, excepting bona fide employees of bona fide established commercial or selling agencies maintained by the Contractor for the purpose of securing business. For breach or violation of this warranty, the City shall have the right, in addition to any other remedy available, to cancel the Contract without liability and to deduct from any amounts owed to the Contractor, or otherwise recover, the full amount of such commission, percentage, brokerage or contingent fee.

42. GRATUITIES: The City may, by written notice to the Contractor, cancel the Contract without liability if it is determined by the City that gratuities were offered or given by the Contractor or any agent or representative of the Contractor to any officer or employee of the City of Denton with a view toward securing the Contract or securing favorable treatment with respect to the awarding or amending or the making of any determinations with respect to the performing of such contract. In the event the Contract is canceled by the City pursuant to this provision, the City shall be entitled, in addition to any other rights and remedies, to recover or withhold the amount of the cost incurred by the Contractor in providing such gratuities.

43. PROHIBITION AGAINST PERSONAL INTEREST IN CONTRACTS: No officer, employee, independent consultant, or elected official of the City who is involved in the development, evaluation, or decision-making process of the performance of any solicitation shall have a financial interest, direct or indirect, in the Contract resulting from that solicitation. Any willful violation of this section shall constitute impropriety in office, and any officer or employee guilty thereof shall be subject to disciplinary action up to and including dismissal. Any violation of this provision, with the knowledge, expressed or implied, of the Contractor shall render the Contract voidable by the City. The Contractor shall complete and submit the City's Conflict of Interest Questionnaire.

44. INDEPENDENT CONTRACTOR: The Contract shall not be construed as creating an employer/employee relationship, a partnership, or a joint venture. The Contractor's services shall be those of an independent contractor. The Contractor agrees and understands that the Contract does not grant any rights or privileges established for employees of the City of Denton, Texas for the purposes of income tax, withholding, social security taxes, vacation or sick leave benefits, worker's compensation, or any other City employee benefit. The City shall not have supervision and control of the Contractor or any employee of the Contractor, and it is expressly understood that Contractor shall perform the services hereunder according to the attached specifications at the general

direction of the City Manager of the City of Denton, Texas, or his designee under this agreement. The contractor is expressly free to advertise and perform services for other parties while performing services for the City.

45. ASSIGNMENT-DELEGATION: The Contract shall be binding upon and ensure to the benefit of the City and the Contractor and their respective successors and assigns, provided however, that no right or interest in the Contract shall be assigned and no obligation shall be delegated by the Contractor without the prior written consent of the City, which shall not be withheld unreasonably. Any attempted assignment or delegation by the Contractor shall be void unless made in conformity with this paragraph. The Contract is not intended to confer rights or benefits on any person, firm or entity not a party hereto; it being the intention of the parties that there are no third party beneficiaries to the Contract.

46. WAIVER: No claim or right arising out of a breach of the Contract can be discharged in whole or in part by a waiver or renunciation of the claim or right unless the waiver or renunciation is supported by consideration and is in writing signed by the aggrieved party. No waiver by either the Contractor or the City of any one or more events of default by the other party shall operate as, or be construed to be, a permanent waiver of any rights or obligations under the Contract, or an express or implied acceptance of any other existing or future default or defaults, whether of a similar or different character.

47. MODIFICATIONS: The Contract can be modified or amended only by a writing signed by both parties. No pre-printed or similar terms on any the Contractor invoice, order or other document shall have any force or effect to change the terms, covenants, and conditions of the Contract.

48. INTERPRETATION: The Contract is intended by the parties as a final, complete and exclusive statement of the terms of their agreement. No course of prior dealing between the parties or course of performance or usage of the trade shall be relevant to supplement or explain any term used in the Contract. Although the Contract may have been substantially drafted by one party, it is the intent of the parties that all provisions be construed in a manner to be fair to both parties, reading no provisions more strictly against one party or the other. Whenever a term defined by the Uniform Commercial Code, as enacted by the State of Texas, is used in the Contract, the UCC definition shall control, unless otherwise defined in the Contract.

49. DISPUTE RESOLUTION:

A. If a dispute arises out of or relates to the Contract, or the breach thereof, the parties agree to negotiate prior to prosecuting a suit for damages. However, this section does not prohibit the filing of a lawsuit to toll the running of a statute of limitations or to seek injunctive relief. Either party may make a written request for a meeting between representatives of each party within fourteen (14) calendar days after receipt of the request or such later period as agreed by the parties. Each party shall include, at a minimum, one (1) senior level individual with decision-making authority regarding the dispute. The purpose of this and any subsequent meeting is to attempt in good faith to negotiate a resolution of the dispute. If, within thirty (30) calendar days after such meeting, the parties have not succeeded in negotiating a resolution of the dispute, they will proceed directly to mediation as described below. Negotiation may be waived by a written agreement signed by both parties, in which event the parties may proceed directly to mediation as described below.

B. If the efforts to resolve the dispute through negotiation fail, or the parties waive the negotiation process, the parties may select, within thirty (30) calendar days, a mediator trained in mediation

skills to assist with resolution of the dispute. Should they choose this option; the City and the Contractor agree to act in good faith in the selection of the mediator and to give consideration to qualified individuals nominated to act as mediator. Nothing in the Contract prevents the parties from relying on the skills of a person who is trained in the subject matter of the dispute or a contract interpretation expert. If the parties fail to agree on a mediator within thirty (30) calendar days of initiation of the mediation process, the mediator shall be selected by the Denton County Alternative Dispute Resolution Program (DCAP). The parties agree to participate in mediation in good faith for up to thirty (30) calendar days from the date of the first mediation session. The City and the Contractor will share the mediator's fees equally and the parties will bear their own costs of participation such as fees for any consultants or attorneys they may utilize to represent them or otherwise assist them in the mediation.

50. JURISDICTION AND VENUE: The Contract is made under and shall be governed by the laws of the State of Texas, including, when applicable, the Uniform Commercial Code as adopted in Texas, V.T.C.A., Bus. & Comm. Code, Chapter 1, excluding any rule or principle that would refer to and apply the substantive law of another state or jurisdiction. All issues arising from this Contract shall be resolved in the courts of Denton County, Texas and the parties agree to submit to the exclusive personal jurisdiction of such courts. The foregoing, however, shall not be construed or interpreted to limit or restrict the right or ability of the City to seek and secure injunctive relief from any competent authority as contemplated herein.

51. INVALIDITY: The invalidity, illegality, or unenforceability of any provision of the Contract shall in no way affect the validity or enforceability of any other portion or provision of the Contract. Any void provision shall be deemed severed from the Contract and the balance of the Contract shall be construed and enforced as if the Contract did not contain the particular portion or provision held to be void. The parties further agree to reform the Contract to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision. The provisions of this section shall not prevent this entire Contract from being void should a provision which is the essence of the Contract be determined to be void.

52. HOLIDAYS: The following holidays are observed by the City:

| |
|---------------------------|
| New Year's Day (observed) |
| MLK Day |
| Memorial Day |
| 4th of July |
| Labor Day |
| Thanksgiving Day |
| Day After Thanksgiving |
| Christmas Eve (observed) |
| Christmas Day (observed) |
| New Year's Day (observed) |

If a Legal Holiday falls on Saturday, it will be observed on the preceding Friday. If a Legal Holiday falls on Sunday, it will be observed on the following Monday. Normal hours of operation shall be between 8:00 am and 4:00 pm, Monday through Friday, excluding City of Denton Holidays. Any scheduled deliveries or work performance not within the normal hours of operation **must be approved** by the City Manager of Denton, Texas or his authorized designee.

53. SURVIVABILITY OF OBLIGATIONS: All provisions of the Contract that impose continuing obligations on the parties, including but not limited to the warranty, indemnity, and confidentiality obligations of the parties, shall survive the expiration or termination of the Contract.

54. NON-SUSPENSION OR DEBARMENT CERTIFICATION:

The City of Denton is prohibited from contracting with or making prime or sub-awards to parties that are suspended or debarred or whose principals are suspended or debarred from Federal, State, or City of Denton Contracts. By accepting a Contract with the City, the Vendor certifies that its firm and its principals are not currently suspended or debarred from doing business with the Federal Government, as indicated by the General Services Administration List of Parties Excluded from Federal Procurement and Non-Procurement Programs, the State of Texas, or the City of Denton.

55. EQUAL OPPORTUNITY

A. Equal Employment Opportunity: No Offeror, or Offeror's agent, shall engage in any discriminatory employment practice. No person shall, on the grounds of race, sex, sexual orientation, age, disability, creed, color, genetic testing, or national origin, be refused the benefits of, or be otherwise subjected to discrimination under any activities resulting from this RFQ.

B. Americans with Disabilities Act (ADA) Compliance: No Offeror, or Offeror's agent, shall engage in any discriminatory employment practice against individuals with disabilities as defined in the ADA.

56. BUY AMERICAN ACT-SUPPLIES (Applicable to certain federally funded requirements)

The following federally funded requirements are applicable. A. Definitions. As used in this paragraph –

i. "Component" means an article, material, or supply incorporated directly into an end product.

ii. "Cost of components" means -

(1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the end product (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or
(2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the end product.

iii. "Domestic end product" means-

(1) An unmanufactured end product mined or produced in the United States; or

(2) An end product manufactured in the United States, if the cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind as those that the agency determines are not mined, produced, or manufactured in sufficient and reasonably available commercial quantities of a satisfactory quality are treated as domestic. Scrap generated, collected, and prepared for processing in the United States is considered domestic.

iv. "End product" means those articles, materials, and supplies to be acquired under the contract for public use.

v. "Foreign end product" means an end product other than a domestic end product.

vi. "United States" means the 50 States, the District of Columbia, and outlying areas.

B. The Buy American Act (41 U.S.C. 10a - 10d) provides a preference for domestic end products

for supplies acquired for use in the United States.

C. The City does not maintain a list of foreign articles that will be treated as domestic for this Contract; but will consider for approval foreign articles as domestic for this product if the articles are on a list approved by another Governmental Agency. The Offeror shall submit documentation with their Offer demonstrating that the article is on an approved Governmental list.

D. The Contractor shall deliver only domestic end products except to the extent that it specified delivery of foreign end products in the provision of the Solicitation entitled "Buy American Act Certificate".

57. RIGHT TO INFORMATION: The City of Denton reserves the right to use any and all information presented in any response to this contract, whether amended or not, except as prohibited by law. Selection of rejection of the submittal does not affect this right.

58. LICENSE FEES OR TAXES: Provided the solicitation requires an awarded contractor or supplier to be licensed by the State of Texas, any and all fees and taxes are the responsibility of the respondent.

59. PREVAILING WAGE RATES: The contractor shall comply with prevailing wage rates as defined by the United States Department of Labor Davis-Bacon Wage Determination at <http://www.dol.gov/whd/contracts/dbra.htm> and at the Wage Determinations website www.wdol.gov for Denton County, Texas (WD-2509).

60. COMPLIANCE WITH ALL STATE, FEDERAL, AND LOCAL LAWS: The contractor or supplier shall comply with all State, Federal, and Local laws and requirements. The Respondent must comply with all applicable laws at all times, including, without limitation, the following: (i) §36.02 of the Texas Penal Code, which prohibits bribery; (ii) §36.09 of the Texas Penal Code, which prohibits the offering or conferring of benefits to public servants. The Respondent shall give all notices and comply with all laws and regulations applicable to furnishing and performance of the Contract.

61. FEDERAL, STATE, AND LOCAL REQUIREMENTS: Respondent shall demonstrate on-site compliance with the Federal Tax Reform Act of 1986, Section 1706, amending Section 530 of the Revenue Act of 1978, dealing with issuance of Form W-2's to common law employees. Respondent is responsible for both federal and State unemployment insurance coverage and standard Workers' Compensation insurance coverage. Respondent shall ensure compliance with all federal and State tax laws and withholding requirements. The City of Denton shall not be liable to Respondent or its employees for any Unemployment or Workers' Compensation coverage, or federal or State withholding requirements. Contractor shall indemnify the City of Denton and shall pay all costs, penalties, or losses resulting from Respondent's omission or breach of this Section.

62. DRUG FREE WORKPLACE: The contractor shall comply with the applicable provisions of the Drug-Free Work Place Act of 1988 (Public Law 100-690, Title V, Subtitle D; 41 U.S.C. 701 ET SEQ.) and maintain a drug-free work environment; and the final rule, government-wide requirements for drug-free work place (grants), issued by the Office of Management and Budget and the Department of Defense (32 CFR Part 280, Subpart F) to implement the provisions of the Drug-Free Work Place Act of 1988 is incorporated by reference and the contractor shall comply with the relevant provisions thereof, including any amendments to the final rule that may hereafter be issued.

63. RESPONDENT LIABILITY FOR DAMAGE TO GOVERNMENT PROPERTY: The Respondent shall be liable for all damages to government-owned, leased, or occupied property and equipment caused by the Respondent and its employees, agents, subcontractors, and suppliers, including any delivery or cartage company, in connection with any performance pursuant to the Contract. The Respondent shall notify the City of Denton Procurement Manager in writing of any such damage within one (1) calendar day.

64. FORCE MAJEURE: The City of Denton, any Customer, and the Respondent shall not be responsible for performance under the Contract should it be prevented from performance by an act of war, order of legal authority, act of God, or other unavoidable cause not attributable to the fault or negligence of the City of Denton. In the event of an occurrence under this Section, the Respondent will be excused from any further performance or observance of the requirements so affected for as long as such circumstances prevail and the Respondent continues to use commercially reasonable efforts to recommence performance or observance whenever and to whatever extent possible without delay. The Respondent shall immediately notify the City of Denton Procurement Manager by telephone (to be confirmed in writing within five (5) calendar days of the inception of such occurrence) and describe at a reasonable level of detail the circumstances causing the non-performance or delay in performance.

65. NON-WAIVER OF RIGHTS: Failure of a Party to require performance by another Party under the Contract will not affect the right of such Party to require performance in the future. No delay, failure, or waiver of either Party's exercise or partial exercise of any right or remedy under the Contract shall operate to limit, impair, preclude, cancel, waive or otherwise affect such right or remedy. A waiver by a Party of any breach of any term of the Contract will not be construed as a waiver of any continuing or succeeding breach.

66. NO WAIVER OF SOVEREIGN IMMUNITY: The Parties expressly agree that no provision of the Contract is in any way intended to constitute a waiver by the City of Denton of any immunities from suit or from liability that the City of Denton may have by operation of law.

67. RECORDS RETENTION: The Respondent shall retain all financial records, supporting documents, statistical records, and any other records or books relating to the performances called for in the Contract. The Respondent shall retain all such records for a period of four (4) years after the expiration of the Contract, or until the CPA or State Auditor's Office is satisfied that all audit and litigation matters are resolved, whichever period is longer. The Respondent shall grant access to all books, records and documents pertinent to the Contract to the CPA, the State Auditor of Texas, and any federal governmental entity that has authority to review records due to federal funds being spent under the Contract.

Should a conflict arise between any of the contract documents, it shall be resolved with the following order of precedence (if applicable). In any event, the final negotiated contract shall take precedence over any and all contract documents to the extent of such conflict.

- 1. Final negotiated contract**
- 2. RFP/Bid documents**
- 3. City's standard terms and conditions**

- 4. Purchase order**
- 5. Supplier terms and conditions**

Exhibit D
INSURANCE REQUIREMENTS AND
WORKERS' COMPENSATION REQUIREMENTS

Upon contract execution, all insurance requirements shall become contractual obligations, which the successful contractor shall have a duty to maintain throughout the course of this contract.

STANDARD PROVISIONS:

Without limiting any of the other obligations or liabilities of the Contractor, the Contractor shall provide and maintain until the contracted work has been completed and accepted by the City of Denton, Owner, the minimum insurance coverage as indicated hereinafter.

Contractor shall file with the Purchasing Department satisfactory certificates of insurance including any applicable addendum or endorsements, containing the contract number and title of the project. Contractor may, upon written request to the Purchasing Department, ask for clarification of any insurance requirements at any time; however, Contractor shall not commence any work or deliver any material until he or she receives notification that the contract has been accepted, approved, and signed by the City of Denton.

All insurance policies proposed or obtained in satisfaction of these requirements shall comply with the following general specifications, and shall be maintained in compliance with these general specifications throughout the duration of the Contract, or longer, if so noted:

- Each policy shall be issued by a company authorized to do business in the State of Texas with an A.M. Best Company rating of at least **A or better**.
- Any deductibles or self-insured retentions shall be declared in the proposal. If requested by the City, the insurer shall reduce or eliminate such deductibles or self-insured retentions with respect to the City, its officials, agents, employees and volunteers; or, the contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.
- Liability policies shall be endorsed to provide the following:
 - Name as Additional Insured the City of Denton, its Officials, Agents, Employees and volunteers.
 - That such insurance is primary to any other insurance available to the Additional Insured with respect to claims covered under the policy and that this insurance applies separately to each insured against whom claim is made or suit is brought. The inclusion of more than one insured shall not operate to increase the insurer's limit of liability.
 - Provide a Waiver of Subrogation in favor of the City of Denton, its officials, agents, employees, and volunteers.
- ***Cancellation: City requires 30 day written notice should any of the policies described on the certificate be cancelled or materially changed before the expiration date.***

- Should any of the required insurance be provided under a claims made form, Contractor shall maintain such coverage continuously throughout the term of this contract and, without lapse, for a period of three years beyond the contract expiration, such that occurrences arising during the contract term which give rise to claims made after expiration of the contract shall be covered.
- Should any of the required insurance be provided under a form of coverage that includes a general annual aggregate limit providing for claims investigation or legal defense costs to be included in the general annual aggregate limit, the Contractor shall either double the occurrence limits or obtain Owners and Contractors Protective Liability Insurance.
- Should any required insurance lapse during the contract term, requests for payments originating after such lapse shall not be processed until the City receives satisfactory evidence of reinstated coverage as required by this contract, effective as of the lapse date. If insurance is not reinstated, City may, at its sole option, terminate this agreement effective on the date of the lapse.

SPECIFIC ADDITIONAL INSURANCE REQUIREMENTS:

All insurance policies proposed or obtained in satisfaction of this Contract shall additionally comply with the following marked specifications, and shall be maintained in compliance with these additional specifications throughout the duration of the Contract, or longer, if so noted:

[X] A. General Liability Insurance:

General Liability insurance with combined single limits of not less than **\$1,000,000.00** shall be provided and maintained by the Contractor. The policy shall be written on an occurrence basis either in a single policy or in a combination of underlying and umbrella or excess policies.

If the Commercial General Liability form (ISO Form CG 0001 current edition) is used:

- Coverage A shall include premises, operations, products, and completed operations, independent contractors, contractual liability covering this contract and broad form property damage coverage.
- Coverage B shall include personal injury.
- Coverage C, medical payments, is not required.

If the Comprehensive General Liability form (ISO Form GL 0002 Current Edition and ISO Form GL 0404) is used, it shall include at least:

- Bodily injury and Property Damage Liability for premises, operations, products and completed operations, independent contractors and property damage resulting from explosion, collapse or underground (XCU) exposures.
- Broad form contractual liability (preferably by endorsement) covering this contract, personal injury liability and broad form property damage liability.

[X] Automobile Liability Insurance:

Contractor shall provide Commercial Automobile Liability insurance with Combined Single Limits (CSL) of not less than **\$500,000** either in a single policy or in a combination of basic and umbrella or excess policies. The policy will include bodily injury and property damage liability arising out of the operation, maintenance and use of all automobiles and mobile equipment used in conjunction with this contract.

Satisfaction of the above requirement shall be in the form of a policy endorsement for:

- any auto, or
- all owned hired and non-owned autos.

[] Workers' Compensation Insurance

Contractor shall purchase and maintain Workers' Compensation insurance which, in addition to meeting the minimum statutory requirements for issuance of such insurance, has Employer's Liability limits of at least \$100,000 for each accident, \$100,000 per each employee, and a \$500,000 policy limit for occupational disease. The City need not be named as an "Additional Insured" but the insurer shall agree to waive all rights of subrogation against the City, its officials, agents, employees and volunteers for any work performed for the City by the Named Insured. For building or construction projects, the Contractor shall comply with the provisions of Attachment 1 in accordance with §406.096 of the Texas Labor Code and rule 28TAC 110.110 of the Texas Workers' Compensation Commission (TWCC).

[] Owner's and Contractor's Protective Liability Insurance

The Contractor shall obtain, pay for and maintain at all times during the prosecution of the work under this contract, an Owner's and Contractor's Protective Liability insurance policy naming the City as insured for property damage and bodily injury which may arise in the prosecution of the work or Contractor's operations under this contract. Coverage shall be on an "occurrence" basis and the policy shall be issued by the same insurance company that carries the Contractor's liability insurance. Policy limits will be at least **\$500,000.00** combined bodily injury and property damage per occurrence with a **\$1,000,000.00** aggregate.

[] Fire Damage Legal Liability Insurance

Coverage is required if Broad form General Liability is not provided or is unavailable to the contractor or if a contractor leases or rents a portion of a City building. Limits of not less than _____ each occurrence are required.

[] Professional Liability Insurance

Professional liability insurance with limits not less than **\$1,000,000.00** per claim with respect to negligent acts, errors or omissions in connection with professional services is required under this Agreement.

[] **Builders' Risk Insurance**

Builders' Risk Insurance, on an All-Risk form for 100% of the completed value shall be provided. Such policy shall include as "Named Insured" the City of Denton and all subcontractors as their interests may appear.

[] **Environmental Liability Insurance**

Environmental liability insurance for \$1,000,000 to cover all hazards contemplated by this contract.

[] **Riggers Insurance**

The Contractor shall provide coverage for Rigger's Liability. Said coverage may be provided by a Rigger's Liability endorsement on the existing CGL coverage; through and Installation Floater covering rigging contractors; or through ISO form IH 00 91 12 11, Rigger's Liability Coverage form. Said coverage shall mirror the limits provided by the CGL coverage

[] **Commercial Crime**

Provides coverage for the theft or disappearance of cash or checks, robbery inside/outside the premises, burglary of the premises, and employee fidelity. The employee fidelity portion of this coverage should be written on a "blanket" basis to cover all employees, including new hires. This type insurance should be required if the contractor has access to City funds. Limits of not less than \$_____ each occurrence are required.

[] **Additional Insurance**

Other insurance may be required on an individual basis for extra hazardous contracts and specific service agreements. If such additional insurance is required for a specific contract, that requirement will be described in the "Specific Conditions" of the contract specifications.

ATTACHMENT 1

[] Workers' Compensation Coverage for Building or Construction Projects for Governmental Entities

A. Definitions:

Certificate of coverage ("certificate")-A copy of a certificate of insurance, a certificate of authority to self-insure issued by the commission, or a coverage agreement (TWCC-81, TWCC-82, TWCC-83, or TWCC-84), showing statutory workers' compensation insurance coverage for the person's or entity's employees providing services on a project, for the duration of the project.

Duration of the project - includes the time from the beginning of the work on the project until the contractor's/person's work on the project has been completed and accepted by the governmental entity.

Persons providing services on the project ("subcontractor" in §406.096) - includes all persons or entities performing all or part of the services the contractor has undertaken to perform on the project, regardless of whether that person contracted directly with the contractor and regardless of whether that person has employees. This includes, without limitation, independent contractors, subcontractors, leasing companies, motor carriers, owner-operators, employees of any such entity, or employees of any entity which furnishes persons to provide services on the project. "Services" include, without limitation, providing, hauling, or delivering equipment or materials, or providing labor, transportation, or other service related to a project. "Services" does not include activities unrelated to the project, such as food/beverage vendors, office supply deliveries, and delivery of portable toilets.

- B. The contractor shall provide coverage, based on proper reporting of classification codes and payroll amounts and filing of any overage agreements, which meets the statutory requirements of Texas Labor Code, Section 401.011(44) for all employees of the Contractor providing services on the project, for the duration of the project.
- C. The Contractor must provide a certificate of coverage to the governmental entity prior to being awarded the contract.
- D. If the coverage period shown on the contractor's current certificate of coverage ends during the duration of the project, the contractor must, prior to the end of the coverage period, file a new certificate of coverage with the governmental entity showing that coverage has been extended.
- E. The contractor shall obtain from each person providing services on a project, and provide to the governmental entity:
 - 1. a certificate of coverage, prior to that person beginning work on the

project, so the governmental entity will have on file certificates of coverage showing coverage for all persons providing services on the project; and

2. no later than seven days after receipt by the contractor, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project.
- F. The contractor shall retain all required certificates of coverage for the duration of the project and for one year thereafter.
- G. The contractor shall notify the governmental entity in writing by certified mail or personal delivery, within 10 days after the contractor knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project.
- H. The contractor shall post on each project site a notice, in the text, form and manner prescribed by the Texas Workers' Compensation Commission, informing all persons providing services on the project that they are required to be covered, and stating how a person may verify coverage and report lack of coverage.
- I. The contractor shall contractually require each person with whom it contracts to provide services on a project, to:
1. provide coverage, based on proper reporting of classification codes and payroll amounts and filing of any coverage agreements, which meets the statutory requirements of Texas Labor Code, Section 401.011(44) for all of its employees providing services on the project, for the duration of the project;
 2. provide to the contractor, prior to that person beginning work on the project, a certificate of coverage showing that coverage is being provided for all employees of the person providing services on the project, for the duration of the project;
 3. provide the contractor, prior to the end of the coverage period, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;
 4. obtain from each other person with whom it contracts, and provide to the contractor:
 - a. a certificate of coverage, prior to the other person beginning work on the project; and

- b. a new certificate of coverage showing extension of coverage, prior to the end of the coverage period, if the coverage period shown on the current certificate of coverage ends during the duration of the project;
- 5. retain all required certificates of coverage on file for the duration of the project and for one year thereafter;
- 6. notify the governmental entity in writing by certified mail or personal delivery, within 10 days after the person knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project; and
- 7. Contractually require each person with whom it contracts, to perform as required by paragraphs (1) - (7), with the certificates of coverage to be provided to the person for whom they are providing services.
- J. By signing this contract or providing or causing to be provided a certificate of coverage, the contractor is representing to the governmental entity that all employees of the contractor who will provide services on the project will be covered by workers' compensation coverage for the duration of the project, that the coverage will be based on proper reporting of classification codes and payroll amounts, and that all coverage agreements will be filed with the appropriate insurance carrier or, in the case of a self-insured, with the commission's Division of Self-Insurance Regulation. Providing false or misleading information may subject the contractor to administrative penalties, criminal penalties, civil penalties, or other civil actions.
- K. The contractor's failure to comply with any of these provisions is a breach of contract by the contractor which entitles the governmental entity to declare the contract void if the contractor does not remedy the breach within ten days after receipt of notice of breach from the governmental entity.

Exhibit E
Certificate of Interested Parties Electronic Filing

In 2015, the Texas Legislature adopted House Bill 1295, which added section 2252.908 of the Government Code. The law states that the City may not enter into this contract unless the Contractor submits a disclosure of interested parties (Form 1295) to the City at the time the Contractor submits the signed contract. The Texas Ethics Commission has adopted rules requiring the business entity to file Form 1295 electronically with the Commission.

Contractor will be required to furnish a Certificate of Interest Parties before the contract is awarded, in accordance with Government Code 2252.908.

The contractor shall:

1. Log onto the State Ethics Commission Website at :
https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm
2. Register utilizing the tutorial provided by the State
3. Print a copy of the completed Form 1295
4. Enter the Certificate Number on page 2 of this contract.
5. Complete and sign the Form 1295
6. Email the form to purchasing@cityofdenton.com with the contract number in the subject line.
(EX: Contract 1234 – Form 1295)

The City must acknowledge the receipt of the filed Form 1295 not later than the 30th day after Council award. Once a Form 1295 is acknowledged, it will be posted to the Texas Ethics Commission's website within seven business days.

EXHIBIT F

PROPOSAL ENCLOSED FOR RFP #6400

SUPPLY AND IMPLEMENTATION OF COMPUTER AIDED DISPATCH SYSTEM,
MOBILE DATA SYSTEM, LAW RECORDS MANAGEMENT SYSTEM AND FIRE
RECORDS MANAGEMENT SYSTEM

FOR



FROM



Integrated Computer Systems, Inc.

Tommy Galbraith
3499 FM 1461
McKinney, Texas 75071
(214) 544-0022 ext 322
Fax: (214) 544-0025
www.icsnews.com
tommy@icsnews.com

Submission due: April 26, 2018 11:00 AM



3499 FM 1461
McKinney, TX 75071
214.544.0022
214.544.0025 fax

April 25, 2018

The City of Denton
Materials Management Department
901-B Texas Street
Denton, TX 76209

RE: RFP # 6400 for Supply and Implementation of CAD, Mobile, RMS and Fire Management Systems

Thank you for the opportunity to respond and submit the attached solution for the City of Denton. We look forward to working with you during the selection process.

ICS is a privately held company incorporated in 1974 with its corporate headquarters in McKinney, Texas. ICS offers a suite of fully-integrated solutions for the City of Denton based on the Athena™ platform. These products include solutions for Computer-Aided Dispatch, Mobile, Fire/EMS, and ICS Law with Electronic Case Submission. All solutions described in this response are designed, written and supported by Integrated Computer Systems unless otherwise noted.

ICS has never been involved in any litigation or been investigated by any agency related to the products, claims or performance of our products. ICS has never had a contract terminated due to non-performance. The company has one location, is wholly owned by three working principals, and has always been profitable in our 43 years of existence.

ICS started focusing on Public Safety applications in 1999 after seeing Texas agencies forced to buy from national and international conglomerates that did not know the value of efficient applications and local support. We only serve Texas agencies. Our philosophy of "no bloat" means we do not insert code in our applications for New Jersey or Ontario, then switch it off. ICS provides proven, highly-reliable hardware, feature-rich software, and a team of technical Texas-based experts, led by a dedicated Project Manager that understands your needs. Data is entered one-time only, not re-entered for disparate systems. Our experts will be there to help you achieve full benefit of the software long after the go-live date.

Our solutions combine the best technological offerings of hardware and mature software designed specifically to respond to your local public safety mandate. Availability, reliability and user-friendliness are primary guidelines for all members at ICS. It is also the intention of ICS to provide systems that grow to meet the future requirements of your community, rather than systems that require replacement within a few years of installation.

ICS is willing to negotiate the final product, services and pricing upon request. Please do not hesitate to contact me at 214.544.0022, extension 322 or tommy@icsnews.com for additional information on the products and services described in this proposal.

Sincerely,

A handwritten signature in black ink, appearing to read 'Thomas Galbraith', written in a cursive style.

Thomas Galbraith
Vice President of Sales

City of Denton
RFP for Supply of CAD, MDS, LRMS AND FRMS
SOLICITATION CHECKLIST

| Check when Completed | Task to be Completed by Respondent |
|----------------------|--|
| | Exhibit 1 – NOT APPLICABLE |
| X | Review Exhibit 2 – General Provisions and Terms and Conditions |
| X | Review Exhibit 3 – Scope of Work/Technical Specifications |
| X | Review Exhibit 3-1 Respondent Compliance |
| X | Review Exhibit 3-2 CAD System Specifications |
| X | Review / Complete 3-3 MDS Specifications |
| X | Review / Complete 3-4 Law RMS Specifications |
| X | Review / Complete 3-5 Fire RMS Specifications |
| X | Review/ Complete 3-6 Use Cases |
| X | Review / Complete 3-7 Supplemental Form |
| X | Review / Complete 3-8 Pricing Sheet |
| X | Cover Sheet |
| X | Solicitation number |
| X | Solicitation name |
| X | Firm name |
| X | Firm address |
| X | Contact name |
| X | Contact phone |
| X | Contact fax |
| X | Website address |
| X | Contact email address |
| X | Solicitation Checklist |
| X | Attachment A- Business Overview Questionnaire |
| X | Document how firm meets minimum qualifications (Section 3) |
| X | Detail to support evaluation criteria |
| X | Attachment B – Exception Form |
| X | Attachment C – Safety Record Questionnaire (if applicable) |
| X | Attachment D – Reference Form |
| X | Attachment E – Conflict of Interest Questionnaire Form – with signature |
| X | Attachment F - Acknowledgment of Addendum |
| X | Submission signed by authorized officer, in the order specified below |
| | <u>Hard Copy Submission:</u> If submitting a hard copy, the City requires one (1) original and three (3) copies, with the pricing sheet submitted electronically <u>in excel</u> or emailed <u>in excel</u> to Ebids@cityofdenton.com with the Solicitation # and name in the subject line. |
| X | <u>Electronic Submission:</u> If submitting an electronic proposal only, email to Ebids@cityofdenton.com with the Solicitation # and name in the subject line. The pricing sheet (Exhibit 1) must be <u>in excel</u> format. |

Attachment A – Business Overview Questionnaire and Forms

1. Contract Information (for formal contracting purposes):

The following information will be used to write a contract, should your firm be selected for award.

- Firm's Legal Name: Integrated Computer Systems, Inc.
- Address: 3499 FM 1461, McKinney Texas 75071
- Agent Authorized to sign contract (Name): Thomas Galbraith
- Agent's email address: tommy@icsnews.com

2. Subsidiary of: N/A

3. Organization Class (circle):

Partnership

Corporation

Individual

Association

4. Tax Payer ID#: 75-1463076

5. Date Established: December 1974

6. Historically Underutilized Business: Yes or No

7. Does your company have an established physical presence in the State of Texas, or the City of Denton?
Yes or No, in which? In the State of Texas in McKinney TX

8. Please provide a detailed listing of all products and/or services that your company provides.

ICS is exclusively dedication to Law enforcement and Public Safety agencies. ICS produces software for CAD, RMS, Mobile, and complimentary products such as Incident Management, Case packaging, and Property Room management. ICS also has interfaces to fire station alerting from USDD and Motorola, LexisNexis, Pro-QA, Brazos, CryWolf, TrapWire, Mentalix, and others. Detailed listing of all products and services can be disclosed during the Interview or negotiation phase of this RFP process.

9. Has your company filed or been named in any litigation involving your company and the Owner on a contract within the last five years under your current company name or any other company name? If so provide details of the issues and resolution if available. Include lawsuits where Owner was involved. (Notice: Failure to disclose this information during proposal submission, and later discovered, may result in contract termination at the Owner's option.)

No litigation involving the Company or any of our Owners

10. Have you ever defaulted on or failed to complete a contract under your current company name or any other company name? If so, where and why? Give name and telephone number of Owner.

ICS has never defaulted or failed to complete a contract under our current name since 1974. We challenge any other competitor to make that claim.

11. Have you ever had a contract terminated by the Owner? If so, where and why? Give name and telephone number (s) of Owner (s).

ICS has never had a contract terminated by the Owners.

12. Has your company implemented an Employee Health and Safety Program compliant with 29 CFR 1910 "General Industry Standards" and/or 29 CFR 1926 "General Construction Standards" as they apply to your Company's customary activities?

http://www.osha.gov/pls/oshaweb/owasrch.search_form?p_doc_type=STANDARDS&p_toc_level=1&p_keyvalue=1926

ICS follows all OSHA requirements, including 29 CFR 1910.

13. Resident/Non-Resident Bidder Determination:

Texas Government Code Section 2252.002: Non-resident bidders. Texas law prohibits cities and other governmental units from awarding contracts to a non-resident firm unless the amount of such a bid is lower than the lowest bid by a Texas resident by the amount the Texas resident would be required to underbid in the non-resident bidders' state. In order to make this determination, please provide the name, address and phone number of:

- a. Responding firms principle place of business:
McKinney, Texas
- b. Company's majority owner principle place of business:
McKinney, Texas
- c. Ultimate Parent Company's principle place of business:
N/A

14. **Provide details to support the evaluation criteria, including experience and delivery.**

ICS is a customer-centered company with 82% of our workforce assigned to our support services and development departments. This allows us to provide a consistent product and support experience, from implementation to scheduled updates, your satisfaction is primary. This is one reason why there has never been litigation against any product developed by ICS.

ICS is rare in the fact that the company, in its near 40 years of operation has ...

- never been involved in any form of litigation
- never changed company or corporate identity
- never had to give up ownership for venture capital
- never been involved in any IRS discrepancies
- an extremely high D&B credit rating ("Financial Strength: Strong, Paydex: 80, Credit History: Clear")
- no outstanding debt/loans (clear title of all facilities and land)

This speaks highly for the management's view on morals, ethics and financial obligations. They follow a simple philosophy - "deliver quality products and services." Additional information is in pages A-4 to A-10 following the signature of this section.

15. Provide details on how firm meets the minimum qualifications stated in this Main document Section

3.

- The details must be completed on this form, and shall not point to another document in the respondent's proposal.
- Sign below and return form with final submission.

ICS has been supplying similar products and services for over 20 years. ICS has implemented over 30 currently operational CAD/MDS/LERMS/FRMS agencies in North Texas alone. Population centers similar in size to Denton running ICS applications are the City of Frisco and Collin County Sheriff's Department. All of our agencies are running the same version and platform that will be installed for the City of Denton.

All components of the ICS system are compliant with the Health Insurance Portability and Accountability Act (HIPAA) of 1996 Privacy and Security Rules and any subsequent amendments, where applicable

ICS is fully capable and ready to implement the CAD/MDS/LERMS/FRMS within twelve (12) months of the contract award.

ICS will provide recent fiscal year financial report to demonstrate financial stability to the City upon request during contract negotiations. ICS is a private company and financial information is not included as part of this public RFP process. Profiles of the proposed Project Management Team can be found in this Section starting on page A-7.

ICS will *meet all* technical specifications as identified in 6400 Exhibit 3-1 through 3-7.

Integrated Computer Systems (ICS) is registered in the State of Texas and will provide the products or services required in the solicitation, and has all licensure required by the State to provide any services required under this contract. Integrated Computer Systems was issued Charter number 354241-0 from the Texas Secretary of State. All software is created and published in from our offices in McKinney Texas.

I certify that our firm meets the minimum qualifications as stated in this Main document, Section 3.



Signature

Integrated Computer Systems, Inc.

Company

4/02/2018

Date



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The CONFIDENTIAL information contained in this document is proprietary and is offered solely for the purpose of evaluation.

Vendor Evaluation Criteria for Experience and Delivery

ICS specializes in providing exceptional software solutions to the public safety community. Our innovative and talented staff of experts (most with law, fire and EMS backgrounds) have developed leading-edge software products. These comprehensive automation tools have enabled our budget limited clients to increase efficiency and responsiveness to a demanding public.

Our client base encompasses the most discriminating departments. These agencies understand and appreciate the term "hands-on-support." Your dedicated project manager will carefully guide and support your implementation before *and* after the go-live date. Having our corporate headquarters in Texas means we can be at your site quickly to provide on-site support and training. Our regularly scheduled training classes are a perfect way to learn best practices and procedures from our teachers and your peers.

We become your partner with your goals becoming ours.

Integrated Computer Systems was founded in 1974 and is located in McKinney, Texas. As the single author, all ICS products have been developed to fully integrate with each other, eliminating redundant data entry and greatly improving efficiency. This approach provides a high level of satisfaction without the high cost. As our products continue to evolve and improve, your agency will benefit from enhancements at no additional charge.

Integrated Computer Systems Advantages

Our time-tested implementation methodology starts with comprehensive training that allows your staff to fully customize and prototype different scenarios before go-live. Since 1974 we have ensured our clients a low-risk, well-planned, well-executed implementation. A project manager will be assigned as a single point of contact. This manager is permitted to draw on as many of the company resources as needed to achieve a successful launch. When a committed implementation team is coupled with a robust, integrated or interoperable software and hardware solution the results are always exceptional. We are not just your vendor but your neighbor.

- **Exceptional Customer CARE**

Maximizing the return on your software investment, ICS offers a comprehensive menu of support services. You can select the level of support that augments your internal support structure. ICS offers programs that include 24/7 after-hours support.

- **Software Assurance**

ICS offers an annual software assurance program. We assure that your software will stay up-to-date with the latest DPS, State and Federal mandates, as well as reflecting state-of-the-art software innovations. New enhancements are conceived and approved by focus groups, where the members are selected from our client base. Enhancements are documented and included in scheduled updates so all receive the benefit. This approach ensures your maintenance dollars are spent on enhancements which your agency/department will in turn realize a true benefit. ICS guards against bloated and inefficient programs that are difficult to use. This is especially beneficial in high turnover departments.

- **Free Training**

ICS knows that without adequate training, your agency will never realize the full benefit or potential of our products. In order to ensure your agency realizes the maximum level of efficiency, ICS offers training at our state-of-the-art training facility at no charge while under the level III support plan. ICS also offers 24/7 on-line video training that can be utilized for refresher or new hires. ICS also develops version enhancement videos that users can view at their leisure.

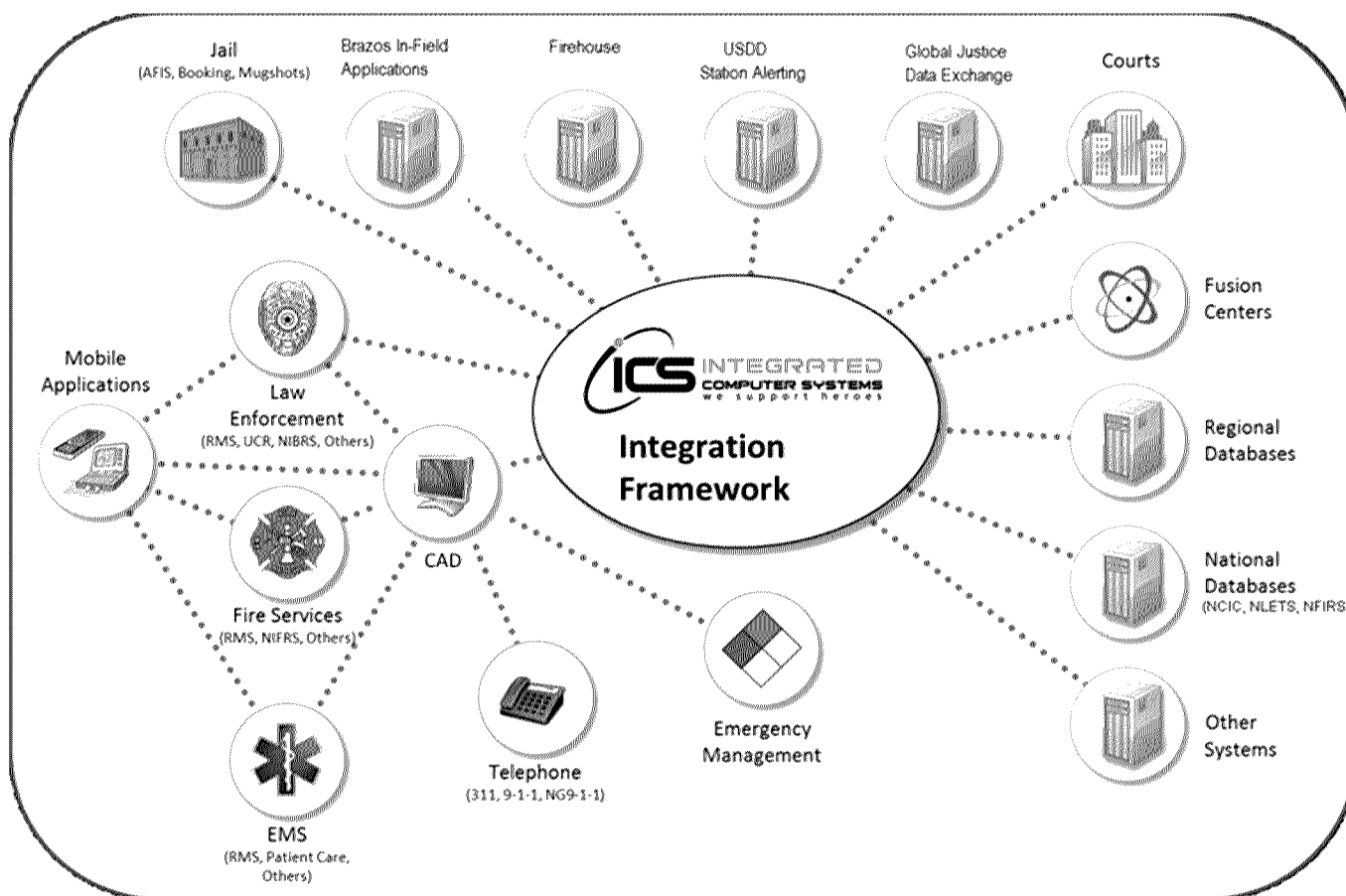
- On-Site Software Application Specialist**

Application specialists not only install and support our products, but they perform on-site reviews. These reviews include management guidance, end-user training, disaster recovery plan recommendations, staffing recommendations (management, clerical, and field) and more. With minimal guidance, your agency will quickly reap the benefits from our intelligent automation tools. The specialists can be contracted to come as often as weekly.

Public Safety Focus

The development of Public Safety applications began in 1999. At this time, ICS committed all corporate resources to the unique requirements of the public safety agenda. Integration, reliability, and user-friendliness are primary mandates for all ICS software development teams. Furthermore, ICS's intention is to provide systems that grow to meet the future requirements of a community, rather than systems that require replacement within a few years.

The Software Solution



In reviewing the functional elements of the RFP, ICS found that our comprehensive suite of solutions of CAD, GIS, Emergency Operations / Incident Command, Mobile Data, Fire and EMS Records, and Law Enforcement Records meets the requirements. ICS is very proud to offer such a wide range of truly integrated public safety solutions.

This comprehensive suite is designed to provide management and staff (at all levels) the tools required to significantly improve the efficiency of their agency. This was accomplished by utilizing the following tried and proven software and database design rules:

- Intelligent data sharing and integration between modules.
- Ability to utilize numerous reporting and presentation tools - relational ODBC compliant database.
- Single database for all applications - eliminates exporting and importing from disconnected servers/databases/applications.
- Eliminate all duplication of entry/data.
- Supports database distribution and replication across departmental servers.
- Stringent coding standards - consistent look and feel across the entire suite.
- Windows compliant - minimal training is required.

The System Architecture

The proposed system architecture uses a client/server topology for Computer Aided Dispatch for connecting each workstation to servers located in the Public Safety Communications Center. Each machine functions as a complete and powerful system with its own disk, memory, and processor. Software functionality within the configuration is located to maximize the distribution of processing and availability, as well as minimize points of failure.

The Computer-Aided Dispatch clients are equipped to perform most of its tasks independently. The workstations are not “thin clients”, with minimum functionality that require processing to be performed on the server, and it is not a mainframe system with non-intelligent terminals. The independent configuration of a CAD workstation allocates functionality most efficiently. For example, the CAD database server centralizes and maintains the informational structure, provides the necessary security, guarantees the integrity of the data, and allows for proper data sharing. The call taker/dispatcher workstations are configured with the software applications to perform activities locally, allowing most system processing to be accomplished at the workstation level. This architecture eliminates much of the network traffic associated with mainframe computing and maximizes use of the hardware. Furthermore, pushing much of the processing to the client level sustains system operability by isolating any client malfunction. In addition, introducing new workstations or servers requires minimal system configuration and produces little, if any, impact to on-going operations. It's a simple and elegant solution. The same design that sustains system operability supplies the flexibility necessary to take clients off-line for routine maintenance or to install upgrades, and clients may be added to the network as your community grows. To further enhance this flexibility, if activity on a server becomes too great, new servers can be added and processes can be easily redirected.

Complete End-to-End Solution

In the public safety marketplace, agencies are searching for an integrated information systems solution from a single vendor. ICS adopted this approach and provides turnkey command-and-control systems for critical applications such as dispatching emergency services. ICS also offers a powerful mobile user interface to the system if needed in the future.

Proven Experience with Industry-Standard Solutions

ICS has years of successful experience with systems built on this product and platform using Windows and Microsoft SQL Servers. From the beginning, ICS has embraced the concept of providing a commercial, off-the-shelf approach to developing public safety applications. While others in the industry may meet specific customer requirements through customization, ICS has developed a suite of products that meet those requirements through product configuration. This approach has allowed ICS to provide both a more stable application that will grow as needs dictate and one that will be easier for the customer to maintain and keep up-to-date.

In ICS's effort to develop state-of-the-art public safety software, we work closely with numerous industry recognized committees and organizations. They publish guidelines and white papers that ICS follows with a high

degree of compliance. There are times when these guidelines and recommendations differ from the latest technological standards and/or with our user community. In those cases, we discuss the change with our user group (through frequent focus group meetings). When a consensus is determined, the change is either implemented or placed back in our future enhancement database. These are the organizations that ICS follows for compliance and future direction:

National Emergency Number Association (NENA)
Association of Public Safety Communications Officials (APCO)
National Information Exchange Model Standards (NIEM)
Law Enforcement Information Sharing Program standards (LEISP)
Federal Communications Commission (FCC)
Electronic Components Industry Association (ECIA)
Institute of Electrical and Electronic Engineers (IEEE)
American National Standards Institute (ANSI)
National Fire Protection Agency (NFPA)
Texas Law Enforcement Telecommunications System (TLETS)
National Institute of Standards and Technology (NIST)
Criminal Justice Information Services (CJIS)
Commission on Accreditation for Law Enforcement Agencies (CALEA)
Microsoft Developer Network (MSDN)
ESRI Developer Network (EDN)

Platform

The current hardware platform is industry-standard Intel PCs running the Microsoft Server 2012 operating system for servers (with Microsoft Hyper-V or VMware virtualization as an option), Microsoft SQL 2012 for databases and Windows 7 or newer operating system for workstations. Hardware for the CAD solution is not brand-specific. Hardware recommendations are provided in the Network Configuration and Redundancy section. ICS may determine existing workstation/servers can be utilized once ICS has an opportunity to perform an on-site hardware/network performance evaluation.

Services

Although ICS is not providing the hardware component of this solution, we will consult with your IT department to insure your performance criteria is met. ICS will act as the prime contractor to provide all aspects of the software and services, as detailed in this proposal.

People

A long-time ICS business principal is to hire the best possible talent available and provide them with an environment where creativity, honesty and hard work are rewarded. This keeps our employee count/overhead low and product excellence high. This strategy has paid off because most of our team members have been with us for more than 10 years. This provides ICS a team of experienced professionals that understand the challenges and demands of the public safety marketplace.

This is a synopsis of our key managers:

Ray Sims - President

Ray is the founder, CEO and majority stockholder of ICS. ICS was the first company to develop public safety software that utilized a fast-search database in the United States. Under Ray's guidance, the company has grown to a nationally recognized developer of public safety software technology. As the leader of Integrated Computer Systems, Ray encourages all of our team members to treat our customers as we would like to be treated.

*Length of tenure with ICS: 43 years**Total public safety experience to-date: 35 years*

Certifications and education: CDP, CSP, CNE, FEMA/NIMS. Bachelors of Science in Information Technology and a minor in Mechanical Engineering.

Prior work experience:

- Lead the design and development of software applications for more than 100 large-scale, diverse (wholesale, retail, law enforcement, manufacturing and distribution) entities
- Developed and implemented GAAP compliant financial applications while employed at a CPA firm
- Member of the US Air Force's management team.

Mark Sims – Chief Operating Officer (COO)

Mark started his career in 1978 as a programmer with ICS. In a fast growing startup he had the opportunity to gain experience in training, customer support, programming manager, project manager and VP Development. He formed his own professional services company in 1998 for inventory control and RFID asset tracking. He rejoined ICS in 2012 as COO with the experiences gained from corporate sales and management. His motto is simple – make the customer happy and never tell them “no”.

*Length of tenure with ICS: 25 years**Total public safety experience to-date: 5 years*

Certifications and education: CDP, CSP, Bachelors of Science in Management Information Systems.

Prior work experience:

- *Training Instructor*
- *Project Manager*
- *Sales manager*
- *VP of Development*
- *President of ICS Professional Services*

Tommy Galbraith – Vice President of Sales

Tommy is an extremely knowledgeable and experienced sales consultant that fully understands what tools public safety agencies require to accomplish their goals. Besides visiting with prospects and clients, he donates (for the last 23 years) part of his time to be a reserve officer. This provides him with a constant source of real-world issues and challenges. This input is then translated into product enhancement specifications to help our users maintain a high level of efficiency and keep citizens safe.

*Length of tenure with ICS: 26 years**Total public safety experience to-date: 29 years*

Education and certifications: Graduated from Police Academy, Texas Certified Peace Officer License, NCR technical certifications.

Prior work experience:

- *Senior Vice President for CPS (developer of medical, tax and public safety software)*
- *Senior Account Manager for NCR corporation*

Stephen Ford – Director of Marketing

Stephen's exceptional ability to communicate (verbally and electronically) with a large audience has enabled ICS to expand our quantity and quality of prospects (new clients). His experience being an in-field, public safety, news reporter provides him with an acute ability to compose articles that have a high interest rate. Many agencies appreciate his positive spin on tragic events and his helpful and informative news articles. He truly appreciates our heroes and is committed to helping each and every one of them.

*Length of tenure with ICS: 5 years**Total public safety experience to-date: 7 years**Education: Bachelors of Arts in Journalism**Prior work experience:*

- Photojournalist
- Editor
- Senior Account Executive
- Corporate & Community Accounts Manager
- Assistant Director of Sales
- Area Sales Manager

Steve King – Manager of Software Architecture

Steve's team designs and develops state-of-the art code generation tools. This enables ICS to be able to robotically create robust applications in weeks instead of years. With their passion for precision, they ensure all projects meet exacting standards and testing guidelines. This strong commitment to quality and consistency enables ICS to be able to deploy multiple releases per year with less than 10 minutes of down-time.

*Length of tenure with ICS: 15 years**Total public safety experience to-date: 15 years*

Education and memberships: Bachelors of Science in Computer Science, member of the "Order of the Engineer" (association that emphasizes pride and responsibility in the engineering profession)

Prior work experience (4 years):

- Developed mobile applications for smartphones
- Designed and implemented interfaces to wind science, engineering and energy devices.

Clay Ginn – Manager of Product Development

Clay's extensive education and experience enable him to direct his team in the design and deployment of easy-to-use and technically advanced software applications. Our users are continually amazed with the intelligence and intuitiveness of his team's masterpieces.

*Length of tenure with ICS: 13 years**Total public safety experience to-date: 16 years*

Memberships, education and certifications: Member of Mensa International, completed over 100 hours of graduate coursework towards a PhD in Software Engineering, Masters of Science in Information Systems (Magna Cum Laude), Bachelors of Science in Business Information Technology, Microsoft Certified Professional, A+ Certified Hardware Technician, Technician Class Amateur Radio Operator, FEMA/NIMS certifications, Advanced Storm Spotter certification.

Prior work experience:

- Developed public safety software.
- Police/Fire/EMS call-taker/dispatcher

Eric Sisk – Implementation and Customer Operations Manager

Eric instructs developers in ease-of-use design philosophies and provides exceptional technical/non-technical support to clients. With his wealth of hands-on experience, in a fast-paced, high-crime environment, his expertise is of extreme value to the in-house team and our valued clients. With his vast project management and public safety experience, he is able to get systems implemented in a very short time while lowering the client's stress factor.

Denton RFP #6400**Attachment A***Length of tenure with ICS: 11 years**Total public safety experience to-date: 23 years*

Certifications and education: Graduated from Police Academy in 1995, Advanced Peace Officer status, TCLOSE Instructor certified, Arson Investigator certified, over 20 years of law enforcement experience, Project Management certified.

Prior work experience:

- Patrol Officer
- Crime Scene Investigator
- Records Supervisor
- Training Coordinator
- Dispatch Support
- Crime Analyst
- Property Room Manager
- TCLOSE Instructor certified
- IT Manager

Karyn Fortune – Customer Support and Software Application Specialist

Karyn provides real-world/hands-on training, empathetic support services and on-site software utilization reviews. This unique strategy provides our agencies with periodic reviews of the features/functions that could/should be utilized to achieve full benefit. After this review, a detailed report is provided to management along with a strategy to help them achieve better utilization—ICS provide free training, agency procedure changes, etc.

*Length of tenure with ICS: 6years**Total public safety experience to-date: 18 years*

Certifications and education: Graduated from Police Academy in 2001, Advanced Telecommunications Certificate, Advanced Emergency Medical Dispatch Certificate (EMD), Project Management certified.

Prior work experience:

- Patrol Officer
- Narcotics Detective
- Communications Supervisor
- Records Manager
- Terminal Agency Coordinator (TAC).

Katherine Kozarevich – Customer Support and Software Application Specialist

Katherine provides real-world/hands-on training and empathy after working as a detention officer at Collin County Sheriff's Office and a police officer. During her time as an officer and Corporal for the City of Celina, she used ICS Athena Law Records and Mobile. As an FTO, she was the go-to person for Law records and helped other officers with proper reporting, narratives and IBR coding.

*Length of tenure with ICS: 1 year**Total public safety experience to-date: 10 years*

Certifications and education: Graduated from Police Academy in 2011, Intermediate Peace Officers license, Meritorious Conduct Award 2016, Officer of the Year 2015.

Prior work experience:

- Patrol Officer, Corporal and FTO
- Detention Officer Certification 2008
- Sexual Assault/ Family Violence Investigator
- Crisis Intervention Liaison
- Mental Health Officer

More detail resumes for the individuals above or other employee resumes are available upon request.

Attachment B – Submission Exceptions/Clarifications

Any exceptions or clarifications taken to this solicitation (**including terms and conditions in Exhibit 2, the General Provisions and Terms and Conditions**) must be itemized on the lines below. Additional pages may be added as needed. If there are no exceptions or clarifications, please sign where indicated at the bottom of the page.

Item # Description

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The above exceptions and clarifications (and any additional pages identified) are the ONLY exceptions/clarifications to the specifications, General Provisions and Terms and Conditions in Exhibit 2, and sample contract to this solicitation. I understand that the City may not accept additional exceptions produced after final submission of this proposal.

Signature

Company

Date

No Exceptions are taken to this solicitation or the General Provisions and Terms and Conditions in Exhibit 2.



Signature

Integrated Computer Systems, Inc.

Company

4/02/2018

Date



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Attachment C – Safety Record Questionnaire

NOT APPLICABLE

Attachment D – References

Please list three (3) Government references, **other than the City of Denton**, who can verify the quality of service your company provides. The City prefers customers of similar size and scope of work to this solicitation.

This also satisfies the requirement in Section 3, page 4, where the RFP requests five (5) references from various governmental entities for the products or services requested. Three (3) of these references shall be from municipalities of similar size. All clients are currently maintained with an ICS support contract.

Rowlett Police and Fire Departments

| | | | |
|-----------------|--|---------------|--|
| Contact: | Assist Chief Michael Godfrey Rowlett Police Department 4401 Rowlett Rd. Rowlett, Texas 75030-0370 | Phone: | 972-412-6200 |
| | | Email: | MGodfrey@rowlett.com |

Scope of Work: ICS installed 5 GIS-centric CAD workstations and 50 Mobile Data Computers with Records licenses for the City. ICS trained 80 officers, 16 CAD operators, Animal control, Property room, Personnel and converted data from an existing Visionaire system. System included Pro-Qa, mug shots and Brazos interface.

| | | | |
|----------------------------|---------------------------------|--------------------------------|-----------|
| Annual Call Volume: | 60,564 (plus 54,206 activities) | Population: | 62,000 |
| Go Live Date: | 08/21/2012 | Last Software Purchase: | 9/12/2017 |

Flower Mound Police and Fire Departments

| | | | |
|-----------------|--|---------------|--|
| Contact: | Assist Chief Wendell Mitchell Flower Mound PD 2121 Cross Timbers Road Flower Mound, Texas 75028 | Phone: | 972.874.8819 |
| | | Email: | Wendell.Mitchell@flower-mound.com |

Scope of Work: ICS installed 6 CAD workstations and 33 Mobile Data Computers for 75 officers. ICS trained CAD operators, policemen, animal control and property room personnel over a 30 day period after the contract was signed and the Go-Live date.

| | | | |
|----------------------------|-------------------------------|--------------------------------|-----------|
| Annual Call Volume: | 100K (plus 85,498 activities) | Population: | 73,000 |
| Go Live Date: | 5/20/2005 | Last Software Purchase: | 1/31/2017 |

Collin County Sheriff's Office

| | | | |
|-----------------|---|---------------|--|
| Contact: | Commander Pam Palmisano Collin County Sheriff's Office 4300 Community Blvd. McKinney, TX 75070 | Phone: | 972-547-5110 |
| | | Email: | PPalmisano@co.collin.tx.us |

Denton RFP #6400**Attachment D**

Scope of Work: ICS installed twelve (12) CAD workstations, 99 Mobile, and 132 Law Records for over 200 deputies at the main justice center where 26 agencies are processed. ICS also installed Identix Live Scan interface, Mug Shots, and Brazos interface among other products used by the SO.

| | | | |
|----------------------------|-----------------------------------|--------------------------------|-----------|
| Annual Call Volume: | 200,386 (plus 180,000 activities) | Population: | 914,000 |
| Go Live Date: | 1/01/1994 | Last Software Purchase: | 9/12/2017 |

Frisco Police and Fire

| | | | |
|-----------------|---|---------------|--|
| Contact: | Chief John Bruce Frisco Police Department 7200 Stonebrook Parkway Frisco, TX 75034 | Phone: | 972-292-6100 |
| | | Email: | JBruce@friscotexas.gov |

Scope of Work: Eighteen (18) CAD workstations, 94 Mobile, and 180 Law Records license and "Closest-To" dispatch (which was recently profiled on NBC5 and has won numerous awards). Other ICS products installed and supported are the Mentalix fingerprint interface, Incident Command, Permits, Warrants, Personnel, Pro-QA, and Brazos.

| | | | |
|----------------------------|-----------------------------------|--------------------------------|------------|
| Annual Call Volume: | 125,560 (plus 198,000 activities) | Population: | 163,000 |
| Go Live Date: | 1/01/1996 | Last Software Purchase: | 10/23/2017 |

Wylie Police and Fire Rescue

| | | | |
|-----------------|---|---------------|--|
| Contact: | Chief Anthony Henderson Wylie Police Department 2000 N. Highway 78 Wylie, TX 75098 | Phone: | 972-442-8172 |
| | | Email: | Anthony.Henderson@wylietexas.gov |

Scope of Work: CAD, Mobile, Law Records, Fire Records and EMS Records are deployed at the main center. EOC and Incident Command, with an emergency dispatch station is deployed in the Wylie EOC center.

| | | | |
|----------------------------|----------------------------------|--------------------------------|-----------|
| Annual Call Volume: | 42,000 (plus 104,000 activities) | Population: | 48,000 |
| Go Live Date: | 6/01/1999 | Last Software Purchase: | 8/04/2016 |

Attachment E – Conflict of Interest

CONFLICT OF INTEREST QUESTIONNAIRE -

FORM CIQ

For vendor or other person doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local government entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. *See* Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

1 Name of vendor who has a business relationship with local governmental entity.

Integrated Computer Systems, Inc.

2

☐

Check this box if you are filing an update to a previously filed questionnaire.

(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information in this section is being disclosed.

N/A

Name of Officer

This section, (item 3 including subparts A, B, C & D), must be completed for each officer with whom the vendor has an employment or other business relationship as defined by Section 176.001(1-a), Local Government Code. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer named in this section receiving or likely to receive taxable income, other than investment income, from the vendor?

☐

Yes

☒

No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer named in this section AND the taxable income is not received from the local governmental entity?

☐

Yes

☒

No

C. Is the filer of this questionnaire employed by a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership of one percent or more?

☐

Yes

☒

No

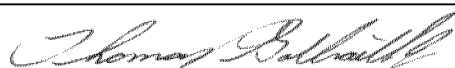
D. Describe each employment or business and family relationship with the local government officer named in this section.

4

☒

I have no Conflict of Interest to disclose.

5



Signature of vendor doing business with governmental entity

April 24, 2018

Date

Attachment F – Acknowledgement

The undersigned agrees this submission becomes the property of the City of Denton after the official opening.

The undersigned affirms he has familiarized himself with the specification, drawings, exhibits and other documents; the local conditions under which the work is to be performed; satisfied himself of the conditions of delivery, handling and storage of materials and equipment; and all other matters that will be required for the work before submitting a response.

The undersigned agrees, if this submission is accepted, to furnish any and all items/services upon which prices are offered, at the price(s) and upon the terms and conditions contained in the specification. The period for acceptance of this submission will be 120 calendar days unless a different period is noted.

The undersigned affirms that they are duly authorized to execute this contract, that this submission has not been prepared in collusion with any other respondent, nor any employee of the City of Denton, and that the contents of this submission have not been communicated to any other respondent or to any employee of the City of Denton prior to the acceptance of this submission.

Respondent hereby assigns to the City any and all claims for overcharges associated with this contract which arise under the antitrust laws of the United States, 15 USCA Section 1 et seq., and which arise under the antitrust laws of the State of Texas, Tex. Bus. & Com. Code, Section 15.01, et seq.

The undersigned affirms that they have read and do understand the specifications, all exhibits and attachments contained in this solicitation package.

The undersigned agrees that the solicitation package posted on the website are the official specifications and shall not alter the electronic copy of the specifications and/or pricing sheet (Exhibit 1), without clearly identifying changes.

The undersigned understands they will be responsible for monitoring the City of Denton Purchasing Website at: <http://www.cityofdenton.com/index.aspx?page=397> to ensure they have downloaded and signed all addendum(s) required for submission with their response.

I certify that I have made no willful misrepresentations in this submission, nor have I withheld information in my statements and answers to questions. I am aware that the information given by me in this submission will be investigated, with my full permission, and that any misrepresentations or omissions may cause my submission to be rejected.

Acknowledge receipt of following addenda to the solicitation:

Addendum No 1 Dated 3/08/2018 Received 3/08/2018

Addendum No 2 Dated 3/28/2018 Received 4/03/2018

Addendum No 3 Dated _____ Received _____

NAME AND ADDRESS OF COMPANY:

Integrated Computer Systems, Inc.

3499 FM 1461

McKinney, TX 75071

AUTHORIZED REPRESENTATIVE:

Signature



Date April 25, 2018

Name Thomas Galbraith

Title VP of Sales



**Materials Management Department
901-B Texas Street
Denton, Texas 76209**

**REQUEST FOR PROPOSALS
RFP 6400 ADDENDUM #1**

**The City of Denton is seeking the best value solution for the:
SUPPLY AND IMPLEMENTATION OF COMPUTER AIDED DISPATCH
SYSTEM, MOBILE DATA SYSTEM, LAW RECORDS MANAGEMENT
SYSTEM AND FIRE RECORDS MANAGEMENT SYSTEM**

NIGP CLASS and ITEM

| | |
|------------|-----------|
| 209 | 37 |
| 920 | 31 |

**Issue Date: February 23, 2018
Response due Date and Time (Central Time):
Thursday, April 26, 2018, 11:00 A.M. C.S.T**

The City highly recommends that respondents do not wait until minutes before the due date and time to email a submission.

It can take significant time for the submissions to reach the City.

RFP#6400 ADDENDUM #1
SUPPLY OF CAD, MDS, LRMS AND FRMS

1. In completing the various RFP documents we noticed that "6400 Exhibit 3-4 Law RMS Specifications.xlsx" has sheet "Law RMS General" protected. Would you be so kind as to send us a revised version of "6400 Exhibit 3-4 Law RMS Specifications.xlsx" where sheet "Law RMS General" is not protected.

Answer: Please see attached revision of this excel spread sheet, for your review and responses. EXCEL FILE LABELED: RFP#6400 Exhibit 3-4 REVISED Law RMS Specifications 06Mar2018

2.0 At XYZ company, we use a FairCom c-treeACE SQL Server (See Attachment). Will the tech services team consider this server or others outside of the Microsoft SQL Server? (Referenced below, also listed in various places in the functional specs and other RFP documents)

3.19.4 Standard Operating Systems and Other Software

The specified operating systems must be the highest version commercially available with the capability of version upgrade. All third-party licenses acquired through the Vendor must be in the name of, and be the property of, the City. The Vendor must provide all licenses (e.g., software, support) purchased in the name of the City prior to payment for the software. Respondents must provide the name and version number of the proposed operating system in its proposal.

The City requires that the proposed CAD, MDS, LERMS, and FRMS solution utilize Microsoft SQL Server for all active and historical data storage. The Respondent must describe the version of Microsoft SQL Server currently commercially available in an installed and tested solution.

Answer: City of Denton will evaluate proposals based upon the stated requirements in the RFP. Servers outside of the Microsoft SQL Server specifications will not meet these requirements.

NO OTHER CHANGES AT THIS TIME

All Documents can be obtained by accessing the City of Denton's Materials Management website at:

[https:// www.cityofdenton.com/business/solicitations-contracting](https://www.cityofdenton.com/business/solicitations-contracting)

This form must be signed and returned with your proposal.

Name: Thomas Galbraith

Signature: 

Company: Integrated Computer Systems, Inc.

Title: VP of Sales Date: March 9, 2018

Addendum #1 to be returned with Proposal

Respondent Compliance

The following two (2) pages contain the ICS response for City of Denton Respondent Compliance Matrix.

City of Denton RFP #6400 Exhibit 3-1: Respondent Compliance Matrix

| Section | Section Header | Bidder Response |
|--|---|-----------------|
| | The response Comply indicates the Bidder has read and understands the referenced section of the RFP | |
| 3.1 | Purpose | Comply |
| 3.2 | Background | Comply |
| 3.3 | PSAP Environment | Comply |
| Table 3-2 | Required interfaces | Comply |
| Section 3.4 - Project Expectations | | |
| 3.4 (A) | Tested and operational systems | Comply |
| 3.4 (B) | Virtual environment | Comply |
| 3.4 (C) | Software license termination | Comply |
| 3.4 (D) | Software escrow account | Comply |
| 3.4 (E) | Licensing options | Comply |
| 3.4 (F) | Data dictionary | Comply |
| 3.4 (G) | APCO ANS 1.110.102015 standard | Comply |
| 3.4 (H) | LEITSC Record Management System V.2 | Comply |
| Section 3.5 - System Configuration | | |
| 3.5 | Figure 3-1 Public Safety network diagram | Comply |
| Section 3.6 - Respondent Characteristics | | |
| 3.6 | Respondent minimum qualifications | Comply |
| 3.6.1 | Respondent required experience | Comply |
| Section 3.7 - Commitment to Use Case Demonstrations | | |
| 3.7 | Use Case explanations and demonstrations | Comply |
| Section 3.8 - Mandatory Technical Requirements | | |
| 3.8.1 | RFP Exhibit 3 Attachments 1 through 7 | Comply |
| 3.9.2 | Explanation of Clarifications and Exceptions | Comply |
| Section 3.9- Project Management Methodology | | |
| 3.90 | Project management methodology | Comply |
| Section 3.10 - Project Communications | | |
| 3.1 | Communications management | Comply |
| Section 3.11 - Implementation Staff | | |
| 3.11 | Proposed implementation staff | Comply |
| Section 3.12 - Training | | |
| 3.12.1 | Training Guidelines | Comply |
| 3.12.2 | Test and Training Environments | Comply |
| Section 3.13 - System Documentation | | |
| 3.13 | System documentation | Comply |
| Section 3.14 - Data Migration | | |
| 3.14 | Data migration and conversion | Comply |
| Section 3.15 - General Maintenance Provisions | | |
| 3.15 | Maintenance and support provisions | Comply |
| Section 3.16 - System Maintenance and Support | | |
| 3.16 | Warranty, maintenance, and support | Comply |
| Section 3.17 - Failover Solution and File Back-up/File Recovery | | |
| 3.17 | Redundancy and resiliency solution | Comply |
| Section 3.18 - Hardware Requirements | | |
| 3.18 | Provision of hardware and specifications | Comply |
| Section 3.19 - General System Requirements | | |
| 3.19.1 | System design | Comply |
| 3.19.2 | Virtualized Server Environment | Comply |
| 3.19.3 | Service related to software installation | Comply |
| 3.19.4 | Standard operating systems and other software | Comply |
| 3.19.5 | Networking | Comply |
| Section 3.20 - Host Server Requirements | | |
| 3.20.1 | Hardware requirements | Comply |
| 3.20.2 | Concurrent system operations | Comply |

| | | |
|--|---|--------|
| Section 3.21 - Application Virtual Server Definition and Requirements | | |
| 3.21 | Virtual machine configuration | Comply |
| Section 3.22 - End-User Workstation Requirements | | |
| 3.22.1 | Desktop hardware and software | Comply |
| 3.22.2 | Mobile computer hardware and software | Comply |
| 3.22.3 | Tablet and smartphone devices | Comply |
| Section 3.23 - Performance Requirements | | |
| 3.23 | Performance related requirements | Comply |
| Section 3.24 - Testing | | |
| 3.24 | Performance criteria and test plans | Comply |
| Section 3.25 - Functional Acceptance Testing | | |
| 3.25 | Functional acceptance testing (FAT) procedures | Comply |
| Section 3.26 - Integration Testing | | |
| 3.26 | Vendor shall demonstrate that interfaces are functional | Comply |
| Section 3.27 - Initial System Acceptance | | |
| 3.27 | Agreement of initial system acceptance (ISA) | Comply |
| Section 3.28 - Go-Live and 45 Day Reliability Test | | |
| 3.28 | 45 day performance test period | Comply |
| Section 3.29- Final Acceptance Testing | | |
| 3.29 | Final system acceptance | Comply |
| Section 3.30 - Ongoing System Performance | | |
| 3.30 | Ongoing system performance | Comply |
| Section 3.31 - System Performance Profile | | |
| 3.31 | Performance criteria A through F | Comply |
| 3.31.1 | System response times | Comply |
| 3.31.1.1 | Transaction maximum response times | Comply |
| 3.31.1.2 | Transaction times for CAD and MDS | Comply |
| 3.31.2 | Transaction maximum response times for LERMS and FRMS | Comply |
| 3.31.3 | Computer system availability | Comply |
| Section 3.32 - Support and Maintenance Requirements | | |
| 3.32 | Basic support for covered applications | Comply |
| Section 3.33- Software Errors | | |
| 3.33 | Correction of software malfunctions | Comply |
| Section 3.34 - Error Reporting | | |
| 3.34 | Error reporting and classification | Comply |
| Section 3.35 - Technical Support Center | | |
| 3.35 | 24x7x 365 telephone support and assistance | Comply |
| Section 3.36 - Software Malfunction Severity Level Definitions | | |
| 3.36.1 | Severity level 1 definition | Comply |
| 3.36.2 | Severity level 2 definition | Comply |
| 3.36.3 | Severity level 3 definition | Comply |
| 3.36.4 | Severity level 4 definition | Comply |
| 3.36.5 | Workaround definition | Comply |
| Section 3.37 - Escalation | | |
| 3.37 | Escalation policies and procedures | Comply |
| Section 3.38 - Response Time Credits | | |
| 3.38 | Maintenance and response credits | Comply |
| Section 3.39 - Confidentiality and Security | | |
| 3.39 | CJIS Security Policy requirements | Comply |
| Section 3.40 - Delays | | |
| 3.40 | Implementation status reporting and alternative procurement | Comply |
| Section 3.41- Delivery Failures | | |
| 3.41 | Remedies for delivery failure | Comply |

CAD System Specifications

The following forth-two (42) pages contain the ICS response for the City of Denton's CAD System Specifications.

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|---|------------|--|-------------------------------|--|
| System Administration | | | | |
| 1 | Mandatory | System data tables are maintained via graphical user interface (GUI)-based forms | Comply | ICS Management Console |
| 2 | Mandatory | Access to data table administration screens is restricted by operator, role, and workstation | Comply | |
| 3 | Mandatory | Standard Microsoft (MS) Windows edit features are available when using System Administration forms | Comply | |
| 4 | Mandatory | Access to data system administration utilizes MS Active Directory (AD) network management tools | Comply | ICS's implementation of CJIS security rules allow AD logins. |
| Maintenance for system tables allows the following actions: | | | | |
| 5 | Mandatory | Cut | Comply | |
| 6 | Mandatory | Paste | Comply | |
| 7 | Mandatory | Copy | Comply | |
| 8 | Mandatory | Insert | Comply | |
| 9 | Mandatory | Delete | Comply | |
| 10 | Mandatory | System data tables can be initially loaded via import of comma-separated values (CSV) or MS Excel files using agency-created data | Comply | ICS employs generic import utilities that read csv export files. The exported data will need to comply with ICS's minimum data requirement. ICS employs Microsoft SQL referential integrity. |
| 11 | Mandatory | Administration of system tables for all modules of the proposed system can be maintained from multiple authorized workstations | Comply | |
| 12 | Mandatory | Administration of system tables for all modules of the proposed system can be maintained securely from remote workstations | Comply | |
| 13 | Mandatory | Administration of system tables for all modules of the proposed system can be maintained securely from Web-based remote workstations | Comply | All code tables can be maintained through a native web app. |
| 14 | Mandatory | The system provides a network monitoring capability that will send messages to agency-defined devices or operator accounts when predefined network problems are detected | Partial Comply or Alternative | ICS provides tools that our support staff uses to measure 17 different network/database/database server/client workstation metrics. |
| 15 | Mandatory | The system handles errors and error correction in a consistent manner throughout the application | Comply | |
| 16 | Mandatory | The system displays descriptive messages for data entry issues and system-related problems | Comply | |
| 17 | Mandatory | The system provides editing capabilities for error correction. | Comply | |
| 18 | Mandatory | When errors are encountered within a data entry form, the system automatically places the cursor on the field in error and displays a descriptive error message | Comply | |
| System Table Maintenance | | | | |
| 19 | Mandatory | The system has the capability to migrate event record data from the current CAD to the proposer's CAD system based for a agency defined period of time | Comply | If current CAD event data is in an ICS approved format |
| 20 | Mandatory | The system has the capability to migrate premises history data from the current CAD to the Proposer's CAD system | Comply | If current CAD premise history is in an ICS approved format |
| 21 | Mandatory | The system has the capability to import premises hazard / alert data from the current CAD to the Proposer's CAD system | Comply | If current CAD hazard/alert data is in an ICS approved format |
| 22 | Mandatory | System table data can be imported from the current CAD to the Proposer's CAD system from a standard format (e.g., CSV, MS Excel) | Comply | If the source tables contain the same data elements as the destination. |
| 23 | Mandatory | System tables can be updated without requiring a system restart | Comply | |
| 24 | Mandatory | System tables can be updated without requiring workstation restart | Comply | |
| 25 | Mandatory | System tables can be updated without requiring application log-off / log-in | Comply | |
| 26 | Mandatory | System table data can be imported from standard format (e.g., MS Excel) files | Comply | If the source tables contain the same data elements as the destination. |
| 27 | Mandatory | System table data can be exported to standard format files (e.g., CSV, MS Excel) that can be used to create a printable listing | Comply | |
| 28 | Mandatory | Performing system table maintenance does not degrade system performance | Comply | |
| 29 | Mandatory | Table maintenance operations are logged | Comply | |
| 30 | Mandatory | Table maintenance logs are searchable, retrievable, and reportable | Comply | |
| 31 | Mandatory | The system utilizes a forms-based user interface for data table maintenance. | Comply | |
| 32 | Mandatory | The system allow system maintenance to be performed using a remote terminal, utilizing security features associated with login roles and workstation restrictions | Comply | |
| The system creates and maintains support data files used in dispatch center operations, including: | | | | |
| 33 | Mandatory | Street closures | Comply | |
| 34 | Mandatory | Special equipment file(s) | Comply | |
| 35 | Mandatory | Telephone numbers lists | Comply | |
| 36 | Mandatory | Notification lists | Comply | |
| 37 | Mandatory | Personnel files | Comply | |
| 38 | Mandatory | Special skills (e.g., foreign language, K-9) | Comply | |
| 39 | Mandatory | Public agency referral lists (e.g., public utilities) | Comply | |
| 40 | Mandatory | Special resource files | Comply | |
| 41 | Mandatory | Files necessary for unit recommendation | Comply | |
| Archive data | | | | |
| 42 | Mandatory | The system provides a method to write data associated with CAD events to a non-production server database (i.e., to an archive database) | Partial Comply or Alternative | Since our database is based on 3NF there has never been a need to archive data. |
| 43 | Mandatory | CAD event data written to the archive database includes all associated event and unit data | Partial Comply or Alternative | |
| 44 | Mandatory | The system provides a method to write all logs, systems messages, CAD messages to an archive database | Partial Comply or Alternative | |
| 45 | Mandatory | An authorized user selects the timeframe for data to be written to the archive database | Partial Comply or Alternative | |
| 46 | Mandatory | The system provides a method to select the data to be written to the archive database by time period (e.g., from / to dates) | Partial Comply or Alternative | |
| 47 | Mandatory | The system provides a method to validate the data written to the archive database | Partial Comply or Alternative | |
| 48 | Mandatory | The system provides a method to purge the data from the production database only after the data has been copied to the archive database and verified | Partial Comply or Alternative | ICS only purges non-critical information (GPS, NCIC returns, etc.). With our optimized database (3rd normal form) retaining history has never been an issue. |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|--|------------|---|-----------------|--|
| 49 | Mandatory | An authorized user selects the timeframe for data to be purge from the production database | Comply | These are performed in a scheduled task. |
| 50 | Mandatory | The system process to purge data from the production database does not require the operator to reference each data set in accessing and removing data. The system will synchronize the data sets of the data to be removed. | Comply | |
| 51 | Mandatory | Using archiving and purging functions provided with the system do not result in orphaned data in the production data bases | Comply | |
| 52 | Mandatory | Archiving and purging data does not affect performance of the production CAD system | Comply | |
| Time Synchronization | | | | |
| 53 | Mandatory | The system accepts time standard from a master clock device | Comply | |
| 54 | Mandatory | The time standard synchronizes across all CAD databases, workstations, and servers. | Comply | |
| Date and Time | | | | |
| 55 | Mandatory | System time can be displayed as a 24-hour format. | Comply | |
| 56 | Mandatory | System time will auto-adjust for Daylight Saving Time (DST) without impacting system operations | Comply | |
| 57 | Mandatory | The date is displayed as YYYYMMDD | Comply | Dates are stored in YYYYMMDD format but displayed in standard US format MM/DD/YYYY |
| 58 | Mandatory | The time is displayed as HH:MM:SS | Comply | |
| 59 | Mandatory | The date display is configurable by agency | Does Not Comply | Dates are stored in YYYYMMDD format but displayed in standard US format MM/DD/YYYY |
| 60 | Mandatory | The time display is configurable | Does Not Comply | All times are displayed as local time. |
| 61 | Mandatory | All times are displayed as local time | Comply | |
| Definable Function Keys | | | | |
| 62 | Mandatory | The system allows the execution of CAD functions using predefined keyboard function keys | Comply | |
| 63 | Mandatory | The agency can define the function keys using a system-enabled process through the system administration functions | Comply | |
| 64 | Mandatory | The system allows any CAD function to be defined with a function key | Comply | |
| Operating Environment | | | | |
| 65 | Mandatory | The workstation operating environment is MS Windows 7 or later release | Comply | |
| 66 | Mandatory | The system operating environment utilizes standard MS Windows 7 or later functionalities | Comply | |
| 67 | Mandatory | The workstation operating environment is MS Windows 10 or later release | Comply | |
| 68 | Mandatory | The system operating environment utilizes standard MS Windows 10 functionalities | Comply | |
| MS Windows functionalities, at a minimum, include: | | | | |
| 69 | Mandatory | Cut | Comply | |
| 70 | Mandatory | Copy | Comply | |
| 71 | Mandatory | Paste | Comply | |
| 72 | Mandatory | Cut / copy / paste between forms | Comply | |
| 73 | Mandatory | Delete | Comply | |
| 74 | Mandatory | Sort | Comply | |
| 75 | Mandatory | Insert | Comply | |
| 76 | Mandatory | Print screen | Comply | |
| 77 | Mandatory | Tab through the form fields | Comply | |
| 78 | Mandatory | Back-tab through the form fields | Comply | |
| 79 | Mandatory | Move windows | Comply | |
| 80 | Mandatory | Resize windows | Comply | |
| 81 | Mandatory | Find | Does Not Comply | |
| 82 | Mandatory | Replace | Does Not Comply | |
| 83 | Mandatory | Ability to use the numeric keypad for number entry | Comply | |
| 84 | Mandatory | Ability to use an external numeric keypad for number entry | Comply | |
| 85 | Mandatory | Point and click | Comply | |
| 86 | Mandatory | Drag and drop | Comply | |
| 87 | Mandatory | Drop-down lists | Comply | |
| 88 | Mandatory | Vertical scroll bar, when the vertical display is larger than the defined area | Comply | |
| 89 | Mandatory | Word wrap, when the horizontal display is larger than the defined area | Comply | |
| 90 | Mandatory | Word wrap configured with line breaks between words, not within words | Comply | |
| 91 | Mandatory | Ability to engage spell check on narrative fields as selected by an operator | Comply | |
| 92 | Mandatory | The server operating environment uses MS Server 2016, or later version | Comply | |
| 93 | Mandatory | The proposed system supports virtualization for the server environment | Comply | |
| 94 | Mandatory | The proposed system supports virtualization for the storage environment | Comply | |
| 95 | Important | The proposed system supports virtualization for the workstation environment | Comply | |
| 96 | Important | The database operating environment uses the MS Structured Query Language (SQL) for database management | Comply | |
| 97 | Mandatory | The proposed CAD system availability is 99.999 percent | Comply | |
| 98 | Mandatory | The system has the capability to allow users to continue to create, view, and modify event data if the workstation connection to the CAD server is lost (offline) for any reason | Comply | From a mobile device |
| 99 | Mandatory | Static table data can be migrated from the current CAD to the Proposer's CAD system | Comply | If current CAD static table data is in an ICS approved format |
| 100 | Mandatory | The system network protocol is Transmission Control Protocol (TCP) / Internet Protocol (IP) | Comply | |
| 101 | Mandatory | The system provides a means to perform regular (e.g., daily, weekly) backups | Comply | |
| 102 | Mandatory | Backups can be complete or incremental, as determined by the agency | Comply | |
| Backups Include: | | | | |
| 103 | Mandatory | Static data files | Comply | |
| 104 | Mandatory | Working data files | Comply | |
| 105 | Mandatory | Performing the backup procedure does not degrade system performance | Comply | |
| 106 | Mandatory | The system reports on the status of the backup process, if successful or not successful | Comply | |
| 107 | Mandatory | The system includes a method to test the viability of the backup on a regular basis (e.g., monthly, quarterly) | Comply | Restore to a backup server and run a CAD test script |
| 108 | Mandatory | The system has the capability to roll-back to the date of the last backup | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|-------------------------|------------|--|-----------------|--|
| 109 | Mandatory | The system has the capability of point-in-time recovery | Comply | ICS recommends a VMWare or Hyper-V redundant environment. |
| 110 | Mandatory | When a failure occurs, the system creates an error log that provides sufficient documentation for the agency to establish the cause of the failure | Comply | ICS recommends a VMWare or Hyper-V redundant environment. |
| 111 | Mandatory | Once a failed server has been restored to operational capability, it automatically reconnects with the CAD network without operator intervention | Comply | ICS recommends a VMWare or Hyper-V redundant environment. |
| 112 | Mandatory | Once a failed server has been restored to operational capability, the system will send notifications to designated devices and personnel | Comply | ICS recommends a VMWare or Hyper-V redundant environment. |
| 113 | Mandatory | In the event that any disk or other synchronized storage device is out of sync, the system automatically synchronizes the deficient storage device without operator intervention and without degrading the system performance | Comply | All commercial grade Hot Swap RAID arrays perform this function automatically. |
| 114 | Mandatory | System administrators or supervisors must be notified of failures by alerts or automated messages | Comply | All commercial grade Hot Swap RAID arrays perform this function automatically. |
| 115 | Mandatory | After installation, the vendor notifies the agency as CAD application and module updates are developed and certified to work with MS Windows and server updates | Comply | |
| 116 | Mandatory | The system can replicate data between a minimum of two databases for redundancy | Comply | Standard Microsoft replication capability |
| 117 | Mandatory | The system can mirror data to remotely hosted (off-site) databases | Comply | Standard Microsoft replication capability |
| 118 | Mandatory | The system supports redundant servers in hot standby mode to take over operation should primary servers fail | Comply | ICS recommends a VMWare or Hyper-V redundant environment. |
| 119 | Mandatory | The system supports VMware failover | Comply | |
| 120 | Mandatory | Redundant servers can be updated and maintained without degradation to primary system operation | Comply | |
| 121 | Mandatory | If placed off-line, backup servers come on-line automatically and synchronize without degradation to primary system operation | Comply | |
| 122 | Mandatory | The switch to the backup servers is seamless and transparent to workstation operators | Comply | |
| 123 | Mandatory | The system delivers a system message to selected workstations (e.g., supervisor, administrator) that primary operations have been switched to the backup system | Comply | |
| 124 | Mandatory | The switch from the backup servers to the primary servers is seamless and transparent to workstation operators | Comply | |
| 125 | Mandatory | The system operates on backup servers without degradation to services or response time | Comply | |
| 126 | Mandatory | The system can be switched between the primary and backup servers on a regular basis and operate on either system indefinitely | Comply | |
| Network Printers | | | | |
| 127 | Mandatory | CAD workstations will be assigned a default printer | Comply | |
| 128 | Mandatory | CAD system printers will be networked and available to all workstations on the network | Comply | |
| 129 | Mandatory | When generating a print job, an operator does not have to select a printer; the default printer will be automatically selected | Comply | |
| 130 | Mandatory | An operator may select a printer when needed (e.g., plotter to print maps, color printer when printing reports) | Comply | |
| Printing | | | | |
| 131 | Mandatory | Event data can be printed at any time during an event | Comply | |
| 132 | Mandatory | Closed events can be printed | Comply | |
| 133 | Mandatory | Event data may be printed to any CAD-configured printer | Comply | |
| 134 | Mandatory | Print of event data may be restricted to printing at a designated, secure printer at the discretion of the agency | Does Not Comply | |
| 135 | Mandatory | Print of event data may be restricted based on user, role and workstation security | Comply | |
| 136 | Mandatory | The system is capable of generating an event print option that does not contain non-public information (e.g., name of caller, caller telephone number, social security number (SSN)) | Comply | We utilize Crystal Reports and a Data Dictionary driven report writer. |
| 137 | Mandatory | When an item is submitted for printing, a confirmation message is returned to the workstation initiating the print request when completed | Comply | Provided by the operating system |
| 138 | Mandatory | Print transactions (including print screen) are recorded in the transaction / audit log and include the operator identification (ID) and workstation ID initiating the print function | Does Not Comply | |
| System Security | | | | |
| 139 | Mandatory | System access can be controlled by an authorized user / system administrator | Comply | |
| 140 | Mandatory | System access policies are implemented using MS Active Directory (AD) | Comply | |
| 141 | Mandatory | System access can be controlled by workstation | Comply | |
| 142 | Mandatory | Agency system administrators are capable of adding and removing devices (e.g., workstations, printers) to / from the system | Comply | |
| 143 | Mandatory | The proposed system meets applicable Criminal Justice Information Services Division (CJIS) requirements, described in the Criminal Justice Information Services Security Policy, version 5.4, dated 10/06/2015 (CJISD-ITS-DOC-08140-5.4) and updated versions approved by U.S. Department of Justice | Comply | Version 5.6, dated 6/5/2017 (CJISD-ITS-DOC-08140-5.6) |
| 144 | Mandatory | The system provides the ability to protect Health Insurance Portability and Accountability Act (HIPAA) information from view or access on unauthorized monitors or in unsecured reports | Comply | |
| 145 | Mandatory | The system utilizes MS AD for user login coordination. | Comply | |
| 146 | Mandatory | The system is capable of incorporating multiple MS ADs of the participating agencies for user log-in coordination and network management. | Comply | |
| 147 | Mandatory | The system supports multi-level security features | Comply | |
| 148 | Mandatory | Access to proposed system functions can be granted / restricted by authorized users system administrator | Comply | |
| 149 | Mandatory | Access to proposed system functions can be granted / restricted per workstation | Comply | |
| 150 | Mandatory | Access to proposed system functions can be granted / restricted per individual | Comply | |
| 151 | Mandatory | The system logs each log-in attempt, whether successful or not successful | Comply | |
| 152 | Mandatory | Security authorizations can be assigned by individuals and by groups | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|------------------------------------|------------|--|-------------------------------|---|
| 153 | Mandatory | An operator can be associated with multiple security groups | Comply | |
| 154 | Mandatory | All system and operator accounts are security / password-protected | Comply | |
| 155 | Mandatory | All operator accounts are required to have a unique ID | Comply | |
| 156 | Mandatory | All passwords are stored in encrypted form | Comply | |
| 157 | Mandatory | The system allows operators to change their own passwords | Comply | |
| 158 | Mandatory | The system can require operators to change their passwords at regular intervals, which are determined by the agency | Comply | |
| 159 | Mandatory | The system is configured with a single operator security table across all modules | Comply | |
| 160 | Mandatory | Operator accounts and passwords are synchronized across all system modules | Comply | |
| 161 | Mandatory | The system provides single sign on capability across all system vendor applications | Comply | |
| 162 | Mandatory | Individual accounts and passwords for the system are controlled by the agency, where operator IDs, passwords, and security accounts can be created, modified, and deleted by an authorized agency operator | Comply | |
| 163 | Mandatory | The system must provide a customer-configurable password management system. Passwords may be configured for expiration, minimum length, character types, and numbers | Comply | |
| 164 | Mandatory | System data access rules allow each user agency to define agency-specific security parameters | Comply | |
| 165 | Mandatory | The system provides the ability to log all database transactions and track by operator ID, workstation ID, date / time, and transaction description | Comply | |
| 166 | Mandatory | There are no default accounts configured in the system | Comply | |
| 167 | Mandatory | There are no hidden or "backdoor" accounts configured in the system | Comply | |
| 168 | Mandatory | Each vendor access account must be disclosed to the agency. | Comply | |
| 169 | Mandatory | Security for each account has a lock-out provision that will lock-out access to an account after an agency-defined number of unsuccessful log-in attempts | Comply | |
| 170 | Mandatory | An account that has been locked-out may be reset by an operator with the appropriate security setting | Comply | |
| 171 | Mandatory | The system provides a configurable screen saver with password protection for desktop and wireless devices | Comply | |
| 172 | Mandatory | The individual agency maintains all security aspects of the system, without reliance on the vendor to perform security functions | Comply | |
| 173 | Mandatory | The system supports remote maintenance by the vendor | Comply | |
| 174 | Mandatory | The system supports remote maintenance by the city | Comply | |
| 175 | Mandatory | The application is compatible with anti-virus software for workstations and servers | Comply | |
| 176 | Mandatory | The workstation software operates with anti-virus software without conflict or performance degradation | Comply | |
| 177 | Important | The operator is prevented from logging off when the operator has sole responsibility for events or units that will not be handled on log-off. A system message will be generated. | Partial Comply or Alternative | The user is notified at log out time of unsaved events |
| 178 | Important | An operator (#2) can log in to an active workstation without requiring the current operator (#1) to perform the log-off function; the system will automatically log-off the current operator (#1). The system does not require events or resources to be transferred to a different dispatcher during the log-in process (e.g., a change operator function). | Comply | |
| Disaster Recovery (DR) Site | | | | |
| 179 | Mandatory | The system supports regular DR failover tests, switching operations from the primary to the DR site | Comply | |
| 180 | Mandatory | The DR system can be set up at a location remote from the primary public safety answering point (PSAP) | Comply | |
| 181 | Mandatory | The DR system can be operated and maintained from a remote location | Comply | |
| 182 | Mandatory | The DR system functions as a hot standby DR site | Comply | Transactional publication in a peer-to-peer topology |
| 183 | Mandatory | Switching operations to the DR facility can be performed by an authorized user | Comply | Transactional publication in a peer-to-peer topology |
| 184 | Mandatory | Switching operations from the DR facility to the primary facility can be performed by an authorized user | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 185 | Mandatory | The system at the DR facility can be switched to run as the primary CAD system provider, with the workstations at the failover facility and primary facility operating as live CAD workstations | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 186 | Mandatory | The workstations at the DR facility can be configured to operate on the primary system as additional workstations | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 187 | Mandatory | The DR failover does not require system shutdown and restart | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 188 | Mandatory | Events active prior to the DR failover are available as active events after the failover activation with no loss of data | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 189 | Mandatory | Event numbering can continue in sequence after the failover | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 190 | Mandatory | Event numbering can be manually set after the failover by an authorized user | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 191 | Mandatory | Switching operations from the DR site to the primary site does not require a system shutdown and restart | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 192 | Mandatory | The restoration process in moving operations from the DR to the primary site can be performed off-line | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 193 | Mandatory | If connection is lost to the DR site, the system sends a notification message to agency-designated positions and send an email to agency-designated recipients | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| Off-site redundant servers | | | | |
| 194 | Mandatory | The system is capable of mirroring data between a minimum of two databases for redundancy | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 195 | Mandatory | The system is capable of mirroring data to remotely hosted (off-site) databases | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 196 | Mandatory | The system supports redundant servers in hot standby mode to take over operation should primary servers fail | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 197 | Mandatory | The redundant servers can be updated and maintained without degradation to primary system operation | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|---|------------|---|-----------------|--|
| 198 | Mandatory | If placed off-line, the back-up servers will come on-line automatically and synchronize without degradation to primary system operation | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 199 | Mandatory | The switch to the backup servers will be seamless and transparent to the workstation operators | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 200 | Mandatory | The system will deliver a system message to selected workstations (e.g., supervisor, administrator) that primary operations have been switched to the backup system | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 201 | Mandatory | Vendor will describe how the system will function when system server is offline | Comply | With transactional publication both main and DR servers would have to go down for the system to not be functional. |
| Off-site failover facility | | | | |
| 202 | Mandatory | The fail-over system can be set up at a location remote from the primary PSAP | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 203 | Mandatory | The fail-over system can be operated and maintained from remote location | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 204 | Mandatory | Switch of operations to the fail-over facility can be performed by the Agency | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 205 | Mandatory | Switch of operations from the fail-over facility to the primary facility can be performed by the either Agency | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 206 | Mandatory | The server at the fail-over facility can be switched to run as the primary server and the workstations at the fail-over facility and the primary facility can operate as live CAD workstations | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 207 | Mandatory | The workstation at the backup facility can be configured to operate on the primary system as additional workstations | Comply | ICS recommends Microsoft SQL Transactional publication in a peer-to-peer topology |
| 208 | Mandatory | If connection is lost to the recovery site, the system will send a notification message to Agency designated positions and send email to Agency designated recipients | Comply | |
| Data Warehouse (DW) Capability | | | | |
| 209 | Mandatory | The system maintains a separate external database outside the CAD network; secure, but accessible to CAD users and authorized non-CAD external users | Comply | Publisher subscriber replication |
| 210 | Mandatory | The system supports writing CAD record data to the DW automatically, real-time, as entered in the CAD system | Comply | |
| 211 | Mandatory | The system provides a method to write the final version of the CAD record data to the DW on event closure | Comply | |
| 212 | Mandatory | The DW stores all data associated with the event record (e.g., event, unit, remarks) | Comply | |
| 213 | Mandatory | The system supports DW security that allows view-only rights to the data | Comply | |
| 214 | Mandatory | All external CAD data inquiries can be directed to the DW | Comply | |
| 215 | Mandatory | The DW platform and storage utilize commercial off-the-shelf (COTS) applications | Comply | |
| 216 | Mandatory | The DW platform and storage utilize Microsoft SQL Server as the database management system | Comply | |
| 217 | Mandatory | The DW supports automatic requests for data from external, previously-approved applications | Comply | |
| 218 | Mandatory | The DW supports record- and field-based security to restrict viewing of records and fields based on the assigned role, discipline, and jurisdiction at login (e.g., the DW security features allow data related to a Law Enforcement jurisdiction to be accessible only to operators that log in to the DW with that role and department clearly defined) | Comply | |
| Public Access Portal | | | | |
| 219 | Mandatory | The system can export data to an external database used as a publicly accessible web-based portal | Comply | ICS provides multiple data exports (XML, text, web-services, etc.) |
| 220 | Mandatory | Data exported to the public access facility is at intervals determined by the agency | Comply | ICS provides multiple data exports (XML, text, web-services, etc.) |
| 221 | Mandatory | The data set exported to the public access facility is determined by the agency | Comply | A simple configuration change will allow the agency to specify desired data items. |
| Remote Access Workstations | | | | |
| 222 | Mandatory | The system supports access to the CAD system from workstations that are not directly connected to the CAD network | Comply | via Microsoft Remote Desktop Web Access |
| 223 | Mandatory | The system supports a time-out feature for remote workstations that are inactive for an agency-defined time period | Comply | via Microsoft Remote Desktop Web Access |
| 224 | Mandatory | The system allows access from a remote workstation through the use of web-based protocols | Comply | via Microsoft Remote Desktop Web Access |
| 225 | Mandatory | The system is capable of configuring remote status monitor-only workstations | Comply | via Microsoft Remote Desktop Web Access |
| 226 | Mandatory | Remote status monitor-only workstations may be excluded from the time-out feature | Comply | via Microsoft Remote Desktop Web Access |
| 227 | Mandatory | System access from a remote workstation does not require a dedicated circuit, unless required to comply with CJIS | Comply | via Microsoft Remote Desktop Web Access |
| 228 | Mandatory | Remote access is restricted to those authorized through the system security function and secured passwords (e.g., dual-factor authentication) | Comply | via Microsoft Remote Desktop Web Access |
| 229 | Mandatory | System access from a remote workstation will support Advanced Encryption Standard (AES) without degrading system throughput | Comply | SSL (TLS 1.0) |
| 230 | Mandatory | The vendor will list equipment required to establish secure remote workstations | Comply | A Microsoft RDS CAL and Windows Server CAL are required for each user. |
| 231 | Mandatory | Remote access capability includes the ability to perform system support functions | Comply | via Microsoft Remote Desktop Web Access |
| 232 | Mandatory | Remote workstation access to the CAD system complies with CJIS, State and city security requirements | Comply | via Microsoft Remote Desktop Web Access |
| Remote workstations can perform the following functions: | | | | |
| 233 | Mandatory | Event inquiry | Comply | via Microsoft Remote Desktop Web Access |
| 234 | Mandatory | Event status | Comply | via Microsoft Remote Desktop Web Access |
| 235 | Mandatory | Unit status | Comply | via Microsoft Remote Desktop Web Access |
| 236 | Mandatory | Update an active event | Comply | via Microsoft Remote Desktop Web Access |
| 237 | Mandatory | Administrative updates (e.g., updating shift-based roll call information) | Comply | via Microsoft Remote Desktop Web Access |
| 238 | Mandatory | Server administration | Comply | via Microsoft Remote Desktop Web Access |
| 239 | Mandatory | Call entry and self-dispatch (e.g., walk-ins to the station desk clerk) | Comply | via Microsoft Remote Desktop Web Access |
| 240 | Mandatory | Execute and print reports | Comply | via Microsoft Remote Desktop Web Access |
| Transaction Logging (Audit Log) | | | | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|--|------------|---|-----------------|--|
| The system logs each transaction, and includes: | | | | |
| 241 | Mandatory | Date and time (YYYYMMDD/HH:MM:SS) | Comply | |
| 242 | Mandatory | Operator ID | Comply | |
| 243 | Mandatory | Workstation ID | Comply | |
| 244 | Mandatory | Unit ID | Comply | |
| 245 | Mandatory | Transaction | Comply | |
| 246 | Mandatory | Each transaction is logged, whether it was successful or not successful | Comply | Login attempts are logged. There are never unsuccessful transactions due to the comprehensive security system disallowing access on the front end. |
| 247 | Mandatory | Retention time for the system transaction logs is defined by the agency | Comply | Retention time frame jobs are customized by agency |
| 248 | Mandatory | System transaction logs can be searched and retrieved by any parameter stored with the transaction | Comply | |
| 249 | Mandatory | System transaction logs can be sorted by any parameter stored with the transaction | Comply | |
| 250 | Mandatory | System transaction logs are not overwritten | Comply | |
| 251 | Mandatory | The system maintains transaction logs for each transaction across all modules | Comply | |
| 252 | Mandatory | Viewing of events is recorded in the audit log and includes the operator ID and workstation ID from which the event is viewed | Comply | |
| 253 | Mandatory | Executing the historic playback feature is recorded in the audit log and includes the operator ID and workstation ID initiating the playback function | Comply | |
| 254 | Mandatory | The system allows the agency to specify and toggle on / off the types of transactions that are recorded in the transaction log | Comply | All transactions are logged because no one can predict potential misuse of the system |
| CAD System Functionality | | | | |
| Alias Names for CAD Functions | | | | |
| 255 | Mandatory | The system supports the creation of alias names for CAD commands | Comply | |
| 256 | Mandatory | The command alias names are maintained by the agency | Comply | |
| 257 | Mandatory | When a CAD command is referenced in an inquiry or report, the search feature will select records that include the alias of the referenced CAD command as well | Comply | |
| Command Line | | | | |
| 258 | Mandatory | The system supports CAD function processing from a command line. | Comply | |
| 259 | Mandatory | Commands entered on the command line are stored and available for reuse. | Comply | |
| 260 | Mandatory | An operator may use the backspace, delete, or arrow key functions to edit commands from the command line. | Comply | |
| 261 | Mandatory | Command line processing supports positional command parameters | Comply | |
| 262 | Mandatory | Command line processing supports parameter processing using field identifiers | Comply | |
| 263 | Mandatory | The order of parameters on the command line is customizable by the agency | Does Not Comply | |
| 264 | Mandatory | Command parameters can be entered in any order. For instance, a command to update the status of unit 1A11 could be entered in as 1A11 EN or EN 1A11 | Does Not Comply | |
| 265 | Mandatory | The command line has "word wrap" capability | Comply | |
| 266 | Mandatory | The system provides a guided command line entry experience that prompts an operator for the next required parameter as command line typing progresses | Does Not Comply | |
| 267 | Mandatory | The guided command line entry experience may be toggled on / off by an operator | Does Not Comply | |
| 268 | Mandatory | The system allows unlimited characters when entering remarks from the command line | Comply | |
| 269 | Mandatory | The system allows multiple command lines to be active simultaneously | Comply | Two - CAD and Map |
| 270 | Mandatory | The system has the ability to continually enter comments / remarks into a call without requiring the user to enter the command each time (i.e. during a chase) | Comply | |
| Form Field Event Data Entry | | | | |
| 271 | Mandatory | The system supports function processing from a predefined event entry form | Comply | |
| 272 | Mandatory | The system supports event operations from multiple work areas on a single screen | Comply | |
| 273 | Mandatory | The system supports event operations from multiple work areas on a single screen simultaneously | Comply | |
| 274 | Mandatory | The functions processing in a work area do not impact function processing in other work areas | Comply | |
| 275 | Mandatory | An operator can move from field to field using tab (to the right and down) and back-tab (to the left and up) | Comply | |
| 276 | Mandatory | The order of the form fields can be moved to align with an agency's standard operating procedure (SOP) for caller interviews | Does Not Comply | |
| 277 | Mandatory | The system supports pre-fill fields in appropriate pre-formatted screens | Comply | |
| 278 | Mandatory | The order of the tab function movement from field to field can be defined by the agency | Comply | "Go to" allows the operator to jump to sections of the form |
| 279 | Mandatory | The system allows the use of a function key to direct the focus of entry to the field determined by the function key (e.g., ALT L to direct the focus of entry to the Location field) | Comply | "Go to" allows the operator to jump to sections of the form |
| 280 | Mandatory | Data entry form fields that are mandatory are clearly marked | Comply | |
| 281 | Important | The system has the ability to distinguish between system mandatory data entry fields and those fields required by agency SOP | Comply | |
| 282 | Mandatory | The system allows the agency to select fields for mandatory entry | Does Not Comply | |
| 283 | Mandatory | The form cannot be processed until all mandatory fields are entered | Comply | |
| 284 | Mandatory | An operator can enter data into any field, in any field order | Comply | |
| 285 | Mandatory | An operator may enter an unlimited amount of comments to each event | Comply | |
| 286 | Mandatory | The comment field accepts free form text using word wrap to handle comments that do not fit on a single line | Comply | |
| 287 | Mandatory | All comments added to an event record are date/ time-stamped and with the operator's ID and workstation | Comply | |
| 288 | Mandatory | The event entry form can be configured by an authorized user | Does Not Comply | |
| Messaging – General | | | | |
| 289 | Mandatory | All messages are logged and available for review and inquiry | Comply | |
| 290 | Mandatory | Logged messages are searchable and retrievable by any field | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|---------|------------|--|-------------------------------|---|
| 291 | Mandatory | The messaging component is an internal component of the CAD system | Comply | |
| | | The messaging component supports: | | |
| 292 | Mandatory | Creating free-form messages | Comply | |
| 293 | Mandatory | Displaying messages via a single command | Comply | |
| 294 | Mandatory | Audible and visual signaling of received messages | Comply | |
| 295 | Mandatory | Forward, reply to, and delete messages | Comply | |
| 296 | Mandatory | Read reply | Comply | |
| 297 | Mandatory | Priority messages | Comply | |
| 298 | Mandatory | The messaging component allows messages to be routed to any system printer | Comply | |
| 299 | Mandatory | The system can differentiate between CAD system messages and messages returned from the message switch / National Crime Information Center (NCIC) | Comply | |
| 300 | Mandatory | Messages can be added to an incident history | Comply | |
| 301 | Mandatory | Messages can be generated from the command line | Comply | |
| 302 | Mandatory | Attachments can be added to messages | Comply | |
| 303 | Mandatory | Messages can be sent from a single workstation to all other workstations and mobile devices | Comply | |
| 304 | Mandatory | The system can send automatic email event notifications using email lists based on agency, location, and event type | Comply | Response plans can accomplish this |
| 305 | Mandatory | The system can send automatic text event notifications using lists based on agency, location, and event type | Comply | Response plans can accomplish this |
| 306 | Mandatory | Messages can be sent and received by any addressable parameter (e.g., personnel name, user ID, unit ID) | Comply | |
| 307 | Mandatory | The system can send Short Message Service (SMS) and Multimedia Messaging Service (MMS) messages to 10-digit "non-carrier specific" phone numbers | Partial Comply or Alternative | SMS but not MMS |
| 308 | Mandatory | The system sends a message to user-definable social networking websites. This message will simultaneously be logged in the event history. This function can be restricted by role, user ID, and workstation. | Does Not Comply | |
| 309 | Important | The system allows the agency to send a message to a social networking website and restrict by user ID | Comply | |
| 310 | Mandatory | The system supports the creation of groups for messaging and status changes | Comply | |
| 311 | Mandatory | Messages can be sent to predefined groups (e.g., dispatchers, supervisors, CAD support, dispatcher workstations, mobile data devices, agency, hazmat group, fire chiefs), as determined by agency | Comply | |
| 312 | Mandatory | An operator can select the message group used in sending email / text messages related to an event, unit, and notification activity | Comply | |
| 313 | Mandatory | The system supports the creation of dynamic messaging groups (i.e., when users log in, the system determines what groups they are members of, based on rules that are managed by the system administrator) | Comply | |
| 314 | Mandatory | The system supports the ability to send recurring messages. Messages can be defined for sending a prescribed number of times per hour, day, week, or month | Does Not Comply | |
| | | The system includes the following parameters with stored messages: | | |
| 315 | Mandatory | Sender identified by user ID, workstation ID, and unit ID | Comply | |
| 316 | Mandatory | Intended receiver identified by user ID, workstation ID, and unit ID | Comply | |
| 317 | Mandatory | Date / time sent | Comply | |
| 318 | Mandatory | Date / time viewed | Comply | |
| 319 | Mandatory | Messages are displayed in a separate area dedicated to messaging | Comply | |
| 320 | Mandatory | Messages, both sent and received, are displayed using the word wrap feature without word break | Comply | |
| 321 | Mandatory | Receipt of messages does not interfere with CAD functions (e.g., call taking, dispatching) | Comply | |
| 322 | Mandatory | Pop-up messages do not cover the active work area | Comply | |
| 323 | Mandatory | An operator is notified of the receipt of a message with an audible (optional through system configuration) and visual alert | Partial Comply or Alternative | Visual notification only |
| 324 | Mandatory | Messages can be designated as urgent by the message sender | Comply | |
| 325 | Mandatory | Messages can be designated as urgent by the system when the message contains a pre-established key word (e.g., gun, knife). | Comply | NCIC messages are scanned for key words |
| 326 | Mandatory | Messages can be designated as urgent by the system when the message contains a pre-established phrase (e.g., threatened police). | Comply | NCIC messages are scanned for key words |
| 327 | Mandatory | A message can be designated as urgent, which will enable that message to be placed at the top of a message queue for a particular workstation. | Comply | |
| 328 | Mandatory | The message notification alert can be defined by the agency. | Comply | NCIC messages are scanned for key words |
| 329 | Mandatory | The system allows all unread messages associated with a workstation to be deleted using a single command. The deletion of a message does not remove the log entry. | Comply | |
| 330 | Mandatory | The system supports a central address book for storing contacts, businesses, and numbers to be used to address messages and look up information. | Comply | |
| 331 | Mandatory | The system allows for the creation of multiple address books. | Comply | |
| 332 | Mandatory | The system can restrict edit and access to the address book features based on security associated with an operator ID. | Comply | via Microsoft folder permissions |
| 333 | Mandatory | The system supports the creation of custom fields for address book entries. | Comply | All documents are maintained/searched using our Document Locator product. |
| 334 | Mandatory | The system supports searching address books from a form and command line. | Comply | Form |
| 335 | Mandatory | The system supports key word searching for address book entries. | Comply | |
| 336 | Mandatory | The system supports attaching documents and hyperlinks to address book entries. | Comply | |
| | | Messaging - CAD | | |
| 337 | Mandatory | Messages can be sent and received between CAD workstations. | Comply | |
| 338 | Mandatory | Messages can be sent and received between a CAD workstation and remote workstations. | Comply | |
| 339 | Mandatory | Messages can be sent and received between a CAD workstation and web-based workstations. | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|--|------------|---|-------------------------------|---|
| 340 | Mandatory | Messages can be sent between a CAD workstation and a group of workstations (e.g., call takers, dispatchers, Station B). | Comply | |
| 341 | Mandatory | Messages can be sent and received between a CAD workstation and any system mobile device. | Comply | |
| 342 | Mandatory | Messages can be sent and received between a specific CAD workstation and a specific system mobile device. | Comply | |
| 343 | Mandatory | Messages can be sent and received between a CAD workstation and a group of mobile devices. | Comply | |
| Messaging - System | | | | |
| 344 | Mandatory | System messages originate from the application as the result of a system function or notification of an error message. | Comply | |
| 345 | Mandatory | System messages are in plain English. | Comply | |
| 346 | Mandatory | System messages can be directed to a specific operator or workstation group (e.g., call takers, dispatchers, Station B). | Partial Comply or Alternative | System generated non-fatal error messages are logged for future analysis. ICS processes these as needed. |
| 347 | Mandatory | System messages can be classified by the agency as urgent or normal. | Partial Comply or Alternative | Pre-defined |
| 348 | Mandatory | System messages classified as normal system messages do not interrupt operator operations. | Comply | |
| 349 | Mandatory | System messages classified as normal system messages may require acknowledgement from an operator as defined by the agency. | Partial Comply or Alternative | Normal system messages appear in the msg window as an FYI message. They do not require acknowledgment. Typically they are feedback messages "Unit status changed to Arrived", etc.) |
| 350 | Mandatory | System messages classified as urgent may require acknowledgement from an operator before continuing operations (e.g., officer in need of assistance, as defined by the agency). | Does Not Comply | All urgent messages require acknowledgment. |
| 351 | Mandatory | System messages or notifications can be sent to system administrators using email and SMS, as determined by the agency. | Does Not Comply | |
| 352 | Mandatory | The system creates messages that may be delivered upon log-in. | Comply | |
| The system creates and maintains automatic reminders of scheduled activities: | | | | |
| 353 | Mandatory | Daily | Partial Comply or Alternative | We have a scheduled calls module. |
| 354 | Mandatory | Weekly | Comply | |
| 355 | Mandatory | Monthly | Comply | |
| 356 | Mandatory | Annually | Comply | |
| 357 | Mandatory | Multiple activities or reminders per time slot | Comply | |
| 358 | Mandatory | System reminders can be sent to individuals, groups, and all | Partial Comply or Alternative | Scheduled calls appear in the pending call queue |
| Personnel Data Record | | | | |
| 359 | Important | The system stores and tracks user, operational, and field personnel associated with the CAD system. | Comply | |
| 360 | Important | The system associates CAD system access and operational security rights with the personnel record. | Comply | |
| At a minimum, the following data is associated with the personnel record: | | | | |
| 361 | Important | Employee ID | Comply | |
| 362 | Important | Unit ID | Comply | |
| 363 | Important | Home address | Comply | |
| 364 | Important | Telephone number | Comply | |
| 365 | Important | Emergency contact information | Comply | |
| 366 | Important | Standard assignment | Comply | |
| 367 | Important | Current assignment | Comply | |
| 368 | Important | Special skills | Comply | |
| 369 | Important | CAD functional security information (e.g., password history, allowed functions, allowed module access). | Comply | |
| 370 | Important | Medical condition (Y / N) | Comply | |
| 371 | Important | Blood type (authorized-only viewing) | Comply | |
| 372 | Important | Personnel data records are searchable from all CAD workstations (e.g., rolodex) based on the security of the user. | Comply | |
| 373 | Important | The system has the ability to create a one-way interface with the city's Personnel Tracking and Payroll system for a pull of selected personnel data from the Personnel Tracking system to the CAD personnel table. | Partial Comply or Alternative | ICS has numerous APIs that provide importing and exporting capabilities |
| Premises - Display and Storage of Premises Hazards, Alerts, and Histories | | | | |
| 374 | Mandatory | Upon location validation, the system automatically checks for premises history, hazards, and alerts. | Comply | |
| The system will base the inquiry on: | | | | |
| 375 | Mandatory | An exact match of the location | Comply | |
| 376 | Mandatory | Type of premises data | Comply | |
| 377 | Mandatory | Distance parameter established by the agency between the location of the event and the location of the premises data (e.g., 1000-foot search for police premise, 500-foot search for inoperable hydrants, 1500-foot search for street closures) | Comply | Alert searches are by radius in user-defined feet. |
| 378 | Mandatory | Distance parameter established is adjustable by the agency | Comply | |
| When information is associated with a displayed location, the system will: | | | | |
| 379 | Mandatory | Create an audible (optional using system configuration) and visual alert to the operator, as defined by the agency | Partial Comply or Alternative | Visual only |
| 380 | Mandatory | Create a link to the premises information | Comply | |
| 381 | Mandatory | Alerts can be designated as urgent. | Comply | |
| 382 | Mandatory | Alerts can be designated as urgent by the system when the premises information contains a pre-established key word (e.g., gun, knife). | Partial Comply or Alternative | Alerts are color coded by severity |
| 383 | Mandatory | Alerts can be designated as urgent by the system when the premises information contains a pre-established phrase (e.g., threatened police). | Partial Comply or Alternative | Alerts are color coded by severity |
| 384 | Mandatory | When an urgent message is associated with an event record, the message will display as the CAD event is viewed. | Comply | |
| 385 | Mandatory | The system visually differentiates the premises notification between "in the area of" match and an exact location match. | Comply | "close to" this address |
| 386 | Mandatory | An event does not have to be created to access premises information associated with a location. | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|--|------------|---|-------------------------------|--|
| 387 | Mandatory | The premises information is available to the mobile device. | Comply | |
| 388 | Mandatory | The premises information displays in a new work area. The display of the premises information does not replace the form which the display command was initiated. | Comply | |
| 389 | Mandatory | The premises information will display on the rip-and-run sheet. | Comply | |
| 390 | Mandatory | The agency can select what premises information displays on the rip-and-run sheet. | Comply | |
| Premises information can be entered, stored, retrieved and displayed by: | | | | |
| 391 | Mandatory | Civic address | Comply | |
| 392 | Mandatory | Intersection | Comply | |
| 393 | Mandatory | Apartment complex | Comply | |
| 393 | Mandatory | Single block range | Comply | |
| 394 | Mandatory | Multiple block range | Comply | |
| 394 | Mandatory | Common place or business name | Comply | |
| 396 | Mandatory | Building number | Comply | |
| 398 | Mandatory | Individual apartments | Comply | |
| 399 | Mandatory | Agency-defined radius from the specified location | Comply | |
| 400 | Mandatory | Map polygon | Comply | |
| 401 | Mandatory | Street segment | Comply | |
| 402 | Mandatory | Contact name | Comply | |
| 403 | Mandatory | Contact telephone number | Comply | |
| Premises information displayed includes: | | | Comply | |
| For history associated with the location: | | | | |
| 404 | Mandatory | Event number | Comply | |
| 405 | Mandatory | Event type code | Comply | |
| 406 | Mandatory | Date / time of event | Comply | |
| 407 | Mandatory | Location (when displayed with radius) | Comply | |
| 408 | Mandatory | Disposition | Comply | |
| 409 | Mandatory | Hyperlink to the event record | Comply | |
| For alerts and hazards associated with the location: | | | | |
| 410 | Mandatory | Date / time of entry | Comply | |
| 411 | Mandatory | ID of person entering the alert entry | Comply | |
| 412 | Mandatory | Message | Comply | |
| 413 | Mandatory | Expiration date / time | Comply | |
| 414 | Mandatory | File attachment | Comply | |
| 415 | Mandatory | Automated external defibrillator (AED) location | Comply | |
| 416 | Mandatory | Weapons on the property | Comply | |
| 417 | Mandatory | Gate codes | Comply | |
| 418 | Mandatory | Key holder / contact information | Comply | |
| 419 | Mandatory | The system will record in the event record when an operator views the premise data. | Does Not Comply | |
| 420 | Mandatory | The agency can determine the timeframe of how far back the system will search for premises history, by device (a portable device time frame can be different than the timeframe of workstations). | Partial Comply or Alternative | History is ordered chronologically descending |
| 421 | Mandatory | Premises history, hazards, and alerts are available for display for mobile users. | Comply | |
| 422 | Mandatory | The system associates files of pre-plan information (e.g., building plan, store numbers, contact information) to Common Place via hyperlink or other methods of association. | Comply | |
| 423 | Mandatory | The pre-plan files are available to the operator with a minimum number of mouse clicks. | Comply | |
| 423 | Mandatory | Premises hazards and alert information can be entered remotely by agency. | Comply | |
| 425 | Mandatory | Premises hazards and alert information can be maintained by agency. | Comply | |
| Premises hazards and alert information can be restricted to display by: | | | | |
| 426 | Mandatory | Agency | Does Not Comply | |
| 427 | Mandatory | For all agencies | Does Not Comply | |
| 428 | Mandatory | User groups | Comply | |
| 429 | Mandatory | User ID | Comply | |
| 430 | Mandatory | Role | Comply | |
| 431 | Mandatory | Agency | Does Not Comply | |
| 432 | Mandatory | Discipline | Does Not Comply | |
| 433 | Mandatory | Viewing device | Comply | |
| 434 | Mandatory | The creation of premises records is by authorized users only. | Comply | |
| 435 | Mandatory | The system captures and maintains premises information in user-defined categories or types. | Comply | |
| 436 | Mandatory | The system defines criteria for automatic premises information purges. | Comply | No need to purge because we track prior tenants. |
| 437 | Mandatory | The system activates or deactivates the automatic premises purge feature as determined by an agency. | Comply | |
| 438 | Mandatory | The system defines valid date ranges for time-limited premises information at a given location (e.g., information valid between <start date> and <end date>). | Comply | |
| The following maintenance functions can be utilized with stored hazards and alerts: | | | | |
| 439 | Mandatory | Add | Comply | |
| 440 | Mandatory | Modify | Comply | |
| 441 | Mandatory | Delete | Comply | |
| Information will include: | | | | |
| 442 | Mandatory | Hazard, alert, history narrative | Comply | |
| 443 | Mandatory | Links to attached files (e.g., photographs, hazard substance lists) | Comply | |
| 444 | Mandatory | Location | Comply | |
| 445 | Mandatory | ID of person authorizing the information | Comply | |
| 445 | Mandatory | ID of person entering the information | Comply | |
| 446 | Mandatory | Date and time when entered | Comply | |
| 448 | Mandatory | Expiration date and time | Comply | |
| 449 | Mandatory | Date and time range of a time limited premises information | Comply | We track tenants by move-in and move-out dates at the same address |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|--|------------|--|-----------------|--------------------------------|
| 450 | Mandatory | The system is capable of sending a notification message to designated system accounts across all agencies when a hazard or alert is added and changed at the discretion of the agency. | Does Not Comply | |
| 451 | Mandatory | The system is capable of tracking when a hazard or alert is about to expire for inclusion in a report. The agency can define the timeframe for the notification message. | Comply | |
| 452 | Mandatory | Premises history is automatically created and associated with a location on event entry with a verified location. | Comply | |
| 453 | Mandatory | The premises history record is available for viewing by an operator on location verification. | Comply | |
| At a minimum, the following data is included with premises history: | | | | |
| 454 | Mandatory | Incident number | Comply | |
| 455 | Mandatory | Event type code | Comply | |
| 456 | Mandatory | Caller name and contact information | Comply | |
| 457 | Mandatory | Date and time | Comply | |
| 458 | Mandatory | Disposition | Comply | |
| 459 | Mandatory | Hyperlink to the full event description | Comply | |
| CAD Clients | | | | |
| 460 | Mandatory | All CAD functions can be performed from a single workstations / device (e.g., mapping does not require a separate workstation/device) | Comply | |
| 461 | Mandatory | The functions of the CAD Clients (e.g., event processing, mapping) can be controlled with a single set of keyboard and mouse. | Comply | |
| 462 | Mandatory | The system supports the ability for each CAD client to be configured with multiple digital display monitors, up to five. | Comply | |
| 463 | Mandatory | The system supports the monitors being positioned in either landscape or portrait orientation. | Comply | |
| 464 | Mandatory | The system supports high-resolution display. | Comply | |
| 465 | Mandatory | The CAD mapping component runs on the same client as the CAD application client software. | Comply | |
| 466 | Mandatory | An operator can move between the displays via keystrokes or utilizing the mouse. | Comply | Using the mouse or windows key |
| 467 | Mandatory | An operator can view more incidents or vehicles than will fit on a single window using a scroll bar. | Comply | |
| The functions can be separated as follows: | | | | |
| 468 | Mandatory | Map display | Comply | |
| 469 | Mandatory | Status windows (e.g., pending events, active events, unit status) | Comply | |
| 470 | Mandatory | Interactive event information display and data entry | Comply | |
| 471 | Mandatory | The functionality of the CAD client (e.g., dispatching, administrative, training) is configurable by the agency system administrator, as needed. | Comply | |
| 472 | Mandatory | Changing the default CAD client configuration is restricted to the agency system administrator. | Comply | |
| 473 | Mandatory | Cosmetic changes can be made to the workstation look and feel (e.g., font, window location, colors) by the user. | Comply | |
| 474 | Mandatory | Configurations are saved by user profile to enable the stored look and feel to be presented to the user upon login. | Comply | |
| 475 | Mandatory | Clients can be rebooted without affecting the system or other clients. | Comply | |
| 476 | Mandatory | A client can be configured as a single function client (e.g., call taker). | Comply | |
| 477 | Mandatory | A client can be configured for multiple functions (e.g., call taker and dispatcher). | Comply | |
| 478 | Mandatory | While working as a combined function client, an operator is not required to change client function when alternating between call taker and dispatcher operations (e.g., call taker and dispatcher entry forms, status windows, functions). | Comply | |
| 479 | Mandatory | A client can be configured with a limited span of control (e.g., control events and units for a single precinct, agency). | Comply | |
| 480 | Mandatory | A client can be configured with a span of control that encompasses multiple agencies, but not necessarily all agencies. | Comply | |
| 481 | Mandatory | A client can be configured without a limitation (e.g., city-wide responsibility). | Comply | |
| 482 | Mandatory | clients can be configured with overlapping event responsibility. | Comply | |
| 483 | Mandatory | clients can be configured with overlapping unit responsibility. | Comply | |
| 484 | Mandatory | The system allows a client configuration to be associated with an operator profile and saved. When an operator successfully logs in to a client, the saved configuration will be implemented, as appropriate. | Comply | |
| 485 | Mandatory | Status monitors associated with a client display events and units within the established client span of control. | Comply | |
| 486 | Mandatory | Status monitors may be configured independently from a CAD client. | Comply | |
| 487 | Mandatory | Status monitors may be configured to display events and units related to a specific station. | Comply | |
| 488 | Mandatory | A client span of control can be changed without an application restart or disruption to other operators. | Comply | |
| 489 | Important | At least one client must be logged in to the application as long as the application is active. | Comply | |
| CAD Client Groups | | | | |
| 490 | Mandatory | The system can define groups of clients to enable effective communications (e.g., messages may be sent to all dispatchers using a single command). | Comply | |
| 491 | Mandatory | CAD Client groups can be predefined or created as needed. | Not Answered | |
| CAD Client groups can be comprised of the following types: | | | | |
| 492 | Mandatory | CAD PSAP client: | Comply | |
| 493 | Mandatory | Call taker | Comply | |
| 494 | Mandatory | Dispatcher | Comply | |
| 495 | Mandatory | Supervisor | Comply | |
| 496 | Mandatory | NCIC inquiry (information station) | Comply | |
| 497 | Mandatory | Administrative | Comply | |
| 498 | Mandatory | Mobile Data devices (e.g., laptops, tablets, smartphones) | Comply | |
| 499 | Mandatory | Remote workstations | Comply | |
| 500 | Mandatory | Mixture of types | Comply | |
| Event Creation | | | | |
| 501 | Mandatory | The system automatically transfers call and caller information, when available, from the customer premise equipment (CPE). | Comply | |

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|---|------------|--|-------------------------------|---|
| 502 | Mandatory | The system displays automatic number identification (ANI) / automatic location identification (ALI) information on the same screen as the incident information | Comply | |
| 503 | Mandatory | The interface from CAD to the CPE is compliant with the most recently approved National Emergency Number Association (NENA) i3 standards document (e.g., NENA Technical Standards Document STA-010, Detailed Functional and Interface Standards for the NENA i3 Solution). | Comply | |
| 504 | Mandatory | The system accepts, processes, and saves alternative media data (e.g., video, text, audio) as data with which to process an event. | Comply | Attachments of any format can be saved with the event |
| 505 | Mandatory | The system transfers Wireless Phase I and Phase II data to the CAD entry form. | Comply | |
| 506 | Mandatory | The system can initiate event creation from a click on the map, using the location selected with the map click as the location of the event. | Comply | |
| 507 | Mandatory | The system can initiate event creation from the command line. | Comply | |
| 508 | Mandatory | The system can initiate event creation using a form provided with the system. | Comply | |
| 509 | Mandatory | The system can initiate event creation as a result of issuing a move up / cover | Comply | |
| 510 | Mandatory | The system can initiate event creation from the mobile device. | Comply | |
| 511 | Mandatory | When an event is created with no units assigned, the event is placed in the pending queue. It's position in the queue is determined by agency configurable parameters (e.g., priority, date / time) | Comply | |
| 512 | Mandatory | When an event is created with a unit or units assigned, for example from the field as a result of a traffic stop, the event is placed in the active incident. It's position in the queue is determined by agency configurable parameters. | Comply | |
| 513 | Mandatory | The ability to create an event from the field is controlled by agency system administration. | Comply | |
| 514 | Mandatory | Rebids of wireless caller location can be initiated by an operator without creating a new CAD event. | Comply | |
| 515 | Mandatory | The system provides a visual and audible (optional using system configuration) notification when a 9-1-1 call arrives at a workstation for call entry. | Partial Comply or Alternative | visual |
| 516 | Mandatory | The visual and audible alert of an incoming 9-1-1 call at the workstation will occur when an operator is performing call entry activities with another caller. | Comply | |
| 517 | Mandatory | Location changes as a result of rebids update the CAD map display to the new location, the event location is not automatically updated. | Comply | |
| 518 | Mandatory | The system stores all location changes resulting from wireless rebids with the event history. | Comply | |
| 519 | Mandatory | When location changes occur as a result of a wireless caller rebid, the changes are captured by the CAD system in the event history. The location of the event is not changed. The system prompts the operator to whether or not to update the event location. | Comply | |
| 520 | Mandatory | Location verification can be performed on the return of the rebid at the discretion of the operator. | Comply | |
| 521 | Mandatory | The system transfers location data to the CAD map. | Comply | |
| 522 | Mandatory | The system auto-fills appropriate event entry form fields from the CPE / 9-1-1 data | Comply | |
| The system automatically detects and assigns the appropriate source of the entered event and includes the following instances: | | | | |
| 523 | Mandatory | 9-1-1 call | Comply | |
| 524 | Mandatory | Wireless phase (1 or 2) | Comply | |
| 525 | Mandatory | VoIP | Comply | Depends on the 911 provider's equipment. |
| 526 | Mandatory | Field-initiated incident | Comply | |
| 527 | Mandatory | Mobile device-initiated incident | Comply | |
| 528 | Mandatory | Via CAD-to-CAD interface | Comply | |
| 529 | Mandatory | Alarm interface | Comply | |
| 530 | Mandatory | Event initiated from the map | Comply | |
| 531 | Mandatory | Move up / cover | Comply | |
| 532 | Mandatory | Default value; if none of the above are detected | Comply | |
| 533 | Mandatory | The system supports the creation and assignment of user-defined call sources. | comply | |
| 534 | Important | The system can maintain a list of alarm companies for use as a drop-down list for selection during event entry and inclusion in the event record. | Does Not Comply | |
| 535 | Mandatory | Labels on the event entry form are customizable by the agency. | Does Not Comply | |
| 536 | Mandatory | Field order of entry is customizable. | Comply | For officer initiated calls |
| 537 | Mandatory | Required fields on all data entry forms are clearly identified by color and symbol (e.g., a mandatory field will have a red field outline with an asterisk beside the field). | Comply | Color coded background |
| 538 | Mandatory | The data entry form is customizable, such that fields not used by the agency may be removed from the data entry form. | Does Not Comply | |
| 539 | Mandatory | Multiple operators can add data to the same event at the same time. | Comply | |
| 540 | Mandatory | When multiple operators are adding data to the same event, the system appends the data from the multiple operators instead of overwriting the data. | Comply | |
| 541 | Mandatory | Events may be created that require the response of more than one discipline. | Comply | |
| 542 | Mandatory | Events may be created that require the response of more than one jurisdiction. | Comply | |
| 543 | Mandatory | Events may be created from mobile data devices. | Comply | |
| 544 | Mandatory | An operator can associate events together through operator function. | Comply | |
| 545 | Mandatory | Events may be associated automatically by the system, based on incident type or location. | Comply | We call these duplicate call candidates |
| 546 | Mandatory | Events may be associated manually using a CAD command. | Comply | |
| 547 | Mandatory | Associated events can be accessed (e.g., hyperlink, other methods) from the event display whether active, closed or cancelled. | Comply | |

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|--|------------|--|-------------------------------|--|
| 548 | Mandatory | Associated events are clearly denoted to indicate that there are other agencies responding (e.g., when a Fire incident is displayed, if there is an associated Law Enforcement or EMS incident, the corresponding incident number is displayed). | Comply | |
| 549 | Mandatory | Associated events may be disassociated by an operator with the use of a command. | Comply | |
| 550 | Mandatory | The system will notify associated incidents when updates are made to any other associated incident. | Comply | Call tab and altered fields are color coded. |
| 551 | Mandatory | An event may be selected to be displayed or updated by entering the fewest number of significant digits of the event number that allow a unique reference to the event (e.g., 3 or 4 rightmost digits of an event number). | Comply | |
| 552 | Mandatory | An event may be selected to be displayed or updated by referencing the unit ID of any unit assigned to the event. | Comply | |
| 553 | Mandatory | An event may be selected for display or update from the command line or form. | Comply | |
| 554 | Mandatory | The system supports the ability to attach files to an event from the CAD workstation. | Comply | |
| 555 | Mandatory | The system supports the ability to attach files to an event from the mobile client. | Partial Comply or Alternative | To an incident from the field |
| 556 | Mandatory | The ability to attach files to an event from the mobile client is controlled by the agency system administrator. | Partial Comply or Alternative | To an incident from the field |
| 557 | Mandatory | Attachments to events can be viewed from the event display form. | Comply | |
| 558 | Mandatory | The system provides an indicator in the event form if the event record includes attached files. | Comply | |
| 559 | Mandatory | When vehicle information is added to an event, the system automatically initiates an inquiry to the State and NCIC databases. The inquiry return will route to the initiating device for display. | Comply | |
| 560 | Mandatory | When driver information is added to an event, the system automatically initiates an inquiry to the State and NCIC databases. The inquiry return will route to the initiating device for display. | Comply | |
| 561 | Mandatory | An operator can designate an event as a "high priority" call. | Comply | |
| When an event is designated as "high priority", the system will: | | | | |
| 562 | Mandatory | Notify all dispatcher workstations | Comply | |
| 563 | Mandatory | Notification includes a non-obtrusive pop-up window | Comply | |
| 564 | Mandatory | Based on agency preference, the system may or may not require all dispatch workstations receiving the "high priority" call to acknowledge the receipt of the call (e.g., press a function key) | Comply | |
| 565 | Mandatory | If an acknowledgement is required, the system will record each acknowledgement in the event record with the operator ID and workstation ID | Comply | |
| 566 | Mandatory | Create a "Be on the lookout (BOLO)-like" notification sent to all dispatch workstations for radio broadcast, which is stamped with the operator ID and workstation ID when broadcast | Comply | |
| 567 | Mandatory | All high priority events entered into the system generate an agency-defined notification to designated workstations / persons / groups as assigned by the system administrator or supervisor (e.g., on a homicide, the Chief of Police, and Public Information Officer [PIO] are notified) | Comply | |
| 568 | Mandatory | An unlimited number of high priority notifications are allowed for any event type as determined by the system administrator. | Comply | |
| 569 | Mandatory | High priority notifications can be triggered by event type, location, specific addresses, etc. | Comply | |
| 570 | Mandatory | Individuals / groups notified of a high priority event receive an alert at their mobile device or workstation if they are logged on to CAD | Comply | |
| 571 | Mandatory | The system sends high priority event notifications to any wireless communication device (e.g., Simple Mail Transfer Protocol [SMTP], Messaging Application Program Interface [MAPI], SMS). | Comply | |
| 572 | Mandatory | Personnel receiving high priority event notifications via CAD messaging that acknowledge the message will have the acknowledgment captured with the event history. | Comply | |
| 573 | Mandatory | The agency can designate who has the capability to send high priority notifications. | Comply | |
| 574 | Mandatory | An event can be forwarded from the call taker to the dispatcher requiring only location (either valid location or manually-entered) and the event type of the call. | Comply | |
| 575 | Mandatory | An operator may continue to enter or update information of the event after the event has been transferred to the dispatcher. | Comply | |
| 576 | Mandatory | An operator does not have to take action to receive updated information for the event (dynamic updates). | Comply | |
| 577 | Mandatory | When an event in the pending queue is updated, the responsible dispatcher receives an audible (optional through system configuration) and visual notification. | Comply | |
| 578 | Mandatory | An operator can designate an event as a "details to follow" event. The system allows an operator to route the event to a dispatcher with the minimum required fields and invoke a system-definable indicator to the dispatcher that there is more information to follow. | Comply | |
| 579 | Mandatory | The system allows the "details to follow" notification to remain active until all responsible operators have acknowledged viewing of the details. | Comply | |
| 580 | Mandatory | After this action is invoked, the event entry remains active with all information entered. The call taker can continue entering additional information into their original event entry screen. | Comply | |
| 581 | Mandatory | The system allows the system administrator to define the users, workstations, and / or dispatch groups that receive the "details to follow" | Comply | |
| Event Data Elements | | | | |
| Event data record will be comprised of the following minimum data fields: | | | | |
| 582 | Mandatory | Unique event number | Comply | |
| 583 | Mandatory | Event location and all location changes | Comply | |
| 584 | Mandatory | X / Y coordinates | Comply | |
| 585 | Mandatory | Latitude / Longitude | Comply | |
| 586 | Mandatory | United States National Grid (USNG) | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|--|------------|--|-------------------------------|---|
| 587 | Mandatory | Proximity indicator (e.g., in front of, in area of) | Comply | Close-to marker |
| 588 | Mandatory | Response area information (e.g., reporting area, zone) | Comply | |
| 589 | Mandatory | Event type code (initial, all changes, final) | Comply | |
| 590 | Mandatory | Event sub-type code (initial, all changes, final) | Does Not Comply | Only use one event/call type code (multi-jurisdiction) |
| 591 | Mandatory | Priority (initial, all changes, final) | Comply | |
| 592 | Mandatory | Caller name | Comply | |
| 593 | Mandatory | Caller location | Comply | |
| 594 | Mandatory | Caller telephone number (from ANI spill if available) | Comply | |
| 595 | Mandatory | Alarm company | Comply | |
| 596 | Mandatory | No callback checkbox | Does Not Comply | |
| 597 | Mandatory | Fire / Ambulance notified checkbox | Does Not Comply | |
| 598 | Mandatory | Call source | Comply | |
| 599 | Mandatory | Alternate call back number | Comply | |
| 600 | Mandatory | Vehicle information | Comply | |
| 601 | Mandatory | Driver information | Comply | |
| 602 | Mandatory | Event status times | Comply | |
| 603 | Mandatory | Call received at PSAP from call spill data | Comply | |
| 604 | Mandatory | Call received at call taker workstation | Comply | |
| 605 | Mandatory | Event received at the dispatch workstation | Comply | |
| 606 | Mandatory | First unit dispatched | Comply | |
| 607 | Mandatory | First unit arrived by discipline | Comply | |
| 608 | Mandatory | First unit arrived (regardless of discipline) | Comply | |
| 609 | Mandatory | Last unit cleared by discipline | Comply | |
| 610 | Mandatory | Last unit cleared (regardless of discipline) | Comply | |
| 611 | Mandatory | Event closed | Comply | |
| 612 | Mandatory | Initial predefined unit recommendation | Comply | |
| 613 | Mandatory | Initial automatic vehicle location (AVL) unit recommendation | Comply | |
| 614 | Mandatory | Actual unit recommendation | Comply | |
| 615 | Mandatory | Primary unit | Comply | |
| 616 | Mandatory | Remarks | Comply | |
| 617 | Mandatory | Disposition codes | Comply | |
| 618 | Mandatory | Links to premises history, alerts, and hazards | Comply | |
| 619 | Mandatory | Links to operator-attached files | Comply | |
| 620 | Mandatory | Associated event number(s) | Comply | |
| 621 | Mandatory | Link to associated event(s) | Comply | |
| 622 | Mandatory | Operator IDs (initial, all updates and changes, close) | Comply | |
| 623 | Mandatory | Workstation ID (initial, all updates and changes, close) | Comply | |
| 624 | Mandatory | Agency-defined fields | Comply | Event codes |
| 625 | Mandatory | The system can format field entries to create standardized entries (e.g., telephone entry fields can format as xxx-xxx-xxxx or as xxxxxxxxxx), as determined by the agency | Partial Comply or Alternative | We format all phone numbers for legibility (123) 456-7890 |
| Event Cloning | | | | |
| 626 | Mandatory | The system provides the ability to clone incidents. Incident cloning allows for the creation of cloned (or linked) incidents after a parent incident has been created | Comply | |
| 627 | Mandatory | Event cloning may be initiated from the command line or from a form | Comply | |
| 628 | Mandatory | The system allows an operator to clone events with a pending, new, active, or closed status | Comply | |
| 629 | Mandatory | Cloned incidents maintain the current date and time as well as the date and time of the original incident, for the purposes of reporting incident response time data | Comply | |
| 630 | Mandatory | The system allows an operator to route the cloned event to any designated agency. | Comply | |
| 631 | Mandatory | Each cloned incident has its own incident number. | Comply | |
| 632 | Mandatory | Events may be created that require the response of more than one discipline. | Comply | |
| Event Record Numbering | | | | |
| The system automatically generates sequential record identifiers for the following: | | | | |
| | | Event numbers | | |
| 633 | Mandatory | The system automatically assigns a unique master event number for each created event. No duplicates are allowed. | Comply | |
| 634 | Mandatory | The system automatically assigns a unique event number per discipline for each created event. No duplicates are allowed. | Comply | |
| 635 | Mandatory | The system automatically assigns a unique event number per jurisdiction for each created event. No duplicates are allowed. | Comply | |
| 636 | Mandatory | An event number is assigned to each event entered into the system. | Comply | |
| 637 | Mandatory | Event numbers are at least 10 alphanumeric characters. | Comply | |
| 638 | Mandatory | Event numbers can have leading alpha characters, with digits following. | Comply | |
| 639 | Mandatory | Event numbers can support Julian Date in the format. | Comply | |
| 640 | Mandatory | Event numbers are system-generated. | Comply | |
| 641 | Mandatory | Event numbers can include an agency identifier. | Comply | |
| Case Numbers | | | | |
| 642 | Mandatory | The system can assign a unique case number per agency per discipline for each event at the discretion of the operator or when determined by policy established by the agency. No duplicates are allowed. | Comply | |
| 643 | Mandatory | The system allows multiple case numbers to be assigned to a single incident per agency | Comply | |
| 644 | Mandatory | Case numbers are referenced back to the incident event number | Comply | |
| 645 | Mandatory | Case numbers are system-generated | Comply | |
| 646 | Mandatory | Case numbers can be generated from the mobile device | Comply | |
| 647 | Mandatory | Case numbers can include an agency identifier | Comply | If manually entered |
| 648 | Mandatory | Event and case number format can be defined by the agency | Comply | |
| 649 | Mandatory | Event numbers automatically reset annually | Comply | |
| 650 | Mandatory | Each agency may define the fiscal reset date for the event numbers | Does Not Comply | At midnight of the new year. |
| 651 | Mandatory | The system allows the agency to determine if agency event numbers are automatically reset daily, monthly, or yearly | Does Not Comply | |
| 652 | Mandatory | An authorized user of an agency can adjust event numbers manually | Comply | |
| Priority | | | | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
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| 653 | Mandatory | The system supports predefined priorities associated with event type codes. | Comply | |
| 654 | Mandatory | The system provides a minimum of ten priority levels (numbered 0 through 9) for the purpose of assigning priority levels to incident types. | Comply | |
| 655 | Mandatory | The priority of an event is automatically assigned by the system according to the event type and location of the event from a predefined list of priorities. | Comply | |
| 656 | Mandatory | After the priority is assigned, it can be manually overridden by an operator. | Comply | |
| 657 | Mandatory | The system will track and capture, as a component of the event record, if the priority was overridden by an operator. | Comply | |
| 658 | Mandatory | The priority of an event, when listed on a status monitor, is distinguished by color and priority level. | Comply | |
| 659 | Mandatory | The priority of an event is established and maintained by an agency. | Comply | |
| 660 | Mandatory | The color representing each priority can be determined and maintained by the agency. | Comply | |
| 661 | Mandatory | The priority of an event, when listed on a status monitor, can be distinguished by symbol and priority level. | Comply | |
| 662 | Mandatory | The symbol representing each priority can be determined and maintained by the agency. | Does Not Comply | |
| 663 | Mandatory | The priority of an event may be changed at any time during an active event. | Comply | |
| 664 | Mandatory | When an event type is updated, the priority will be updated as well, if needed. | Comply | |
| Suspension of Event Entry | | | | |
| 665 | Mandatory | The system permits the suspension of data entry into a form to initiate a new event entry form. | Comply | |
| 666 | Mandatory | The system permits the suspension of data entry of a form to perform other system functions (e.g., dispatching, unit status update). | Comply | |
| 667 | Mandatory | When suspended, the data already entered in the form is saved for future processing. | Comply | |
| 668 | Mandatory | The system can return to the partially entered form for completion. | Comply | |
| 669 | Mandatory | Entry of data into a form may be canceled and the data discarded at the discretion of an operator. | Comply | |
| 670 | Mandatory | The system will notify the operator when a form has been opened beyond an agency-determined length of time. | Comply | |
| Scheduled Event | | | | |
| The system allows an event to be scheduled for a later time: | | | | |
| 671 | Mandatory | Scheduled by date / time | Comply | |
| 672 | Mandatory | Scheduled by unit ID | Partial Comply or Alternative | Is inserted in pending queue for normal dispatch processing. |
| 673 | Mandatory | The system allows a unit to be automatically assigned to a scheduled event | Comply | |
| 674 | Mandatory | The system allows for a unit to be manually assigned to a scheduled event | Comply | |
| 675 | Mandatory | If a unit is automatically assigned to a scheduled event, the system requires an acknowledgement from the unit to acknowledge the new status | Comply | |
| 676 | Mandatory | The system allows scheduled events to occur on a recurring basis | Comply | |
| Event Closure | | | | |
| 677 | Mandatory | An event can be closed by an operator. | Comply | |
| 678 | Mandatory | All units must be clear of an event before an event can be closed. | Comply | |
| 679 | Mandatory | All units can be cleared from an event and the event closed with a single command. | Comply | |
| 680 | Mandatory | When the final unit is cleared from the event, the event is closed. | Comply | |
| 681 | Mandatory | An event can be closed before having a unit assigned. The event record will require an appropriate disposition code. | Comply | |
| 682 | Mandatory | The system allows an "incident close" command. The incident close command closes out the incident with a single disposition, regardless of how many units were on the assignment. | Comply | |
| 683 | Mandatory | Remarks can be added to a closed event. | Comply | |
| 684 | Mandatory | Remarks can be restricted from being added to a closed event by a system administrator. | Comply | |
| Event Reopen | | | | |
| 685 | Mandatory | A closed event can be reopened. | Comply | |
| 686 | Mandatory | Any changes made to the event while reopened will appear in the event record. | Comply | |
| 687 | Mandatory | When an event is reopened, the existing data record is not affected (e.g., time codes remain intact). | Comply | |
| 688 | Mandatory | The reopened event is returned to the pending list and has an indicator showing it is a reopened event. | Comply | |
| 689 | Mandatory | Prior to closing a reopened event, the system requires an operator to validate or provide a disposition if necessary. | Comply | |
| 690 | Mandatory | The system allows an operator to enter comments into the canceled event once reopened. | Comply | |
| 691 | Mandatory | If an event was closed by cancellation without a unit being assigned to the event and is reopened with a unit being assigned, the transaction will become part of the unit and event history. | Comply | |
| Canceled Events | | | | |
| 692 | Mandatory | The system allows an event to be canceled without the assignment of units. | Comply | |
| 693 | Mandatory | The system allows an operator to assign a disposition to a canceled event. | Comply | |
| 694 | Mandatory | The system allows an operator to add remarks to a canceled event. | Comply | |
| 695 | Mandatory | The system allows a canceled event to be reopened. | Comply | |
| 696 | Mandatory | Any events canceled have to be approved by an authorized operator before completing the cancellation, configurable by agency. | Does Not Comply | |
| 697 | Mandatory | When an event is canceled without a disposition, the system will send notification to a designated device or person, configurable by agency. | Partial Comply or Alternative | All cancelled events require a dispo/reason. |
| Advise-Only Event Entry | | | | |
| 698 | Mandatory | The system permits the entry of an event without forwarding to a dispatch pending queue. | Comply | |
| 699 | Mandatory | An event can be assigned an event number without resources assigned. | Comply | |
| 700 | Mandatory | The advise-only event will be recorded as advise-only. | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|--|------------|---|-----------------|---|
| Catch-up Mode | | | | |
| 701 | Mandatory | The system provides a method for the agency to enter event data into CAD that was manually recorded while the CAD system was not operational (catch-up mode). | Comply | |
| 702 | Mandatory | The system indicates in the event record when event data is entered in catch-up mode. | Comply | |
| 703 | Mandatory | Unit status and times may be recorded with an event that is being entered in catch-up mode. | Comply | |
| 704 | Mandatory | The system allows the agency to reserve a block of event numbers for use with entering event records in catch-up mode. | Comply | |
| 705 | Mandatory | The system allows the agency to reserve a block of case numbers for use with entering event records in catch-up mode. | Comply | |
| 706 | Mandatory | The event record number is automatically assigned to the catch-up event from a pool of unassigned numbers set aside for this purpose. | Comply | |
| 707 | Mandatory | Records entered in catch-up mode are flagged as such. | Comply | |
| Location Validation | | | | |
| 708 | Mandatory | Location Validation functionality apply to all CAD users (e.g., PSAP based, mobile). | Comply | |
| 708 | Mandatory | The system utilizes the progressive filtering of the possible street names on entry of the characters in the street name field beginning with the first character entered. | Comply | |
| 710 | Mandatory | The system can verify a location by a street address using an abbreviated process (e.g., entering "100 S" would display all streets that have a 100 block and that start with "S"). | Comply | |
| 711 | Mandatory | The system can verify a location by a common place using an abbreviated process (e.g., entering "L" would display all Common Places that start with "L"). | Comply | |
| 712 | Mandatory | The system can verify a location by an intersection using an abbreviated process (e.g., entering "L / S" would display all streets that start with "L" that intersect with a street that starts with "S") | Comply | |
| 713 | Mandatory | The system has the ability to accept a valid street name and, as a result, present a list of cross streets and associated address ranges. | Comply | |
| 714 | Mandatory | Addition of the address number adds to the filter for location validation, further focusing the search. | Comply | |
| 715 | Mandatory | The results of the progressive filtering process are displayed as a drop down list. | Comply | |
| 716 | Mandatory | The system provides a list of possible matches to a misspelled location. | Comply | We train call takers to enter just a few letters and let intelligence display filtered matches. |
| 717 | Mandatory | The system generates a list of possibilities from which to pick if an exact match is not found during location validation. | Comply | |
| 718 | Mandatory | An operator can pick a possibility from the list to continue the location validation process or continue entry of the location manually. | Comply | |
| 719 | Mandatory | The system previews possible location matches by displaying cross streets, responder information, and displaying the location points on the integrated map. | Comply | |
| 720 | Mandatory | The system accurately processes complex street names (e.g., East North Broadway Street). | Comply | |
| 721 | Mandatory | The system accurately processes street numbers with fractions (e.g., 32 1/2 E North Broadway St). | Comply | |
| 722 | Mandatory | The system accurately processes a location with an apartment number. | Comply | |
| 723 | Mandatory | The system accurately processes a location from a point-and-click on the integrated map. | Comply | |
| 724 | Mandatory | The system validates a location without creating an event. | Comply | |
| 725 | Mandatory | The system can use a hot key to display an entry form. | Comply | |
| 726 | Mandatory | In this case, the system will process the location and return the recommendations without creating an event. | Comply | |
| 727 | Mandatory | If an event location is changed, the system automatically initiates the location validation process. | Comply | |
| 728 | Mandatory | It is possible to bypass or override the automatic location validation process. | Comply | |
| 729 | Mandatory | When an event is processed with an overridden location, the system presents a challenge question to an operator to ensure the correct override is selected. | Comply | |
| 730 | Mandatory | When an event is processed with an overridden location, the event is flagged for later reporting. | Comply | |
| 731 | Mandatory | When an event is processed with an overridden location, the system will provide a notification message to a designated user account. | Comply | |
| 732 | Mandatory | The system can process an event without a validated location, which will then use a designated response area entered by an operator to route the event to the appropriate dispatch workstation. | Comply | |
| 733 | Mandatory | The system processes location verification using an algorithm starting with address point and continuing in a prioritized, systematic manner. | Comply | |
| 734 | Mandatory | When processing for location verification, the system can reference map layers in a hierarchical method to obtain location information. | Comply | |
| 735 | Mandatory | The system can perform address validation when CAD is down. | Comply | via the map |
| 736 | Mandatory | A Soundex function is available when entering a location for validation. | Comply | We train call takers to enter just a few letters and let intelligence display filtered matches. |
| 737 | Mandatory | Upon location validation, the system displays location on the map. | Comply | |
| 738 | Mandatory | Upon location validation, the system displays the valid address with common place name, when applicable. | Comply | |
| The system displays the following information regarding a valid location: | | | | |
| 739 | Mandatory | High and low cross streets | Comply | |
| 740 | Mandatory | City | Comply | |
| 741 | Mandatory | Jurisdiction / Agency | Comply | |
| 742 | Mandatory | Customized point in a polygon | Comply | |
| 743 | Mandatory | Neighborhood | Comply | |
| 744 | Mandatory | Common place or business name | Comply | |
| 745 | Mandatory | Response area | Comply | |
| 746 | Mandatory | Map page | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
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| 747 | Mandatory | Mobile Home Park lot number and apartment numbers | Comply | |
| 748 | Mandatory | Premises warnings or hazards by exact address | Comply | |
| 749 | Mandatory | Premises warnings or hazards within a configurable radius | Comply | |
| 750 | Mandatory | Prior incidents at exact address within a configurable period of time | Comply | All are ordered chronologically, descending |
| The following are valid verifiable locations: | | | | |
| 751 | Mandatory | Civic address | Comply | |
| 752 | Mandatory | Longitude and latitude coordinates | Comply | |
| 753 | Mandatory | From 9-1-1 data | Comply | |
| 754 | Mandatory | From map click | Comply | |
| 755 | Mandatory | Direct entry | Comply | |
| In the following formats: | | | | |
| 756 | Mandatory | Degrees, minutes, seconds | Comply | |
| 757 | Mandatory | Degrees, decimal minutes | Comply | |
| 758 | Mandatory | Decimal degrees | Comply | |
| 759 | Mandatory | Military grid reference system (MGRS) | Comply | |
| 760 | Mandatory | United States National Grid (USNG) | Comply | |
| 761 | Mandatory | Intersection | Comply | |
| 762 | Mandatory | Cell towers | Comply | |
| 763 | Mandatory | Block | Comply | |
| 764 | Mandatory | Common name | Comply | |
| 765 | Mandatory | Apartment complex | Comply | |
| 766 | Mandatory | Apartment building name or number | Comply | |
| 767 | Mandatory | Mile markers | Comply | |
| 768 | Mandatory | Point from the integrated map | Comply | |
| 769 | Mandatory | Current location of an officer using coordinates | Comply | |
| 770 | Mandatory | Emergency call boxes on trails and highways | Comply | |
| 771 | Mandatory | Interstate (limited access roadway) | Comply | |
| 772 | Mandatory | Interstate exits | Comply | |
| The following are valid elements of a location eligible for location validation: | | | | |
| 773 | Mandatory | Directional prefix | Comply | |
| 774 | Mandatory | Numeric address, including fraction | Comply | |
| 775 | Mandatory | Hundred block | Comply | |
| 776 | Mandatory | Customized numeric range | Comply | |
| 777 | Mandatory | Street name | Comply | |
| 778 | Mandatory | Alias street name | Comply | |
| 779 | Mandatory | Street type | Comply | |
| 780 | Mandatory | Directional suffix | Comply | |
| 781 | Mandatory | Apartment number (separate field) | Comply | |
| 782 | Mandatory | Including 1/2 apartment numbers (e.g., 32 1/2) | Comply | |
| 783 | Mandatory | Alphanumeric (e.g., 2D) | Comply | |
| 784 | Mandatory | Building ID (separate field) | Comply | |
| 785 | Mandatory | Mobile Park lot number | Comply | |
| 786 | Mandatory | Floor number (separate field) | Comply | |
| 787 | Mandatory | Subdivision (separate field) | Comply | |
| 788 | Mandatory | Neighborhood | Comply | |
| 789 | Mandatory | Municipality | Comply | |
| 790 | Mandatory | Mile marker | Comply | |
| 791 | Mandatory | Exit number | Comply | |
| 792 | Mandatory | The system validates the location associated with a self-initiated event (e.g., traffic stop). | Comply | |
| 793 | Mandatory | The system performs location validation on a location entered on the mobile device. | Comply | |
| 794 | Mandatory | The system can generate a report of location overrides including all data, operator ID, date, time, and workstation ID | Comply | |
| 795 | Mandatory | More than one operator at a time can update event data on the same event record. | Comply | |
| 796 | Mandatory | The system records location changes resulting from wireless caller location and rebid results. (Configurable by agency to update location or add to call notes) | Comply | |
| 797 | Mandatory | The system can accept and process location information in Presence Information Data Format - Location Object (PIDF-LO) format. | Comply | |
| 798 | Mandatory | The system can accept and process location information in United States Civic Location Data Exchange Format, NENA-STA-004. | Comply | |
| 799 | Mandatory | The system meets applicable NENA Next Generation 9-1-1 (NG9-1-1) capabilities of accepting and processing location protocol (PIDF-LO) and various data (e.g., text, video, audio, X / Y coordinates) as presented to the CAD /9-1-1 network interface | Comply | |
| Street Name Alias | | | | |
| 800 | Mandatory | The system can associate an alias name for a street name (e.g., US 377 for Fort Worth Drive). | Comply | |
| 801 | Mandatory | An alias name can associate with an Interstate (e.g., I35 for Stemmons Frwy) | Comply | |
| 802 | Mandatory | The system can associate multiple alias names for a street name. | Comply | |
| 803 | Mandatory | The system can associate the same alias name for multiple streets. | Comply | |
| 804 | Mandatory | The system can associate an alias with a block range of a street. | Comply | |
| 805 | Mandatory | The system can associate multiple aliases with a block range of a street. | Comply | |
| 806 | Mandatory | When validated with an alias street name, the system displays the civic address and the alias name. | Comply | |
| Common Place | | | | |
| 807 | Mandatory | The system can associate multiple common place names with a single address (e.g., shops at a shopping mall, structure known by several names). | Comply | |
| 808 | Mandatory | The common place name field must capture at least 50 characters | Partial Comply or Alternative | 40 characters |
| 809 | Mandatory | An event may be created using a validated common place name and event type | Comply | |
| 810 | Mandatory | The system can associate multiple locations with a single common place name (e.g., multiple locations for a fast food chain within the city) | Comply | |

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| 811 | Mandatory | When validated using a common place name, the actual civic address is displayed, along with the common place name | Comply | |
| 812 | Mandatory | Common place entries may be added, edited, and deleted by a system administrator | Comply | |
| 813 | Mandatory | The system associates aliases for common place entries | Comply | |
| Intersections | | | | |
| 814 | Mandatory | The system can process traffic intersection locations requiring an intersection to have only a single entry in the location table, if a location table (geofile) is used. | Comply | |
| 815 | Mandatory | The system accurately processes an intersection location without regard to the order of the streets stored in the data file or order presented for validation. | Comply | |
| 816 | Mandatory | The system can automatically process intersection locations from geographic information system (GIS) data files. | Comply | |
| 817 | Mandatory | When streets intersect more than once, the system provides the operator with a list of intersections from which to choose the appropriate location, the list will include the city code / jurisdiction for each intersection listed | Comply | |
| 818 | Mandatory | The system can process and can correctly recommend resources for an intersection location at which multiple political or precinct boundaries meet. | Comply | |
| 819 | Mandatory | The system can process and recommend resources for streets that pass over or under another street and may not intersect. | Comply | |
| Duplicate Event Detection | | | | |
| 820 | Mandatory | The system automatically checks an entered event for possible match of existing events (active and closed) as duplicate events. | Comply | |
| 821 | Mandatory | Based on an exact match of the location. | Comply | |
| 822 | Important | Based on the street segment and nearby street segments of the location. | Comply | |
| 823 | Important | Based on the distance parameter established by the agency between the location of the original event and the event being evaluated as a duplicate event. | Comply | |
| 824 | Important | Based on the event type of the events. | Comply | |
| 825 | Important | Based on the time of the events. | Comply | |
| 826 | Important | Closed events based on a time parameter established by the agency (e.g., within 10 minutes of the closing of an event). | Comply | |
| 827 | Mandatory | The system displays a list of possible duplicate events, in a separate work area, when detected. | Comply | |
| 828 | Mandatory | The system can add the remarks from duplicated events into the main event, at the discretion of the operator. | Comply | |
| 829 | Mandatory | The operator can select and view the full details of a possible duplicate event from the list. | Comply | |
| 830 | Mandatory | The operator can reject the supposition that events are duplicates and continue to enter the event as a unique event. | Comply | |
| | | | | |
| 831 | Mandatory | Associate the event being entered with the already established event. | Comply | |
| 832 | Mandatory | If the established event is still active, allow the operator to update the information in the established event. | Comply | |
| 833 | Mandatory | The system notifies the dispatcher that additional information was added to the established event. The event being entered is closed. | Comply | |
| 834 | Mandatory | If the established event is closed, cross-reference the current event with the established event. The event being entered is closed. | Comply | |
| 835 | Mandatory | Cancel the event being entered. | Comply | |
| 836 | Mandatory | If the event to be canceled has been assigned an event number, the canceled event is marked as a duplicate and cross-referenced to the active event that will be handled. | Comply | Related call |
| Event Type Code | | | | |
| 837 | Mandatory | The event type code of an incident can be keyed in by an operator. | Comply | |
| 838 | Mandatory | The event type code must allow a minimum of 15 characters in length. | Partial Comply or Alternative | 8 character code and 30 char description |
| 839 | Mandatory | The system allows for an unlimited number of event types. | Comply | |
| 840 | Mandatory | The event type may be selected from a drop down list. | Comply | |
| 841 | Mandatory | The event type codes on the list are selected from the characters entered by an operator. | Comply | |
| 842 | Mandatory | The drop down list of the event type codes becomes more focused as more characters are added. | Comply | |
| 843 | Mandatory | The drop down list of the event type codes are specific to the logged-on agency. | Comply | |
| 844 | Mandatory | The drop down list of the event type codes are specific to the logged-on discipline. | Comply | |
| 845 | Mandatory | Update of the event type code data table does not require the system to be restarted. | Comply | |
| 846 | Mandatory | An event type code description is associated with the event type code. | Comply | |
| 847 | Mandatory | The event type code description is displayed as part of the event entry and dispatch entry forms. | Comply | |
| 848 | Important | The system may associate multiple alias codes for an event type code. | Comply | |
| 849 | Important | The system may configure event type codes with secondary event type codes that supplement, or further describe, the main event type codes. | Comply | |
| 850 | Important | The system can distinguish between active ("person with a gun") and past ("seeing a person with a gun yesterday") and allows differing response priority. | Comply | |
| 851 | Important | The alias event type codes function as the parent event type code. | Comply | |
| 852 | Mandatory | The system permits the event type of an incident to be updated at any time during the event. | Comply | |
| 853 | Mandatory | The system tracks the changes in event type, records the operator ID that changed the event type, and stores the change in the event record. | Comply | |
| 854 | Mandatory | The change in event type triggers unit recommendation. | Comply | |
| 855 | Mandatory | The system displays the updated unit recommendation. | Comply | |
| 856 | Mandatory | The system does not automatically alter the unit recommendation currently in effect. | Comply | |
| 857 | Mandatory | The operator may change the current unit recommendation that is in effect. | Comply | |

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| 858 | Mandatory | The system notifies the operator with an audible and visual alert when the event type is changed for an event. Notification is configurable by agency. | Partial Comply or Alternative | visual |
| 859 | Mandatory | The system automatically sends a message (SMS and / or email) to selected personnel depending on event type | Comply | |
| 860 | Mandatory | The system allows for the capability of adding optional remarks associated with the event type parameter. | Comply | |
| Remarks | | | | |
| 861 | Mandatory | Remarks functionality applies to all CAD users (e.g., in the PSAP, mobile). | Comply | |
| 861 | Mandatory | Remarks are entered as narrative text. | Comply | |
| 863 | Mandatory | The system allows unlimited text to be entered in a remark line. | Comply | |
| 864 | Mandatory | Pressing the return key indicates end of remark line and the remark is then entered as an element of the event record. | Partial Comply or Alternative | Ctrl-Enter is used to save the remark. This allows for remarks with a CrLf. |
| 865 | Mandatory | On the completion of a remark entry, the remark is stamped with date, time, operator ID, and workstation ID. | Comply | |
| 866 | Mandatory | All remarks entered during event entry may be changed at any time prior to transmitting the event. | Comply | |
| 867 | Mandatory | Remarks for an event are displayed in a remarks area, allowing an operator to navigate all remarks in the remarks area using arrow keys or the scroll wheel of the mouse. | Comply | |
| 868 | Mandatory | Remarks are associated with an event. | Comply | |
| 869 | Mandatory | Remarks are viewed in chronological order of entry. | Comply | |
| 870 | Mandatory | Remarks can be viewed in ascending or descending order, at the user's discretion. | Comply | |
| 871 | Mandatory | Remarks can auto-display in a separate window, to be configured by agency. | Comply | |
| 872 | Mandatory | Multiple remark lines can be entered with each event. | Comply | |
| 873 | Mandatory | The remarks area utilizes the word wrap feature for entry and display. | Comply | |
| 874 | Mandatory | The system allows an unlimited number of remarks added to an event. | Comply | |
| 875 | Mandatory | Any authorized operator can add remarks to any active or pending event. | Comply | |
| 876 | Mandatory | The system allows remarks to be added to closed events without reopening the event. | Comply | |
| 877 | Mandatory | Remarks added to closed events are notated in the event record. | Comply | |
| 878 | Mandatory | Multiple operators may enter remarks to the same event at the same time. | Comply | |
| 879 | Mandatory | The system alerts the operator responsible for an event when additional information is added to an event. | Comply | |
| 880 | Mandatory | This notification does not require operator action. | Comply | |
| 881 | Mandatory | The system clears the alert automatically after reviewing the update. | Comply | |
| 882 | Mandatory | Throughout the remarks narrative, the system provides the ability to automatically highlight keywords (e.g., gun, knife). | Does Not Comply | |
| 883 | Mandatory | The operator (communications center or mobile) is notified when remarks with highlighted keywords are added to the narrative of an event for which the operator is responsible. | Does Not Comply | |
| 884 | Mandatory | The keyword list is created and maintained by the agency. | Comply | |
| 885 | Mandatory | Throughout the remarks narrative, the system provides the ability to activate a "spell check" feature, at the discretion of the operator. | Does Not Comply | |
| 886 | Mandatory | The dispatcher is notified when remarks are added to an event for which the dispatcher is responsible. | Comply | |
| 887 | Mandatory | Additional remarks added to an event automatically insert in the remarks area and display in a different color until viewed or acknowledged. | Comply | |
| 888 | Mandatory | The system is capable of performing automatic redaction of remarks items prior to printing when activated by the operator. The redaction algorithm is established by agency. | Does Not Comply | |
| Resource Assignment and Control (Dispatcher) | | | | |
| Dispatching workstations can be differentiated by: | | | | |
| 889 | Mandatory | Geographic area of responsibility (e.g., police district, citywide) | Comply | |
| 890 | Mandatory | Function (e.g., NCIC inquiry, dispatcher, supervisor) | Comply | |
| 891 | Mandatory | Special assignment (e.g., task force) | Comply | |
| 892 | Mandatory | Hosting PSAP | Comply | |
| Routing of the Event to the Dispatching Workstation | | | | |
| 893 | Mandatory | The system automatically routes an entered event to the dispatching workstation(s) based on the geographic location of the event. | Comply | |
| 894 | Mandatory | The system automatically routes an entered event to the dispatching workstation(s) based on the discipline to be assigned to the event. | Comply | |
| 895 | Mandatory | The routing assignment for the event can be manually assigned or overridden by an operator. | Comply | |
| 896 | Mandatory | The system allows multiple workstations to monitor and have responsibility for an event simultaneously. | Comply | |
| 897 | Mandatory | Active remote workstations, when authorized, can be included in event call routing (e.g., workstations in the command vehicle, at the EOC). | Comply | |
| 898 | Mandatory | Events may be transferred from one dispatching area of responsibility to another. | Comply | |
| 899 | Mandatory | Events may be transferred from one dispatching group to another. | Comply | |
| 900 | Important | Events may be transferred from one participating communications center to another via CAD-to-CAD interface. | Partial Comply or Alternative | ICS has generic imports and exports to accommodate this. |
| Workstation Sections for Dispatching | | | | |
| Event Display and Data Entry Area | | | | |
| 901 | Mandatory | Event details are displayed when the event is selected from either the pending or active event lists by an operator. | Comply | |
| 902 | Mandatory | The location of the event becomes the focus of the map. | Comply | |
| 903 | Mandatory | The event display record indicates priority using color code and symbol. | Comply | |
| 904 | Mandatory | The event display record colors and symbols are defined and maintained by the agency. | Partial Comply or Alternative | colors only |
| 905 | Mandatory | The event display record can include responding units. | Comply | |
| Pending Event Display Area | | | | |
| 906 | Mandatory | The displayed pending event list can be limited to the scope of the dispatcher workstation (e.g., the dispatch workstation for Airport Station will show only that precinct's events). | Comply | |
| 907 | Mandatory | The pending event list can be sorted by any available field. | Comply | |
| 908 | Mandatory | The pending event list can be filtered by any available field. | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
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| 909 | Mandatory | All columns, except for event number, may be hidden at the discretion of an operator. | Comply | |
| 910 | Mandatory | A visual and audible (option using configuration setting) indication is provided when a new event is added to a pending event list. | Comply | |
| 911 | Mandatory | A visual and audible (option using a configuration setting) indication is provided when a pending event is updated. | Partial Comply or Alternative | Visual only |
| 912 | Mandatory | Notification is provided to the operator when the event has exceeded the agency-defined amount of time in the pending list; defined by priority and event type code. | Comply | |
| 913 | Mandatory | The pending event list is sorted by priority. The higher the priority, the higher the ranking. | Comply | |
| 914 | Mandatory | When there are multiple events on the pending event list of the same priority, the events of the same priority are sorted by length of time spent in the pending events list. The event with the longer duration in the pending queue is higher ranked. | Comply | |
| The pending list automatically updates as pending events are: | | | | |
| 915 | Mandatory | Added to the list | Comply | |
| 916 | Mandatory | Modified | Comply | |
| 917 | Mandatory | Removed from the list; either canceled or selected to be dispatched | Comply | |
| 918 | Mandatory | Events on the pending list can be canceled by any authorized operator or supervisor. | Comply | |
| 919 | Mandatory | Other operators (e.g., call takers, supervisors), can place a "request to cancel" for an event on the pending list to the operator responsible for the event. | Comply | |
| The pending list includes the following fields: | | | | |
| 920 | Mandatory | Event number | Comply | |
| 921 | Mandatory | Event type code | Comply | |
| 922 | Mandatory | Priority | Comply | |
| 923 | Mandatory | Sub-priority | Comply | Priority by agency |
| 924 | Mandatory | Civic address | Comply | |
| 925 | Important | Common place name | Comply | |
| 926 | Mandatory | Building and apartment number | Comply | |
| 927 | Mandatory | Beat | Comply | |
| 928 | Important | ID of workstation initiating the event | Comply | |
| 929 | Mandatory | Elapsed time on pending list | Comply | |
| Active Event Display Area | | | | |
| The active event display can be sorted by: | | | | |
| 930 | Mandatory | Priority | Comply | |
| 931 | Mandatory | Age of event / time received | Comply | |
| 932 | Important | Event number | Comply | |
| 933 | NA | Precinct | Comply | |
| The active event list includes the following fields: | | | | |
| 934 | Mandatory | Flags | Comply | |
| 935 | Mandatory | Event start time | Comply | |
| 936 | Mandatory | Agency | Comply | |
| 937 | Mandatory | Event number | Comply | |
| 938 | Mandatory | Event type code | Comply | |
| 939 | Mandatory | Priority | Comply | |
| 940 | Important | Sub-priority | Comply | Priority by agency |
| 941 | Mandatory | Civic address / common place name / building and apartment number | Comply | |
| 942 | Mandatory | Beat | Comply | |
| 943 | Mandatory | All columns, except for event number, may be hidden at the discretion of an operator. | Comply | |
| 944 | Mandatory | The active event display may be sorted by any field available. | Comply | |
| 945 | Mandatory | The active event list can be filtered by any available field. | Comply | |
| 946 | Mandatory | The status of an event, when listed on a status monitor, is distinguished by color and by priority level. | Comply | |
| 947 | Mandatory | The color representing each event status can be determined and maintained by the agency. | Comply | |
| Unit Display Area | | | | |
| Unit display can be sorted by: | | | | |
| 948 | Mandatory | Unit ID | Comply | |
| 949 | Mandatory | Assignment (e.g., patrol, task force, special duty) | Comply | |
| 950 | Mandatory | Assigned event number | Comply | |
| 951 | Mandatory | civic address / common place name / building and apartment number | Comply | |
| 952 | Mandatory | 1-person / 2-person | Comply | |
| 953 | Mandatory | Status | Comply | |
| 954 | Mandatory | Time in status | Comply | |
| 955 | Mandatory | Precinct | Comply | |
| 956 | Mandatory | Special equipment indicator | Comply | |
| 957 | Mandatory | All columns, except for unit ID, may be hidden at the discretion of an operator. | Comply | |
| 958 | Mandatory | The unit display may be sorted by any field available. | Comply | |
| 959 | Mandatory | The unit status display record is color-coded by status. | Comply | |
| 960 | Mandatory | The unit status record colors are defined and maintained by the respective agency. | Comply | |
| 961 | Mandatory | The unit status display can be separated by unassigned and assigned unit status. | Comply | |
| 962 | Mandatory | The system display area displays (station based) static units separately from roaming units. | Comply | |
| Dispatch-Related Activities | | | | |
| 963 | Mandatory | An operator may use a hot key to select the highest ranked event on the pending event list for dispatch processing. | Comply | |
| 964 | Mandatory | An operator may select any event on the pending event list for dispatch processing. | Comply | |

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| 965 | Mandatory | Resources from different jurisdictions / agencies can be assigned to the same event. The system is multi-jurisdictional (i.e., the system assigns resources based on individual jurisdiction policy for a nature code on the same event). For example, Jurisdiction A requires two (2) engines and one (1) truck to a structure fire, while Jurisdiction B requires one (1) engine and two (2) trucks. | Comply | |
| 966 | Mandatory | The system operates in an environment of multi-discipline resources on the same event (e.g., Emergency Medical Services [EMS], Fire, and Law Enforcement can be assigned and tracked by the same dispatcher without having to reference separate events). | Comply | |
| 967 | Mandatory | The system operates in an environment of multi-jurisdictional resources on the same event (e.g., City and County resources on the same event). | Comply | |
| 968 | Mandatory | The system operates multiple disciplines within a jurisdiction. | Comply | |
| 969 | Mandatory | The system does not limit the number of users that can review and update a single incident at the same time. | Comply | |
| | | When a pending event is selected by an operator for dispatch processing: | | |
| 970 | Mandatory | The event data is displayed in the dispatch event form | Comply | |
| 971 | Mandatory | The selected event is displayed on the workstation map | Comply | |
| 972 | Mandatory | The system presents recommended units for assignment from predetermined assignment records. | Comply | |
| 973 | Mandatory | The location of the event becomes the focus of the map. | Comply | |
| 974 | Important | The system recommends the radio talk group using the radio console interface. | Partial Comply or Alternative | The system assigns the radio talk group based upon available channels in the CAD system and by call type. |
| An operator may select an event for viewing or updating through the following actions: | | | | |
| 975 | Mandatory | Function key selecting the highest priority, longest in queue. | Comply | |
| 976 | Mandatory | Specifying the event number (partial number) on the command line or a form. | Comply | |
| 977 | Mandatory | Specifying a unit assigned to the event from the command line or a form. | Comply | |
| 978 | Mandatory | Pointing and clicking from the list of active events. | Comply | |
| 979 | Mandatory | Pointing and clicking on the event icon displayed on the map. | Comply | |
| 980 | Mandatory | The display includes all activity associated with that event. | Comply | |
| 981 | Mandatory | The selected event is not removed from the pending list until processed (e.g., dispatch units assigned, canceled by the operator). | Comply | |
| 982 | Mandatory | The dispatcher may create an event (e.g., traffic stop). | Comply | |
| 983 | Mandatory | For a traffic stop, the unit(s) assigned to the event have a status of "arrived." | Comply | |
| 984 | Mandatory | On selecting a pending event for dispatch processing, an operator may transfer the event to another workstation or workstation group. | Comply | |
| 985 | Mandatory | An operator may initiate a "storm mode" where calls can be assigned to a unit's stack. When in storm mode, units may self-dispatch from calls in the unit's stack. | Comply | |
| 986 | Mandatory | When storm mode is ended, the system returns to normal dispatch operations. | Comply | |
| 987 | Mandatory | An operator can select an event from the unit's event stack for assignment to a unit or assign a unit to an event from the operator's pending list. | Comply | |
| 988 | Mandatory | The transferred event is added to the receiver's pending event list, if no units have been specified for dispatching. | Comply | |
| 989 | Mandatory | The transferred event is added to the receiver's active event list, if units have been specified for dispatching. | Comply | |
| 990 | Mandatory | The responsibility for those units is transferred as well. | Comply | |
| 991 | Mandatory | On closing the event, responsibility for transferred units returns to the home workstation. | Comply | |
| 992 | Mandatory | An event may be reserved for dispatch to a specific unit, even if the unit is not logged on or is busy, by assigning it to the unit's event stack. | Does Not Comply | |
| 993 | Mandatory | An operator may accept the default resource assignment recommendations from the system and dispatch the event with a single command or function key (e.g., "Dispatch [event number]," "Dispatch" button on the dispatch event form). | Comply | |
| 994 | Mandatory | An operator may make any changes to the event, location, and assignment recommendations and dispatch the event. | Comply | |
| 995 | Mandatory | The system allows an unlimited number of updates to an event. | Comply | |
| The system responds to the initial execution of the dispatch command by automatically performing the following: | | | | |
| 996 | Mandatory | Assigning the selected resources to the event | Comply | |
| 997 | Mandatory | Removing the event from the dispatcher's pending queue | Comply | |
| 998 | Mandatory | Updating the status of the dispatched units in all map windows | Comply | |
| 999 | Mandatory | Starting the status timers for the dispatched resources | Comply | |
| 1000 | Mandatory | Logging the resources dispatched in the event history | Comply | |
| 1001 | Mandatory | Creating or updating the appropriate resource history record(s) | Comply | |
| 1002 | Mandatory | Time-stamping all key event actions | Comply | |
| 1003 | Mandatory | Sending event information to the mobile device, should the unit being dispatch have a mobile device | Comply | |
| 1004 | Mandatory | Generating required tones via the toning / paging interface, if appropriate | Comply | |
| 1005 | Mandatory | Generating and sending rip-and-run information to involved resources and/or stations, if appropriate | Comply | |
| 1006 | Mandatory | Generating and sending alphanumeric text notifications, if appropriate | Comply | |
| 1007 | Mandatory | Generating and sending email notifications to external relay systems, e.g., Active911 | Comply | ICS provides APIs that export and import call data. |
| 1008 | Mandatory | An unlimited number of event notifications are allowed for any event type, as determined by the system administrator. | Comply | |
| 1009 | Mandatory | The content of automatic external event notifications should be agency-specific, based on user-definable available event information. | Comply | |
| The trigger for automatic external event notification should include any or all of the following: | | | | |
| 1010 | Mandatory | Unit dispatched | Comply | |
| 1011 | Mandatory | Event type with specified status (e.g., pending, dispatched) | Comply | |
| 1012 | Mandatory | Event benchmarks | Comply | |
| 1013 | Mandatory | Event priority | Comply | |

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| 1014 | Mandatory | The system allows manual initiation of event notification to a specified unit, unit type, or operator ID. | Comply | |
| 1015 | Mandatory | The acknowledgment by an operator of a received notification is placed into the event history | Comply | |
| 1016 | Mandatory | The system has the ability to transmit specific agency-definable information from the event to specified MMS- and SMS-capable wireless devices and workstations. | Partial Comply or Alternative | SMS |
| 1017 | Mandatory | The system can initiate an emergency notification to a logged on field unit without having to dispatch the unit to the event. | Comply | |
| 1018 | Mandatory | The system allows the event data to be updated after dispatch. The system reevaluates the event, making adjustments to unit recommendations, if necessary. Units already assigned to the call are not automatically removed. | Comply | |
| 1019 | Mandatory | The system sends updated event information to the mobile device upon entry. | Comply | |
| 1020 | Mandatory | Active events may be transferred to other workstations and include all units and related information. | Comply | |
| 1021 | Mandatory | Active events may be transferred to other dispatch groups and include all units and related information. | Comply | |
| 1022 | Mandatory | The system is capable of accepting and managing agency-provided PAIs internally, without the use of third-party products. | Comply | We provide call taker and disptcher instructions |
| 1023 | Mandatory | The agency can create pre-arrival instructions based on agency SOPs. | Comply | |
| 1024 | Mandatory | Agency-created PAIs are based on event type code. | Comply | Can attach PAI and/or SOP to any event type. |
| 1025 | Mandatory | The system selects agency-created PAIs when the event type code is entered. | Comply | Can attach PAI and/or SOP to any event type. |
| 1026 | Mandatory | Dialog and response associated with the PAI are stored with the event record and are accessible to mobile devices. | Comply | ProQA PAIs are available to mobile devices. |
| Event Disposition Code | | | | |
| 1027 | Mandatory | The system allows an event disposition code to be added to an event on event closing. | Comply | |
| 1028 | Mandatory | The disposition code can be a required parameter depending on the event type. | Comply | |
| 1029 | Mandatory | The disposition codes are created and maintained by the respective agency. | Comply | |
| 1030 | Mandatory | Remarks can be added to the disposition entry by an operator. | Comply | |
| 1031 | Mandatory | Disposition codes have to be related to the event type. | Partial Comply or Alternative | Specific to the agency type |
| 1032 | Mandatory | The system can restrict the addition of a specific disposition code based on event type. | Partial Comply or Alternative | Specific to the agency type |
| 1033 | Mandatory | On closing an event, the system can send a request to the unit or officer's mobile device to add the event disposition. | Comply | Not needed since a dispo is required before closing the call. |
| 1034 | Mandatory | Multiple disposition codes may be associated with an event (e.g., event, arrest). | Comply | Dispositions are required by primary officer. Additional dispositions (which we call events) can be selected (potential for family violence, etc.) . |
| 1035 | Mandatory | The system supports the ability to add unlimited dispositions per incident. | Comply | One per agency, multiple agencies. |
| 1036 | Mandatory | The system allows the entry of an event disposition before closing the event. | Partial Comply or Alternative | Closing is performed automatically when a dispo is entered. |
| 1037 | Mandatory | The last unit cleared from an event requires the declaration of an event disposition. | Comply | |
| 1038 | Mandatory | A disposition can be required for an event based on nature code, by agency. | Partial Comply or Alternative | All events require the primary officer to select a disposition. |
| 1039 | Mandatory | The system can auto-generate a case number based on disposition as determined by an agency. | Comply | |
| 1040 | Mandatory | An event disposition may be changed after the event is closed by an authorized user. The operator ID and workstation ID of the person adding the disposition to a closed event is recorded. | Comply | |
| Time Stamps and Timers | | | | |
| Time stamps include the following: | | | | |
| 1041 | Mandatory | Current date and time | Comply | |
| 1042 | Mandatory | Operator ID | Comply | |
| 1043 | Mandatory | Workstation ID | Comply | |
| The following time stamps are recorded and associated with an event, at a minimum: | | | | |
| 1044 | Mandatory | Time call received at the tandem (ring time) | Comply | |
| 1045 | Mandatory | Time call received at the PSAP | Comply | |
| 1046 | Mandatory | Time call answered at the PSAP | Comply | |
| 1047 | Mandatory | Start of event entry form | Comply | |
| 1048 | Mandatory | Addition of an event to the pending list | Comply | |
| 1049 | Mandatory | Transfer of the call | Comply | |
| 1050 | Mandatory | First view of event by dispatcher | Comply | |
| 1051 | Mandatory | Digital voice announcement start time | Does Not Comply | |
| 1052 | Mandatory | Unit dispatch time | Comply | |
| 1053 | Mandatory | Unit status changes | Comply | |
| 1054 | Mandatory | Time of patient contact | Comply | |
| 1055 | Mandatory | Advanced Life Support (ALS) on-scene (marks the transfer of patient care officially to an EMS crew) | Comply | |
| 1056 | Mandatory | Water on the fire | Comply | |
| 1057 | Mandatory | Fire under control | Comply | |
| 1058 | Mandatory | Event under control | Comply | |
| 1059 | Mandatory | Time event closed | Comply | |
| 1060 | Mandatory | Each time a change is made to the event | Comply | |
| 1061 | Mandatory | Time that call entered into Phoenix (automated station announcement program) | Comply | |
| 1062 | Mandatory | Event dispatch time | Comply | |
| 1063 | Mandatory | Event status changes | Comply | |
| 1064 | Mandatory | Each time a remark is added to the event | Comply | |
| 1065 | Mandatory | Each time a remark is added to the unit | Comply | |
| 1066 | Mandatory | Each time a timer is activated | Comply | |
| 1067 | Mandatory | Each time a timer is reset | Comply | |
| 1068 | Mandatory | Premises information viewed | Does Not Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
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| The following timers are provided by the system: | | | | |
| 1069 | Mandatory | Elapsed time of an event in the pending list | Comply | |
| 1070 | Mandatory | Dispatcher initial event view to dispatch of first unit | Comply | |
| 1071 | Mandatory | Initial dispatch to first unit to arrive on-scene | Comply | |
| 1072 | Mandatory | Initial dispatch of a wrecker to arrive on-scene | Does Not Comply | |
| 1073 | Mandatory | Elapsed time of units on-scene (personnel accountability report [PAR] check) | Comply | |
| 1074 | Mandatory | Elapsed time a unit is on-scene without communication to dispatch (responder safety) | Comply | |
| 1075 | Mandatory | The system allows the creation of agency-defined time stamps. | Comply | |
| 1076 | Mandatory | The system allows the creation of agency-defined timers using defined time stamps. | Comply | |
| 1077 | Mandatory | A respective agency can determine the length of time that a timer will be active before notifying the operator. | Comply | |
| 1078 | Mandatory | The system provides an audible (optional through system configuration) and visual notification to an operator when an event timer exceeds a predetermined time period in a status. | Comply | |
| 1079 | Mandatory | The visual notification for the event timer is displayed on the event's map icon. | Comply | |
| 1080 | Mandatory | The event status timer's time periods are established and maintained by the agency. | Comply | |
| 1081 | Mandatory | Event status timer can vary by event type code. | Comply | |
| 1082 | Mandatory | Event status timer can vary by event priority. | Comply | |
| The system allows an operator to reset the timer operation for any event- or unit-related timer, with the following conditions: | | | | |
| 1083 | Mandatory | The timer restarts at 0 | Comply | |
| 1084 | Mandatory | Notifications are reset | Comply | |
| 1085 | Mandatory | An operator can select a default time period or specify a time period | Comply | |
| 1086 | Mandatory | Timer resets are recorded in the event history | Comply | |
| The system allows an operator to disregard the timer operation for any event- or unit-related timer, with the following conditions: | | | | |
| 1087 | Mandatory | The timer continues to run | Comply | |
| 1088 | Mandatory | Future notifications can be turned off | Comply | |
| 1089 | Mandatory | Future notifications can be reset (snooze) | Comply | |
| 1090 | Mandatory | The system tracks time in status for each unit separately | Comply | |
| 1091 | Mandatory | The system allows each unit to be dynamically assigned different time-out values | Comply | |
| Units | | | | |
| Unit Type | | | | |
| 1092 | Mandatory | The system supports the association of a unit type to a unit ID | Comply | |
| 1093 | Mandatory | The agency can create and maintain unit types | Comply | |
| Unit Login | | | | |
| 1094 | Mandatory | A unit may be logged on and off as necessary | Comply | |
| 1095 | Mandatory | A unit may be logged on, but out of service | Comply | |
| 1096 | Mandatory | The system allows groups of units to be logged on and off with a single function | Comply | |
| While logging a unit on, an operator may specify: | | | | |
| 1097 | Mandatory | The officer ID(s) to be associated with the unit; this activity will override (but not replace) any previously entered roster entries for that tour of duty | Comply | |
| 1098 | Mandatory | Special equipment (e.g., special weapons, driving under the influence [DUI] kits) | Comply | |
| 1099 | Mandatory | Mobile device ID | Comply | |
| 1100 | Mandatory | District / beat (unit will auto transfer to correct dispatcher) | Comply | |
| 1101 | Mandatory | If a unit is logged on with a designated district / beat, the system automatically assigns the unit to the appropriate dispatcher | Comply | |
| 1102 | Mandatory | If a unit is logged on with a designated district / beat, the system automatically displays the unit on the appropriate dispatcher's workstation | Comply | |
| 1103 | Mandatory | The system allows unit staffing, weapons, and equipment to be updated by an operator while the unit is logged on | Comply | |
| 1104 | Mandatory | The system allows the unit data table information to be updated at any time by authorized personnel | Comply | |
| Unit Recommendation | | | | |
| The number and types of units recommended are determined by: | | | | |
| 1105 | Mandatory | Location | Comply | |
| 1106 | Mandatory | Event type code | Comply | |
| 1107 | Mandatory | Unit capability | Comply | |
| 1108 | Mandatory | Event location / area | Comply | |
| 1109 | Mandatory | Manpower available with unit | Comply | |
| 1110 | Mandatory | Skills assigned to individual crew members | Comply | |
| 1111 | Mandatory | Agency | Comply | |
| 1112 | Mandatory | There is no limit to the number of units that may be selected for recommendation to an event | Comply | |
| 1113 | Mandatory | There is no limit to the number of units that may be dispatched to an incident. All units are tracked individually | Comply | |
| 1114 | Mandatory | If a unit under consideration for a recommendation is not available, the system automatically selects the next most reasonable unit from the predetermined run card as a substitute | Comply | |
| 1115 | Mandatory | If a unit under consideration for a recommendation is not available, the system automatically selects the next closest and reasonable unit from the available units list as a substitute | Comply | |
| 1116 | Mandatory | A substitute unit is selected using algorithms determined by the agency | Comply | |
| 1117 | Mandatory | When considering unit capabilities in developing a recommendations list, the system is capable of referencing an ordered list of unit capabilities and prioritizing the selection of a unit using the ordered list | Comply | |
| 1118 | Mandatory | The system will use the AVL location when developing a recommendations list | Comply | |
| 1119 | Mandatory | The system will use predetermined run cards when developing a recommendations list | Comply | |
| 1120 | Mandatory | The system will present both the AVL recommendation list and the run card recommendation list to the dispatcher | Comply | |

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| 1121 | Mandatory | AVL may be used to develop recommendation lists for all disciplines | Comply | |
| 1122 | Mandatory | If AVL is employed, the system may recommend a substitute for a run card recommended unit if the substituted unit is the closer unit of the needed unit type, accounting for road conditions, obstacles, interstate access, and interstate lane direction | Comply | |
| The system supports the following factors in unit recommendation: | | | | |
| 1123 | Mandatory | AVL location | Comply | |
| 1124 | Mandatory | Agency-defined response zones / beats / boxes | Comply | |
| 1125 | Mandatory | Agency-defined station order responses | Comply | |
| 1126 | Mandatory | Agency-defined responses | Comply | |
| 1127 | Mandatory | Agency-defined location or premises classifications | Comply | |
| 1128 | Mandatory | Agency-defined equipment or apparatus types | Comply | |
| 1129 | Mandatory | Special equipment | Comply | |
| 1130 | Mandatory | Unit type | Comply | |
| 1131 | Mandatory | AVL location and duty type | Comply | |
| 1132 | Mandatory | Minimum staffing | Comply | |
| 1133 | Mandatory | Split crew | Does Not Comply | |
| 1134 | Mandatory | Cross-staffing | Does Not Comply | |
| 1135 | Mandatory | Unit capabilities | Comply | |
| 1136 | Mandatory | Skills assigned to individual crew members | Comply | |
| 1137 | Mandatory | The system provides the capability to designate apparatus in a shared crew / cross-staff configuration with any number of units | Comply | |
| 1138 | Mandatory | The system can implement temporary capability assignments for units | Comply | |
| 1139 | Mandatory | If AVL is employed, the system considers neighboring jurisdictions' box assignments (Fire) for mutual aid responses | Comply | |
| 1140 | Mandatory | The operator can accept the complete list of system-recommended units using a function key, key stroke, or mouse click | Comply | |
| 1141 | Mandatory | The operator can select any units from the recommended units list for dispatch | Comply | |
| 1142 | Mandatory | The system allows for recommendation of units by alarm level | Comply | |
| 1143 | Mandatory | The system supports multiple alternate dispatch recommendation modes to be used as determined by agency (e.g., severe weather, special events) | Comply | |
| 1144 | Mandatory | The system is capable of toggling between standard and alternate response modes | Comply | |
| 1145 | Mandatory | The system recommends units for dispatch using special equipment as a selection parameter | Comply | |
| 1146 | Mandatory | The system can recommend units that are assigned (enroute or on-scene) on lower priority incidents to incidents of a higher priority. The incidents available for pre-emption from a lower priority can be defined by the system administrator | Comply | |
| 1147 | Mandatory | The system allows the recommendation of supervisors to specific event types | Comply | |
| 1148 | Mandatory | An operator can manually enter any valid unit ID or multiple unit IDs for assignment on an event, including IDs not on the recommended units list | Comply | |
| 1149 | Mandatory | An operator can return the event to the pending list without making a unit assignment | Comply | |
| 1150 | Mandatory | The system allows for the addition of units to an event | Comply | |
| 1151 | Mandatory | The system can dispatch additional units to an incident from the command line, an incident dispatch form, or using drag and drop from the available units list functionality | Comply | |
| 1152 | Mandatory | The system allows the dispatcher to request additional units from the system based on capabilities assigned to a unit | Comply | |
| 1153 | Mandatory | As units are added to an event, the system recognizes when the assigned units reach an upgraded alarm level. The system adds a notation to the event, but will not change the existing alarm level | Comply | |
| 1154 | Mandatory | The system has the ability to configure and designate mutual aid responses | Comply | |
| 1155 | Mandatory | The system can formulate location-specific recommendations | Comply | |
| The system can adjust the recommendation list and account for: | | | | |
| 1156 | Mandatory | Time of day | Comply | |
| 1157 | Mandatory | Unit availability | Comply | |
| 1158 | Mandatory | Special skills assigned to responders currently assigned to the unit | Comply | |
| 1159 | Mandatory | Special equipment assigned to the unit | Comply | |
| 1160 | Mandatory | Closest units to the event location | Comply | |
| 1161 | Mandatory | Units already assigned to the event | Comply | |
| 1162 | Mandatory | Alternate recommendation modes (e.g., storm mode) | Comply | |
| 1163 | Mandatory | The system can display extended unit recommendations in addition to the initial recommendation (e.g., next alarm level) | Comply | |
| 1164 | Mandatory | The system logs the recommendations displayed for the user in the incident's history, whether dispatched or substituted | Comply | |
| 1165 | Mandatory | The system provides an alert to the dispatcher when a closer unit becomes available for dispatch in the time from recommendation list creation to dispatch until the unit arrives on-scene. The determination is based on time and distance | Does Not Comply | |
| Unit Activity | | | | |
| 1166 | Mandatory | The system allows units assigned to separate events to exchange assignments without creating a new event | Comply | |
| 1167 | Mandatory | The system updates all log files when units are exchanged | Comply | |
| 1168 | Mandatory | The assignment of a unit to an event can be restricted to the operator responsible for the unit | Comply | |
| 1169 | Mandatory | The system can allow the assignment of a unit by an operator not responsible for the unit, with authorization from the operator responsible for the unit | Does Not Comply | |
| 1170 | Mandatory | When a unit exchange function is executed, the system seeks any required authorization from the responsible operators prior to the exchange | Comply | |
| 1171 | Mandatory | The system allows units to be placed on-duty from a pre-formatted screen | Comply | |
| 1172 | Mandatory | The system allows units to be placed on-duty from a command line | Comply | |
| 1173 | Mandatory | The on-duty entry can include the unit crew assignment | Comply | |
| 1174 | Mandatory | The system supports a temporary unit feature (up to eight-character unit number), allowing units that are not predefined in the system or not on-duty to be placed on-duty and dispatched via a single function | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|---|------------|---|-------------------------------|--|
| 1175 | Mandatory | Once created, the temporary unit has all the characteristics of a defined unit until removed | Comply | |
| 1176 | Mandatory | When the temporary unit logs off, the temporary unit is removed from the system | Comply | |
| 1177 | Mandatory | If an officer ID number being assigned to a unit already has an assignment, the system prompts the operator to either change the officer ID number to the new assignment or maintain the old assignment | Comply | |
| 1178 | Mandatory | When an assignment is closed, the system maintains the officer ID number(s) associated with the assignment for audit purposes | Comply | |
| 1179 | Mandatory | The system allows the name of a ride-along to be entered at unit sign-on. Multiple rider names can be added to a unit | Comply | |
| 1180 | Mandatory | The system can assign vehicles to individual officers and maintains that vehicle assignment through shift changes | Comply | |
| 1181 | Mandatory | The system provides notifications to the operators responsible for the individual units involved in the exchange on completion of the exchange | Comply | |
| 1182 | Mandatory | The system allows an assigned unit and an unassigned unit to be exchanged without creating a new event | Comply | |
| A single unit or multiple units can be assigned to an event: | | | | |
| 1183 | Mandatory | By selection as part of a recommended unit list | Comply | |
| 1184 | Mandatory | As a parameter of a function entered on a command line | Comply | |
| 1185 | Mandatory | By drag and drop from a list of available units | Comply | |
| 1186 | Mandatory | A unit may be unassigned and unavailable for assignment | Comply | |
| 1187 | Mandatory | A unit may be assigned to backup or assist another unit | Comply | |
| 1188 | Mandatory | A unit may be placed out-of-service and not available for assignment | Comply | |
| 1189 | Mandatory | A unit may be "pre-assigned" to an event | Does Not Comply | |
| 1190 | Mandatory | When a unit clears its assignment, it can be automatically dispatched to the next "pre-assigned" incident | comply | |
| 1191 | Mandatory | The responsibility area for a unit may be transferred from one area of responsibility (e.g., precinct, citywide) to another | Comply | |
| 1192 | Mandatory | Units may be assigned to multiple areas of responsibility (e.g., multiple beats, citywide) | Comply | |
| 1193 | Mandatory | The system is capable of establishing a geofence related to an event location. All active units within the geofence will receive an advisory notification by the system that the unit is within the geofence. | Comply | |
| 1194 | Mandatory | The system allows one unit to cover the assigned area of another unit | Comply | |
| 1195 | Mandatory | The system allows remarks to be added to the unit (specifically) by an operator | Comply | |
| The system provides the capability to capture an odometer reading, when: | | | | |
| 1196 | Mandatory | A unit comes on-duty | Comply | |
| 1197 | Mandatory | A unit goes off-duty | Comply | |
| 1198 | Mandatory | Unit status changes | Does Not Comply | |
| 1199 | Mandatory | Upon initiation of unit transport | Comply | |
| 1200 | Mandatory | Upon arrival of unit transport | Comply | |
| Unit Record Data Elements | | | | |
| 1201 | Mandatory | The system supports a central unit table for the creation of unit IDs | Comply | |
| The system unit record contains the following elements: | | | | |
| 1202 | Mandatory | Unit ID (between 3 and 10 characters) | Partial Comply or Alternative | between 2 and 8 characters |
| 1203 | Mandatory | Unit type(s), i.e., a unit may be characterized as more than one type | Comply | |
| 1204 | Mandatory | Capabilities | Comply | |
| 1205 | Mandatory | Number of personnel assigned to the unit | Comply | |
| 1206 | Mandatory | Personnel assigned | Comply | |
| 1207 | Mandatory | Push-to-talk ID | Comply | |
| 1208 | Mandatory | Vehicle ID | Comply | |
| 1209 | Mandatory | Mobile device ID | Comply | |
| 1210 | Mandatory | Radio talkgroup | Partial Comply or Alternative | Assigned by call type and previous calls on that channel |
| 1211 | Mandatory | Special equipment | Comply | |
| 1212 | Mandatory | Area designation | Comply | |
| 1213 | Mandatory | Zone designation | Comply | |
| 1214 | Mandatory | Home assignment | Comply | |
| 1215 | Mandatory | Controlled / Uncontrolled | Does Not Comply | |
| 1216 | Mandatory | Notes | Comply | |
| 1217 | Mandatory | The system supports the ability to assign an unlimited number of capabilities to a unit | Comply | |
| Unit Status | | | | |
| 1218 | Mandatory | Unit status may be updated using a function executed on the command line | Comply | |
| 1219 | Mandatory | Unit status may be updated using a form | Comply | |
| 1220 | Mandatory | Unit status may be updated using a mouse | Comply | |
| 1221 | Mandatory | Unit status may be updated from the integrated map | Comply | |
| 1222 | Mandatory | Unit status may be updated from the mobile device | Comply | |
| 1223 | Mandatory | The system allows comment information to be entered during unit status updates | Comply | |
| 1224 | Mandatory | Unit status comment information is logged in the unit history. | Comply | |
| 1225 | Mandatory | Unit status comment information is logged in the event record, if the unit is assigned to an incident. | Comply | |
| 1226 | Mandatory | Unit status comment information can be added from the mobile client | Comply | |
| Unit status record elements are as follows: | | | | |
| 1227 | Mandatory | Unit ID | Comply | |
| 1228 | Mandatory | Status code | Comply | |
| 1229 | Mandatory | Date / time of status | Comply | |
| 1230 | Mandatory | User ID of person entering the status | Comply | |
| 1231 | Mandatory | X / Y coordinates of vehicle when unit status is recorded | Comply | |
| 1232 | Mandatory | Workstation ID | Comply | |
| The CAD system allows the definition of the following types of unit status parameters: | | | | |
| 1233 | Mandatory | Special status colors | Comply | |
| 1234 | Mandatory | Allowing a unit to be available for dispatch while in a status | comply | |
| 1235 | Mandatory | Allowing a unit to be available for recommendation while in a status | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|---|------------|---|-----------------|----------------|
| 1236 | Mandatory | Time allowed in a status | Comply | |
| 1237 | Mandatory | Status codes | Comply | |
| 1238 | Mandatory | The status of multiple units assigned to an event may be updated with a single command | Comply | |
| 1239 | Mandatory | The system allows a respective agency to create and maintain unit status codes | Comply | |
| 1240 | Mandatory | Unit status is reflected on the unit ID display on the status display | Comply | |
| 1241 | Mandatory | The unit status indicator for the map and the status display can be the same color | Comply | |
| The following unit status codes may be assigned to a unit: | | | | |
| 1242 | Mandatory | Available | Comply | |
| 1243 | Mandatory | Dispatched – not enroute | Comply | |
| 1244 | Mandatory | Enroute | Comply | |
| 1245 | Mandatory | At station – available | Comply | |
| 1246 | Mandatory | At station – not available | Comply | |
| 1247 | Mandatory | Staging – available | Comply | |
| 1248 | Mandatory | Staging – not available | Comply | |
| 1249 | Mandatory | On-scene, in area (area determined by the agency) | Comply | |
| 1250 | Mandatory | On-scene / Arrived | Comply | |
| 1251 | Mandatory | Patient contact | Comply | |
| 1252 | Mandatory | Initial hospital contact | Comply | |
| 1253 | Mandatory | Enroute to hospital | Comply | |
| 1254 | Mandatory | Arrived at hospital | Comply | |
| 1255 | Mandatory | Enroute to move-up | Comply | |
| 1256 | Mandatory | Arrived at move-up | Comply | |
| 1257 | Mandatory | Pre-empting | Comply | |
| 1258 | Mandatory | Exchanged | Comply | |
| 1259 | Mandatory | Transporting | Comply | |
| 1260 | Mandatory | Transport complete | Comply | |
| 1261 | Mandatory | Back in quarters | Comply | |
| 1262 | Mandatory | Out-of-service | Comply | |
| 1263 | Mandatory | Out-of-service – training | Comply | |
| 1264 | Mandatory | Motor vehicle (out-of-service due to vehicle problem) | Comply | |
| 1265 | Mandatory | Equipment (available, picking up equipment) | Comply | |
| 1266 | Mandatory | Signal Q (radio traffic held) | Comply | |
| 1267 | Mandatory | OK (OK for routine radio traffic) | Comply | |
| 1268 | Mandatory | Report | Comply | |
| 1269 | Mandatory | Cleared – available | Comply | |
| 1270 | Mandatory | Cleared – not available | Comply | |
| 1271 | Mandatory | On break – available | Comply | |
| 1272 | Mandatory | On break – not available | Comply | |
| 1273 | Mandatory | Off-duty | Comply | |
| 1274 | Mandatory | The system provides the capability to enter odometer reading when entering transport status code. | Comply | |
| 1275 | Mandatory | The system provides the capability to enter odometer reading when entering transport complete status code. | Comply | |
| 1276 | Mandatory | The system allows unit status codes to be defined by the agency. | Comply | |
| 1277 | Mandatory | The system is capable of establishing an enroute geofence for a location (e.g., fire station). | Comply | |
| 1278 | Mandatory | Unit enroute status can be automatically set when a vehicle moves a predetermined distance (geofence) from the location when dispatched (e.g., the fire vehicle moves 50 feet from the station after being dispatched). | Comply | |
| 1279 | Mandatory | The system is capable of establishing an arrived geofence for a location (e.g., incident location, other locations). | Comply | |
| 1280 | Mandatory | Unit arrived status times may be automatically set when the unit assigned to a call enters a proximity zone (geofence) of the location of the incident. | Comply | |
| 1281 | Mandatory | Unit arrived status times may be automatically set when the unit assigned to a call enters a proximity zone (geofence) of a location (e.g., jail, hospital). | Comply | |
| 1282 | Mandatory | The size of the proximity zone is determined by the agency. | Comply | |
| 1283 | Mandatory | The system differentiates unit status using color. | Comply | |
| 1284 | Mandatory | The colors associated with unit status can be assigned and maintained by the agency. | Comply | |
| 1285 | Mandatory | Unit status is reflected on the display of the unit icon on the map. | Comply | |
| 1286 | Mandatory | Unit status, when displayed on the map, is distinguished by color. | Comply | |
| 1287 | Mandatory | The color representing each unit status on the map can be determined and maintained by the agency. | Comply | |
| 1288 | Mandatory | The system provides the ability of distinguishing unit status visually with other than color (to accommodate color blindness). | Comply | |
| 1289 | Mandatory | The system provides the ability for an operator to add comments / remarks to the unit status record | Comply | |
| 1290 | Mandatory | The system allows off-duty units to be tracked for off-duty employment. | Comply | |
| 1291 | Mandatory | The system allows off-duty units to be recommended for assignment (e.g., the off-duty unit can be assigned to a high priority event at the discretion of the operator). | Comply | |
| 1292 | Mandatory | Unit status records are exportable to an interfaced RMS module. | Comply | |
| 1293 | Mandatory | Unit status records are exportable to a Comma Separated Variable format file. | Comply | |
| Unit Status Timer | | | | |
| 1294 | Mandatory | The system provides an audible (optional using system configuration) and visual notification to an operator when a unit exceeds a predetermined time period in a status. | Comply | |
| The following unit status timers are enabled: | | | | |
| 1295 | Mandatory | Dispatched – the length of time in the dispatched status to marking enroute or arrived / on-scene | Comply | |
| 1296 | Mandatory | Enroute – from dispatch to arrived / on-scene | Comply | |
| 1297 | Mandatory | Arrived – the length of time from on-scene to clear | Comply | |
| 1298 | Mandatory | Unit safety / well-being timer – length of time established by the agency | Comply | |
| 1299 | Mandatory | PAR check | Comply | |
| 1300 | Mandatory | Operator-enabled timers | Comply | |
| 1301 | Mandatory | Visual notification for the unit timer is displayed for the unit's map icon. | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|--|------------|--|-----------------|----------------|
| 1302 | Mandatory | Visual notification for unit timer triggering includes blinking of the unit ID or map icon. | Comply | |
| 1303 | Mandatory | Unit status timer time periods are established and maintained by the agency. | Comply | |
| 1304 | Mandatory | If a mobile device is associated with the unit and a wellness check unit timer trigger is activated for that unit, the system passes the notification to the mobile device of the associated unit. | Comply | |
| 1305 | Mandatory | Unit status timer can vary by event type code. | Comply | |
| 1306 | Mandatory | Unit status timer can vary by unit status code. | Comply | |
| An operator can reset the timer for any unit. | | | | |
| 1307 | Mandatory | The timer restarts at 0. | Comply | |
| 1308 | Mandatory | Notifications are reset. | Comply | |
| 1309 | Mandatory | An operator can disregard the timer for any unit. | Comply | |
| 1310 | Mandatory | The timer continues to run. | Comply | |
| 1311 | Mandatory | Future notifications can be turned off. | Comply | |
| 1312 | Mandatory | Future notifications can be reset (snooze). | Comply | |
| Unit Pre-emption | | | | |
| 1313 | Mandatory | A unit can be pre-empted from an assigned event. The unit is then available for assignment. | Comply | |
| 1314 | Mandatory | A unit can be pre-empted from an assigned event and reassigned to a different event with a single command. | Comply | |
| 1315 | Mandatory | A unit that has been pre-empted from an assigned event and reassigned to a different event may be marked as arrived status without having to be "dispatched" to the reassigned event. | Comply | |
| 1316 | Mandatory | A unit pre-empted from an event may have that event placed in the unit's event stack, as determined by the operator. | Comply | |
| 1317 | Mandatory | If all units assigned to an event are pre-empted, the event is placed back on the pending events list. This event is flagged as one previously dispatched. | Comply | |
| 1318 | Mandatory | Pre-empted units are tracked in the event record / audit trail | Comply | |
| Unit move-up / cover | | | | |
| 1319 | Mandatory | The system supports cover assignments where one unit is recommended for the assignments of another unit. | Comply | |
| 1320 | Mandatory | The system automatically recommends cover assignment under circumstances determined by the agency. | Comply | |
| 1321 | Mandatory | The system allows cover assignments to be manually created with a CAD command. | Comply | |
| 1322 | Mandatory | The system visually notates a unit in a cover assignment status on the unit status monitor lists. | Comply | |
| 1323 | Mandatory | Units put into a covering status are recommended from the station for which they are covering. | Comply | |
| 1324 | Mandatory | The system supports move-up assignments where one unit is moved to the station of another unit to fill gaps in coverage. | Comply | |
| 1325 | Mandatory | The system automatically recommends move-up assignments under circumstances determined by the agency. | Comply | |
| 1326 | Mandatory | The system allows move-up assignments to be manually created with a CAD command. | Comply | |
| 1327 | Mandatory | The system creates a CAD event for a move up / cover. | Comply | |
| 1328 | Mandatory | The system visually notates a unit in a move-up assignment status on the unit status monitor lists. | comply | |
| 1329 | Mandatory | Units put into a move-up status are recommended from the station to which they have been moved. | Comply | |
| 1330 | Mandatory | Units that are moved-up can be automatically returned to their home station upon clearing of the event / call that required the move-up, or manually returned, at the discretion of the operator | Comply | |
| 1331 | Mandatory | The system provides for individual dispatcher discretion to allow override of cover and move-up recommendations. | Comply | |
| 1332 | Mandatory | The system provides a visual alert that units involved in a move-up recommendation have returned to service. | Comply | |
| 1333 | Mandatory | A command is available to return moved-up or cover units to original / primary station | Comply | |
| Primary Units | | | | |
| 1334 | Mandatory | The system can automatically assign a unit as the primary unit for an event based on agency requirements. | Comply | |
| 1335 | Mandatory | An operator can assign a unit to be the primary unit for an event. | Comply | |
| 1336 | Mandatory | An operator can change the primary unit during an event with a single command. | Comply | |
| 1337 | Mandatory | The system records the change of primary unit in the event record. | Comply | |
| 1338 | Mandatory | The system supports a visual indication of the primary unit on the active event display. | Comply | |
| 1339 | Mandatory | The system supports a visual indication of the primary unit on the unit display. | Comply | |
| 1340 | Mandatory | The primary unit is responsible for the report, if a report is required | Comply | |
| 1341 | Mandatory | The primary unit requires a disposition when cleared, if a disposition is required. | Comply | |
| 1342 | Mandatory | The primary unit designated for an event may be changed from a mobile device. | Comply | |
| Cleared Units | | | | |
| 1343 | Mandatory | A single unit can be cleared from an event. | Comply | |
| 1344 | Mandatory | Cleared units are available for assignment. | Comply | |
| 1345 | Mandatory | A unit may be cleared from an event and held as not available for assignment. | Comply | |
| 1346 | Mandatory | A unit may be cleared no matter what status it is currently with a single command. | Comply | |
| 1347 | Mandatory | Multiple units can be cleared from an event with a single command. | Comply | |
| 1348 | Mandatory | All units may be cleared from an event with a single command. | Comply | |
| 1349 | Mandatory | When all units are cleared from an event, the event automatically initiates the event close process. | Comply | |
| 1350 | Mandatory | When units from multiple agencies clear an event, the agency follows their process for assigning disposition. | Comply | |
| 1351 | Mandatory | Each event must include a disposition code on closure. | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|---|------------|---|-------------------------------|--|
| Unit Disposition Code | | | | |
| 1352 | Mandatory | Unit disposition codes are created and maintained by the agency. | Comply | |
| 1353 | Mandatory | A unit disposition code is added to the unit record on clearance of a call by a unit. | Comply | |
| 1354 | Mandatory | A unit disposition code can be required depending on the event type of the event, as determined by the agency. | Comply | |
| 1355 | Mandatory | Each unit assigned to an event may record a disposition code. | Comply | |
| 1356 | Mandatory | The system allows multiple disposition codes per unit. | Comply | |
| 1357 | Mandatory | The system allows multiple report disposition codes per event | Comply | |
| Wrecker Rotation | | | | |
| 1358 | Mandatory | The system provides a method for creating and maintaining a list used for rotating external services (e.g., wrecker company rotation plans). | Comply | |
| 1359 | Mandatory | The wrecker rotation cycle list can utilize wrecker capabilities as a parameter of selection (e.g., hazmat-qualified). | Comply | |
| 1360 | Mandatory | Wrecker capabilities are stored and maintained in the wrecker rotation dataset. | Comply | |
| 1361 | Mandatory | The agency can create and maintain a list of wrecker companies to include on the rotation plan. | Comply | |
| 1362 | Mandatory | The system allows for the development of a separate wrecker company recommendation plan based on wrecker coverage polygons. | Comply | |
| 1363 | Mandatory | Wrecker company rotation plans can be based on location. | Comply | |
| 1364 | Mandatory | The system can automatically recommend a wrecker company from the wrecker company rotation list. | Comply | |
| 1365 | Mandatory | The system can display the wrecker rotation list when requested by an operator | Comply | |
| 1366 | Mandatory | An operator may override the recommended wrecker company selection. | Comply | |
| 1367 | Mandatory | The selection of a wrecker company may be based on the length of time since the unit was last assigned. | Comply | |
| 1368 | Mandatory | The system allows an operator to remove / suspend a wrecker company from the wrecker rotation list for an agency-determined period of time | Comply | |
| 1369 | Mandatory | The system allows an operator to select if a wrecker stays at top of a wrecker rotation or select a wrecker company to go to the bottom of the wrecker rotation list, depending on circumstances. | Comply | |
| 1370 | Mandatory | The system allows a wrecker to remain on the top of the list if the need for the wrecker is cancelled during the event. | Comply | |
| 1371 | Mandatory | The system will assign unit status times to wrecker dispatches. | Comply | |
| 1372 | Mandatory | The system is capable of tracking the time between a wrecker notification and arrival on-scene. | Comply | |
| 1373 | Mandatory | The system creates an audit log entry for wrecker assignments. | Comply | |
| 1374 | Mandatory | An operator can print the wrecker company assignment logs. | Comply | |
| 1375 | Mandatory | An operator can electronically deliver (email) the wrecker company assignment logs. | Comply | |
| 1376 | Mandatory | The system can establish a link to the wrecker company contact telephone number and dials the company if the telephone link is selected by an operator. | Comply | |
| 1377 | Mandatory | The system allows an operator to manually assign/override wrecker company selection. | Comply | |
| Contractor Rotation | | | | |
| 1378 | Important | The system supports a module for rotating contractor or support personnel. | Comply | Wrecker rotation (using a different resource type) can be used for this. |
| 1379 | Important | The system supports the temporary removal of a contractor from a rotation. | Comply | |
| 1380 | Important | The system supports the request for a contractor from a person or vehicle record. | Comply | |
| 1381 | Important | The system supports the ability to cancel a contractor request. | Comply | |
| 1382 | Important | The system supports storage of information about a contractor request within the incident record. | Comply | |
| BOLO Messages | | | | |
| 1383 | Mandatory | The entry of a BOLO can occur via a form or via command line. | Partial Comply or Alternative | via a form |
| 1384 | Mandatory | A BOLO can include information on persons or vehicles. | Comply | |
| Any CAD workstation can perform the following with regards to BOLO messages: | | | | |
| 1385 | Mandatory | Create | Comply | |
| 1386 | Mandatory | Modify | Comply | |
| 1387 | Mandatory | Display | Comply | |
| 1388 | Mandatory | Delete | Comply | |
| 1389 | Mandatory | Print | Comply | |
| 1390 | Mandatory | Save a version of a BOLO for electronic distribution (e.g., email). | Comply | |
| 1391 | Mandatory | The system can restrict the ability to delete a BOLO. | Comply | |
| 1392 | Mandatory | The system provides the ability to send a BOLO to groups of workstations or individual workstations. | Comply | |
| 1393 | Mandatory | A BOLO can be specified as local to the jurisdiction of the event or citywide. | Comply | |
| 1394 | Mandatory | A BOLO can be tied to an event. | Comply | |
| 1395 | Mandatory | The workstation ID and operator ID initiating the BOLO are included with the message. | Comply | |
| 1396 | Mandatory | The active BOLO list can be displayed. | Comply | |
| 1397 | Mandatory | An operator can select an active BOLO from the list to view the details. | Comply | |
| 1398 | Mandatory | The system supports the automatic query of active BOLO data whenever a person or vehicle is entered into the system. | Comply | |
| When searching active BOLO data, the system searches by: | | | | |
| 1399 | Mandatory | Vehicle tag ID | Comply | |
| 1400 | Mandatory | Subject information | Comply | |
| 1401 | Mandatory | Vehicle identifier (e.g., make, model) | Comply | |
| 1402 | Mandatory | A BOLO can have an expiration date and time. | Comply | |
| 1403 | Mandatory | The system can automatically expire BOLOs based on the expiration date. | Comply | |
| 1404 | Mandatory | An operator can manually mark a BOLO expired. | Comply | |
| 1405 | Mandatory | A BOLO can be canceled by an authorized operator. | Comply | |
| 1406 | Mandatory | A BOLO can be terminated by an authorized operator from an authorized workstation. | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|--|------------|--|-----------------|----------------|
| A BOLO message includes: | | | | |
| 1407 | Mandatory | Date and time | Comply | |
| 1408 | Mandatory | Initiating operator ID and workstation ID | Comply | |
| 1409 | Mandatory | BOLO message | Comply | |
| 1410 | Mandatory | Expiration date | Comply | |
| 1411 | Mandatory | Date and time terminated | Comply | |
| 1412 | Mandatory | Terminating operator ID and workstation ID | Comply | |
| 1413 | Mandatory | The BOLO messages can be searched by any field of the message. | Comply | |
| 1414 | Mandatory | A BOLO message can be printed. | Comply | |
| 1415 | Mandatory | A summary list of BOLOs can be printed. | Comply | |
| The BOLO summary list can be limited by: | | | | |
| 1416 | Mandatory | Active | Comply | |
| 1417 | Mandatory | Closed/expired | Comply | |
| 1418 | Mandatory | Date range | comply | |
| 1419 | Mandatory | BOLO data is available for inquiry, retrieval, and reports | Comply | |
| 1420 | Mandatory | If active, the BOLO will be retained on the BOLO list until closed or expired. | Comply | |
| 1421 | Mandatory | The BOLO list is available to mobile devices. | Comply | |
| 1422 | Mandatory | The system supports the distribution of BOLO messages. | Comply | |
| The distribution of BOLO messages includes the following: | | | | |
| 1423 | Mandatory | All users | Comply | |
| 1424 | Mandatory | A selection of users | Comply | |
| 1425 | Mandatory | Mobile devices | Comply | |
| 1426 | Mandatory | Units | Comply | |
| 1427 | Mandatory | A BOLO message can be scheduled for redistribution, if still active (e.g., an active BOLO message can be redistributed every four hours). | Comply | |
| Integrated Mapping | | | | |
| 1428 | Mandatory | An operator can initiate an event, using a mouse click on the map, with the map pointer as the location. | Comply | |
| 1429 | Mandatory | The system supports a single map data structure for use across all components of the system. | Comply | |
| 1430 | Mandatory | The event created from the map can use the map location as the event location. | Comply | |
| 1431 | Mandatory | The event created from the map can use an address point as the event location. | Comply | |
| 1432 | Mandatory | The event created from the map can use a common place as the event location | Comply | |
| 1433 | Mandatory | An event created from a map can default to the closest intersection. | Comply | |
| 1434 | Mandatory | The system supports the assignment of units to events by drag and drop of the units from the available unit list to the event displayed on the map. | Comply | |
| 1435 | Mandatory | The system supports map overlays developed by the user agencies. | Comply | |
| The system supports the following overlays, at a minimum: | | | | |
| 1436 | Mandatory | Digital orthophotography | Comply | |
| 1437 | Mandatory | Pictometry | Comply | |
| 1438 | Mandatory | Parcel | Comply | |
| 1439 | Mandatory | Parks | Comply | |
| 1440 | Mandatory | Building footprints | Comply | |
| 1441 | Mandatory | Agency-developed map layers | Comply | |
| 1442 | Mandatory | Waterways | Comply | |
| 1443 | Mandatory | Agency-developed polygons (e.g., police precincts, agency response areas) | Comply | |
| 1444 | Mandatory | Political boundaries | Comply | |
| 1445 | Important | Insurance boundaries | Comply | |
| 1446 | Mandatory | Neighborhoods | Comply | |
| 1447 | Mandatory | Hydrants | Comply | |
| 1448 | Mandatory | Railroad lines | Comply | |
| 1449 | Mandatory | Communication towers (e.g., cell phone, commercial broadcast) | Comply | |
| 1450 | Mandatory | Live CATV camera locations (e.g., traffic cameras, security cameras). | Comply | |
| The system is capable of displaying map layers that are updated live from external sources, at a minimum: | | | | |
| 1451 | Mandatory | Weather (live updates) | Comply | |
| 1452 | Mandatory | Flooding (live updates) | Comply | |
| 1453 | Mandatory | Out-of-service hydrants (live updates) | Comply | |
| 1454 | Mandatory | The system provides the ability to toggle layers on/off at the operator's discretion. | Comply | |
| 1455 | Mandatory | The integrated CAD map can utilize the map for the entire county. | Comply | |
| 1456 | Mandatory | The system supports multiple maps to be displayed in separate windows simultaneously. | Comply | |
| 1457 | Mandatory | The system allows the operator to toggle between multiple maps. | Comply | |
| 1458 | Mandatory | The integrated map will displays status changes to the map automatically, not requiring a manual refresh of the map. | Comply | |
| 1459 | Mandatory | Authorized agency users can update the service status (in-service/out-of-service) of hydrants on the hydrant layer. | Comply | |
| 1460 | Mandatory | The CAD map system can integrate any maps loaded regardless of map boundaries. | Comply | |
| 1461 | Mandatory | When clicking on a camera location icon on the CATV camera location map layer, the system is capable of displaying the live camera stream of that camera in a pop-up window. | Comply | |
| 1462 | Mandatory | The map system operates with the same keyboard and mouse function as CAD. | Comply | |
| 1463 | Mandatory | The map displays active events. | Comply | |
| 1464 | Mandatory | The map displays pending events. | comply | |
| 1465 | Mandatory | The map symbols representing events and units are configurable by the agency. | Comply | |
| 1466 | Mandatory | The map system displays all units within the map view. | Comply | |
| 1467 | Mandatory | The map system displays the live location of all units within the map view. | Comply | |
| 1468 | Mandatory | The map symbols distinguish between function, events, and units by color and shape. | Comply | |
| 1469 | Mandatory | The map symbols representing units distinguish unit status (e.g., enroute, arrived, available). | Comply | |

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| 1470 | Mandatory | Unit status representations (e.g., color, symbology) on the map match status representations used on the CAD status monitors. | Comply | |
| 1471 | Mandatory | An operator can display detail information about an event or unit by selecting the representative icon displayed on the map. | Comply | |
| 1472 | Mandatory | An operator can display the coordinates of a map location by a mouse click on the desired map position. | Comply | |
| 1473 | Mandatory | An operator can perform event-related functions (e.g., update event information, add remarks) from an event form by selecting the representative event icon displayed on the map. | Comply | |
| 1474 | Mandatory | The system support the ability to visually notate available premises information and link to appropriate documents via a single map click. | Comply | |
| 1475 | Mandatory | The system supports the ability to select unit(s) and have the map automatically size to display the requested units' icons within the map. | Comply | |
| 1476 | Mandatory | With AVL enabled, the map automatically pans to follow a unit selected by an operator. | Comply | |
| 1477 | Mandatory | Map overlays may be toggled on and off by an operator. | Comply | |
| 1478 | Mandatory | The system accepts location information based on Federal Communications Commission (FCC) Wireless Phase I and Phase II standards. | Comply | |
| 1479 | Mandatory | The system displays the location of Wireless Phase I and Phase II callers. | Comply | |
| An operator can perform a map location lookup based on the following: | | | | |
| 1480 | Mandatory | Validated civic address | Comply | |
| 1481 | Mandatory | Validated intersection | Comply | |
| 1482 | Mandatory | Geographic coordinates (e.g., latitude/longitude) | Comply | |
| 1483 | Mandatory | Mouse click on the map | Comply | |
| 1484 | Mandatory | Validated common place name | comply | |
| 1485 | Mandatory | When initiating an event from a mouse click on the map, the system will present the operator choices of the closest valid addresses to the map click location to choose as the address to validate, but the point on the map will remain at the point selected. Please describe the process used to interpolate addresses both along street segments and in open areas. | Not Answered | |
| 1486 | Mandatory | The system links files to map structures (e.g., photos, PDFs, audio). | Comply | |
| 1487 | Mandatory | The system creates links to the Web via points on the map. | Comply | |
| 1488 | Mandatory | The system creates, stores, and executes hyperlinks. | Comply | |
| 1489 | Mandatory | The system toggles feature annotation. | Comply | |
| 1490 | Mandatory | An operator can pan and zoom the map view. | Comply | |
| 1491 | Mandatory | An operator can zoom using the scroll button on the mouse. | Comply | |
| 1492 | Mandatory | The map zoom levels are defined by the agency. | Comply | |
| 1493 | Mandatory | The map zoom levels are able to be defined by the agency by municipality (e.g., Municipality A wants the map zoomed to 1,000 feet when recalling a dispatch, while Municipality B wants the map zoomed to 2,000 feet for the same function). | Comply | |
| 1494 | Mandatory | The map feature annotation (e.g., street names) font size automatically adjusts with map focus to maintain a consistent size. | Comply | |
| 1495 | Mandatory | The map icons' font size automatically adjusts with map focus to maintain a consistent size. | Comply | |
| 1496 | Mandatory | The map supports both English and metric measurements. | Partial Comply or Alternative | English |
| 1497 | Mandatory | Map symbology can be defined and changed by the agency. | Comply | |
| 1498 | Mandatory | During event entry, dispatching, and inquiry, the integrated map centers the map focus on the location and zooms to an extent specified by the agency. | Comply | |
| 1499 | Mandatory | The system can print the map display. | Comply | |
| 1500 | Mandatory | The system can perform a screen capture and save a snapshot of the current map display. | Comply | |
| 1501 | Mandatory | The system is capable of sharing the screen capture file via email. | Comply | |
| 1502 | Mandatory | Updates to the map only require the deltas to be uploaded and integrated with the map rather than the entire map file. | Does Not Comply | |
| 1503 | Mandatory | Authorized agency users can update the mapping system. | Comply | |
| 1504 | Mandatory | Updates to the mapping module do not affect CAD operations. | Comply | |
| GIS Interface | | | | |
| 1505 | Mandatory | The system is compatible with ESRI software. | Comply | |
| 1506 | Mandatory | The system supports ESRI file formats. | Comply | |
| 1507 | Mandatory | The system supports a direct interface to ESRI native file structures for import to CAD. | Comply | |
| 1508 | Mandatory | All GIS-related files can be maintained by the agency. | Comply | |
| 1509 | Mandatory | GIS files can be imported to CAD by the agency using built-in system utilities. | Comply | |
| 1510 | Mandatory | A GIS report writing module is included (e.g., Python for ArcGIS) | Does Not Comply | |
| Road Closures | | | | |
| 1511 | Mandatory | The system accepts and processes road closures. | comply | |
| 1512 | Mandatory | A road closure is visually represented on the map. | Comply | |
| 1513 | Mandatory | Road closure updates are represented on all system workstations and devices in real-time. | Comply | |
| 1514 | Mandatory | An authorized user can enter a road closure using CAD functions. | Comply | |
| 1515 | Mandatory | An authorized user can schedule a road closure (e.g., parade route, special events). | Comply | |
| 1516 | Mandatory | An authorized user can discontinue the road closure using CAD functions. | Comply | |
| 1517 | Mandatory | Entry of road closures is automatically shared by the system with all workstations and mobile devices. | Comply | |
| 1518 | Mandatory | The system is capable of updating workstations and mobile devices with road closure data immediately after entry. | Comply | |
| 1519 | Mandatory | Road closures can be of any duration. | Comply | |
| 1520 | Mandatory | Unit recommendations are adjusted due to active road closures. | Comply | |
| 1521 | Mandatory | During a road closure, an operator can designate if a closure can be treated as "open" for public safety personnel. | Does Not Comply | |
| Unit Routing | | | | |
| 1522 | Mandatory | Unit routing uses the street network. | Comply | |
| 1523 | Mandatory | Unit routing assistance is adjusted due to active road closures. | Comply | |

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| 1524 | Mandatory | Unit routing is adjusted (rerouted) due to real-time changes in global positioning system (GPS) position. | Comply | |
| 1525 | Mandatory | The system utilizes a unit's AVL location as the starting point for unit routing. | Comply | |
| 1526 | Mandatory | The system supports unit routing based on both shortest distance and shortest drive time from a unit's location to the assigned event location. | Comply | |
| 1527 | Mandatory | The system supports unit routing based on fastest drivable route from a unit's location to the assigned event location. | Comply | |
| 1528 | Mandatory | The system supports unit routing with operator-designated start and end point. | Comply | |
| 1529 | Mandatory | Unit routing accounts for road closures. | Comply | |
| 1530 | Mandatory | The system supports the creation and maintenance of traffic detours due to road construction or other events. | Comply | |
| 1531 | Mandatory | Unit routing accounts for detours. | comply | |
| 1532 | Mandatory | Unit routing accounts for road attributes (e.g., speed limits, one-way streets). | Comply | |
| 1533 | Mandatory | The system is capable of incorporating turn restrictions from ESRI Network Analyst. | Comply | |
| 1534 | Mandatory | The system highlights the calculated route on the map. | Comply | |
| 1535 | Mandatory | The mobile system supports annunciated turn-by-turn directions between any two points on the map on mobile devices. | Comply | |
| 1536 | Mandatory | Annunciated turn-by-turn directions may be toggled on and off at an operator's discretion. | Comply | |
| 1537 | Mandatory | The routing module can reset the route based on the current unit location. | Comply | |
| 1538 | Mandatory | When a route is reset, the system annunciates based on the reset route. | Comply | |
| Interfaces | | | | |
| Alarm Company Interface | | | | |
| 1539 | Mandatory | The system has a bi-directional interface to external alarm monitoring companies. | Does Not Comply | |
| 1540 | Mandatory | The system allows alarm testing locations to be flagged by the user to deter repeat calls for service for the duration of alarm testing. | Does Not Comply | |
| 1541 | Mandatory | The external alarm monitoring company interface utilizes the most recently developed Automated Secure Alarm Protocol (ASAP) specification. | Does Not Comply | |
| AVL Interface | | | | |
| 1542 | Mandatory | Data from the AVL module can be used to determine real-time unit location. | Comply | |
| 1543 | Mandatory | Data from the AVL module is integrated with the CAD system. | Comply | |
| 1544 | Mandatory | Data from the AVL module is available to all agencies, jurisdictions, and units on the system. | Comply | |
| 1545 | Mandatory | Data from the AVL module can be shared with third party applications, (e.g., MARVLIS, Third Party Mobile Data Solutions). | Comply | |
| 1546 | Mandatory | The system allows AVL data to be restricted from sharing based on agency, jurisdiction, user role, and unit by an authorized user. | Comply | |
| The system allows the AVL component to be implemented by: | | | | |
| 1547 | Mandatory | Unit | Comply | |
| 1548 | Mandatory | Group | Comply | |
| 1549 | Mandatory | Agency | Comply | |
| 1550 | Mandatory | AVL can be toggled on/off by an authorized user at the agency's discretion. | Comply | |
| 1551 | Mandatory | Unit AVL data is used in unit recommendations by agency/group, implemented by an authorized agency user. | Comply | |
| 1552 | Mandatory | The system will continuously re-poll for a closer resource meeting the resource needs and, if available, re-recommend a more appropriate unit until the arrival of a unit on-scene. | Does Not Comply | |
| 1553 | Mandatory | Unit AVL data is used in vehicle routing. | Comply | |
| 1554 | Mandatory | Unit AVL based positions are displayed on the integrated CAD workstation map. | Comply | |
| 1555 | Mandatory | Unit AVL based positions are displayed on the integrated CAD mobile workstation map. | comply | |
| 1556 | Mandatory | Unit AVL based positions are updated on the map automatically. | comply | |
| 1557 | Mandatory | The frequency of AVL updates can be adjusted by unit, status, speed, and time elapsed. | comply | |
| 1558 | Mandatory | The system can interface with the AVL application independent of the mobile data infrastructure. | comply | |
| 1559 | Mandatory | The AVL module can be toggled on and off without degradation of CAD system responsiveness. | comply | |
| 1560 | Mandatory | The system supports AVL playback function for units on a map based on user, role, security. | comply | |
| 1561 | Mandatory | The system interfaces with the AVL application to produce event and unit playback activity using the existing CAD mapping module. | comply | |
| 1562 | Mandatory | The system interfaces with the AVL application to capture unit data regarding current unit conditions (e.g., status of emergency lights and sirens). | Does Not Comply | |
| The system interfaces with the AVL application to capture unit data to enable the following reports: | | | | |
| 1563 | Important | Vehicle activity | comply | |
| 1564 | Important | Speed | comply | |
| 1565 | Important | Location | comply | |
| 1566 | Important | Supervisors are notified when agency driving protocols are violated (e.g., geofence, speed violation). | comply | |
| CPE Interface | | | | |
| The system supports an interface to the currently installed CPEs: | | | | |
| 1567 | Mandatory | Vesta® 9-1-1 version R7.1; Console UI 14.0.406.6071 | comply | |
| 1568 | Mandatory | The CAD-to-CPE interface accepts NENA i3-compliant data transfer, when available. | comply | |
| 1569 | Mandatory | The data transferred to CAD from the CPE is incorporated into the event record. | comply | |
| 1570 | Mandatory | The CAD system accepts and processes call location data in PIDF-LO format for address verification, when it becomes available. | comply | |
| 1571 | Mandatory | The system accepts emergency call and location data originating with Session Initiation Protocol (SIP) with location conveyance. | comply | |
| 1572 | Mandatory | Basic 9-1-1 call data is transferred appropriately to the CAD call entry form. | comply | |

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| 1573 | Mandatory | Enhanced 9-1-1 call data is transferred appropriately to the CAD call entry form. | comply | |
| 1574 | Mandatory | Wireless Phase I call data is transferred appropriately to the CAD call entry form. | comply | |
| 1575 | Mandatory | Wireless Phase II call data is transferred appropriately to the CAD call entry form. | comply | |
| 1576 | Mandatory | The system accepts X / Y coordinates for address verification (e.g., latitude/longitude) for conversion to the closest civic address, address point, or common place | comply | |
| 1577 | Mandatory | The system is FCC Wireless Phase II-compliant. | comply | |
| 1578 | Mandatory | Location rebid can be initiated from CAD by an operator. | comply | |
| 1579 | Mandatory | The system displays caller location on the CAD mapping system. | comply | |
| 1580 | Mandatory | Location changes occur as a result of a wireless caller rebid do not automatically update the event location. The system prompts the operator to whether or not to update the event location. | comply | |
| Digitized Voice Station Alerting System Interface | | | | |
| 1581 | Mandatory | The CAD system will interface with Phoenix Systems, Inc. Fire Station Alerting System by Fire. | comply | |
| 1582 | Mandatory | The CAD system will interface with Phoenix Systems, Inc. Fire Station Alerting System by EMS. | comply | |
| 1583 | Mandatory | Through the CAD interface to the radio system, Phoenix will annunciate the event data over the air and to the appropriate stations. | comply | |
| ePCR | | | | |
| 1584 | Mandatory | The system supports the capability to complete patient care reports (PCRs) in the field | comply | |
| 1585 | Mandatory | The CAD system can interface with the ePCR system. | comply | |
| 1586 | Mandatory | CAD event data is available for transfer to the ePCR system to populate CAD-related fields in the PCR. | comply | |
| The system supports, at a minimum, the capture/transfer from CAD of the following data elements for each CAD event: | | | | |
| 1587 | Mandatory | Incident number or report number | comply | |
| 1588 | Mandatory | Report number | comply | |
| 1589 | Mandatory | Call location | comply | |
| 1590 | Mandatory | Call type - initial | comply | |
| 1591 | Mandatory | Time dispatched | comply | |
| 1592 | Mandatory | Time first unit arrived | comply | |
| 1593 | Mandatory | Time dispatched | comply | |
| 1594 | Mandatory | Time enroute | comply | |
| 1595 | Mandatory | Time arrived | comply | |
| 1596 | Mandatory | Time departed for transport | comply | |
| 1597 | Mandatory | Destination hospital | comply | |
| 1598 | Mandatory | Time at hospital | comply | |
| 1599 | Mandatory | Time clear from hospital | comply | |
| 1600 | Mandatory | Time available | comply | |
| 1601 | Mandatory | Time cleared | comply | |
| 1602 | Mandatory | CAD event data is available for transfer to the ePCR system while the event is active or closed. | Comply | ICS exports data in several formats. Image Trend. Emergidata, Firehouse, Emergency Reporting, Motorola, etc. |
| External Databases | | | | |
| 1603 | Mandatory | The system supports interfaces to external databases (i.e., databases not directly hosted within the CAD network). | Partial Comply or Alternative | ICS utilizes a wide variety of Web services accessible to 3rd party companies. |
| 1604 | Mandatory | The system supports the capability for client-created interfaces. | Comply | |
| 1605 | Mandatory | The system supports the capability for an interface to CopLogic for pulling reports into CAD, ability to add comments to the associated CAD record | Partial Comply or Alternative | ICS utilizes a wide variety of Web services accessible to 3rd party companies. |
| Law Enforcement Contact Tracking | | | | |
| 1606 | Mandatory | The system can track law enforcement contacts with citizens. | Comply | |
| The following parameters can be captured as part of the tracking entry: | | | | |
| 1607 | Mandatory | Name | Comply | |
| 1608 | Mandatory | Race / Ethnicity | Comply | |
| 1609 | Mandatory | Sex | Comply | |
| 1610 | Mandatory | Age | Comply | |
| 1611 | Mandatory | Probable cause | Comply | |
| 1612 | Mandatory | Arrests | Comply | |
| 1613 | Mandatory | Citation | Comply | |
| 1614 | Mandatory | Searches | Comply | |
| 1615 | Mandatory | Vehicle(s) list | Comply | |
| 1616 | Mandatory | Findings / Comments | Comply | |
| 1617 | Mandatory | Data may be entered by any authorized operator from a workstation or mobile device. | Comply | |
| 1618 | Mandatory | The system will export contact tracking data to RMS automatically. | Comply | |
| Logging Recorder Interface | | | | |
| 1619 | Mandatory | The system will interface with a HigherGround Capture911 logging system Version 8.9.1. | Partial Comply or Alternative | ICS utilizes a wide variety of Web services accessible to 3rd party companies. |
| 1620 | Mandatory | The system can establish an interface with the agency logging system | Partial Comply or Alternative | ICS utilizes a wide variety of Web services accessible to 3rd party companies. |
| 1621 | Mandatory | The system provides a hyperlink from a CAD record to the incident record stored on the logging recorder. | Partial Comply or Alternative | ICS utilizes a wide variety of Web services accessible to 3rd party companies. |
| 1622 | Mandatory | The system stores screen shots of the CAD workstation with the incident record in the logging recorder. | Partial Comply or Alternative | ICS utilizes a wide variety of Web services accessible to 3rd party companies. |
| 1623 | Mandatory | The system provides CAD incident data to the logging recorder, in order to identify the recorded event by the CAD incident number. | Partial Comply or Alternative | ICS utilizes a wide variety of Web services accessible to 3rd party companies. |
| 1624 | Mandatory | The system can attach logging recorder records to the CAD incident record in CAD. | Comply | |
| Master Clock Interface | | | | |
| 1625 | Mandatory | The system can establish a time synchronization interface connection to a PSAP Master Clock. | Comply | |

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| 1626 | Mandatory | The system establishes time synchronization in compliance with NENA 04-002, <i>PSAP Master Clock Standard</i> . | Comply | |
| 1627 | Mandatory | The system can establish the time synchronization interface using an RS-232 serial ASCII communications connection. | Comply | |
| 1628 | Mandatory | The system can establish the time synchronization interface using an inter-range instrumentation group (IRIG) communications connection. | Comply | |
| 1629 | Mandatory | The system can establish the time synchronization interface using an Ethernet 10/100 Base-T network connection. | Comply | |
| 1630 | Mandatory | The system accepts time codes that utilize Network Time Protocol (NTP). | Comply | |
| 1631 | Mandatory | The system accepts time codes that utilize Simple Network Time Protocol (SNTP). | Comply | |
| 1632 | Mandatory | The system can accept broadcast time codes from the PSAP Master Clock via the interface connection. | Comply | |
| 1633 | Mandatory | The system can request time codes from the PSAP Master Clock via an interface connection. | Comply | |
| 1634 | Mandatory | The system automatically adjusts the time settings for all CAD servers using the time codes from the PSAP Master Clock. | Comply | |
| 1635 | Mandatory | The system automatically adjusts the time settings for all CAD workstations using the time codes from the PSAP Master Clock. | Comply | |
| 1636 | Mandatory | The Master Clock interface conforms to the specifications described in <i>NENA 04-002, PSAP Master Clock Standard</i> , latest version. | Comply | |
| Paging Alphanumeric/Text | | | | |
| The system supports alphanumeric/text paging: | | | | |
| 1637 | Mandatory | Based on event status | Comply | |
| 1638 | Mandatory | Based on event type | Comply | |
| 1639 | Mandatory | Based on priority | Comply | |
| 1640 | Mandatory | Based on event location | Comply | |
| 1641 | Mandatory | Based on pre-determined location | Comply | |
| 1642 | Mandatory | Based on stations | Comply | |
| 1643 | Mandatory | Based on agency | Comply | |
| 1644 | Mandatory | Based on paging style | Comply | |
| The data contained in the alphanumeric/text page of an event includes, at a minimum: | | | | |
| 1645 | Mandatory | Incident number | Comply | |
| 1646 | Mandatory | Incident type | Comply | |
| 1647 | Mandatory | Location | Comply | |
| 1648 | Mandatory | Event date and time | Comply | |
| 1649 | Mandatory | Common place name, if any | Comply | |
| 1650 | Mandatory | Community / Municipality | Comply | |
| 1651 | Mandatory | Units dispatched | Comply | |
| 1652 | Mandatory | Narrative | Comply | |
| 1653 | Mandatory | Sender ID | Comply | |
| 1654 | Mandatory | Sending device ID | Comply | |
| 1655 | Mandatory | The format of the alphanumeric/text page is agency-configurable. | Comply | |
| 1656 | Mandatory | The data elements are configurable based on the paging style used. | Comply | |
| 1657 | Mandatory | The alphanumeric/text paging system supports paging to groups. | Comply | |
| 1658 | Mandatory | The system supports sending updates based on event status (e.g., dispatch, unit recall, working fire). | Does Not Comply | |
| 1659 | Mandatory | The system supports sending/not sending alphanumeric pages/texts based on agency. | Comply | |
| 1660 | Mandatory | The system supports alphanumeric/text paging from the command line. | Comply | |
| 1661 | Mandatory | The system supports alphanumeric/text paging by employee ID. | Comply | |
| 1662 | Mandatory | The system supports alphanumeric/text paging by unit ID. | Comply | |
| 1663 | Mandatory | The system supports alphanumeric/text paging using pre-programmed text. | Comply | |
| 1664 | Mandatory | The system supports alphanumeric/text paging using free text. | Comply | |
| 1665 | Mandatory | The system supports alphanumeric/text paging to all units on an event. | Comply | Messaging to all units on an event |
| 1666 | Mandatory | The system supports creating alphanumeric/text page groups based on call type, by agency, duty, and discipline. | Comply | |
| 1667 | Mandatory | The system logs all paging activity with the associated event. | Comply | |
| 1668 | Mandatory | The system supports the delivery of alphanumeric/text paging in the form of an email message. | Comply | |
| 1669 | Mandatory | The system supports the delivery of alphanumeric/text paging in the form of a text message to a cell phone enabled for text messaging. | Comply | |
| 1670 | Mandatory | The system supports the Telelocator Alphanumeric Protocol (TAP). | Comply | |
| 1671 | Mandatory | The system supports SMS. | Comply | |
| 1672 | Mandatory | The system allows for a CAD-initiated page to require an acknowledgement. | Comply | |
| Personnel/Staffing Interface | | | | |
| 1673 | Mandatory | The system can interface with third-party personnel scheduling software (e.g., Kronos) | Partial Comply or Alternative | ICS utilizes a wide variety of Web services accessible to 3rd party companies. |
| 1674 | Mandatory | The system provides a vendor-developed personnel scheduling module. | Does Not Comply | |
| Pictometry | | | | |
| 1675 | Mandatory | The system supports an interface with Pictometry data. | Comply | |
| 1676 | Mandatory | Pictometry data is included as an overlay with the integrated mapping module. | Comply | |
| 1677 | Mandatory | The system supports the integration of CAD event data with Pictometry orthogonal views. | Comply | |
| 1678 | Mandatory | The system supports the integration of CAD event data with Pictometry oblique views. | Comply | |
| 1679 | Mandatory | The system supports the calculation and display of Pictometry measurement capabilities (e.g., height, distance, angles, location). | Partial Comply or Alternative | distance and radius |
| 1680 | Mandatory | The system supports the use of Pictometry annotation tools. | Comply | |
| Emergency Medical Dispatch | | | | |
| 1681 | Mandatory | The CAD system will interface with the Priority Dispatch ProQA Paramount system to enable standardized caller interrogation between the caller and call taker, and provide a set of pre-arrival instructions to assist with emergency call processing. | Comply | |
| 1682 | Mandatory | The system automatically initiates the ProQA dialog upon selection by the call taker of a nature code associated with the discipline. | Comply | |

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| 1683 | Mandatory | The resulting dispatch determinant is automatically incorporated into the nature code of the active event. | Comply | |
| 1684 | Mandatory | The CAD system utilizes the determinant as the nature code for unit recommendation. | Comply | |
| 1685 | Mandatory | The determinant is recorded as part of the event record. | Comply | |
| 1686 | Mandatory | The CAD system interfaces with Priority Dispatch ProQA Paramount for Medical. | Comply | |
| 1687 | Mandatory | The CAD system interfaces with Priority Dispatch ProQA Paramount for Fire. | Comply | |
| 1688 | Mandatory | The system is capable of accepting and managing agency-provided PAIs internally, without the use of third-party products. | Comply | |
| 1689 | Mandatory | The agency can create pre-arrival instructions based on agency SOPs. | Comply | |
| 1690 | Mandatory | Agency-created PAIs can be based on event type code, geography, jurisdiction, premise/hazard information. | Comply | |
| 1691 | Mandatory | The system selects agency-created PAIs when the event type code is entered. | Comply | |
| 1692 | Mandatory | Dialog and response associated with the PAI are stored with the event record and are accessible to mobile devices. | Comply | |
| Quality Assurance/Quality Improvement | | | | |
| 1693 | Mandatory | All event record data is available for export to a QA application (e.g., Priority Dispatch AQUA). | Comply | |
| 1694 | Important | The system provides a vendor-supplied QA module. | Does Not Comply | |
| 1695 | Mandatory | If available, the system's QA/QI module must comply with the most recently approved Quality Assurance Program from the International Academies of Emergency Dispatch (IAED). | Does Not Comply | |
| Radio System Interface | | | | |
| 1696 | NA | The CAD system can interface with the Motorola Centracom Gold Elite and MCC7500 dispatch radio console systems. | Does Not Comply | Discuss with DME radio lead |
| 1697 | NA | The CAD system can interface with an Association of Public-Safety Communications Officials (APCO) Project 25-compliant radio system. | Does Not Comply | |
| 1698 | NA | The CAD system supports the ability to interface with GPS-enabled portable radios that include messaging capabilities. | Comply | In contract with Wylie and Collin County for this capability. |
| 1699 | NA | The CAD system supports radio alias synchronization with the current radio system to avoid duplicate maintenance of radio IDs. | Does Not Comply | |
| 1700 | NA | The CAD system can send alerts and alarms over the radio. | Does Not Comply | |
| 1701 | NA | The CAD system can display and search for radio assignment information. | Comply | |
| 1702 | NA | The CAD system can perform radio assignments based on incident type and agency. | Does Not Comply | |
| 1703 | NA | The interface between the CAD system and the radio system is capable of communicating the data required to annunciate Phoenix event information. | Partial Comply or Alternative | We interface to USDD but not to radio systems |
| 1704 | NA | Through the radio system interface, the system can display unit radio call signs (Push-to-talk) on the CAD monitor screen when the field unit depresses the transmit key. | Does Not Comply | |
| 1705 | NA | On activation of the field radio emergency button function, the radio system interface provides the field unit's radio call sign and last known location to all dispatch group workstations. | Does Not Comply | |
| Fire Records Management Systems (FRMS) | | | | |
| 1706 | Mandatory | The system will fully integrate with the proposed FRMS. | Comply | ICS interfaces to Emergency Reporting FRMS. |
| 1707 | Mandatory | All CAD data fields are available to the FRMS for inclusion in the FRMS record. | Comply | |
| 1708 | Mandatory | The integration includes automatic, seamless transfer of event information between CAD and the FRMS. | Comply | |
| 1709 | Mandatory | An operator has the ability to run inquiries on FRMS data through the CAD - FRMS interface. | Does Not Comply | |
| 1710 | Mandatory | CAD workstations have the ability to run inquiries on FRMS data. | Comply | |
| 1711 | Mandatory | Results of the FRMS inquiry may be displayed on the terminal, printed on a selected network printer, or both. | Not Answered | |
| 1712 | Mandatory | All run data required for initiating and completing incident reports is available to an authorized user at any time. A unit will not have to wait until an event is closed before the data is available to complete the report. | Not Answered | |
| The system supports, at a minimum, the capture/transfer from CAD of the following data elements for each CAD event: | | | | |
| 1713 | Mandatory | Incident number | Comply | |
| 1714 | Mandatory | Report number | Comply | |
| 1715 | Mandatory | Call location | Comply | |
| 1716 | Mandatory | Call type - initial | Comply | |
| 1717 | Mandatory | Call type - final | Comply | |
| 1718 | Mandatory | Alarm levels | Comply | |
| 1719 | Mandatory | Caller location | Comply | |
| 1720 | Mandatory | Fire district | Comply | |
| 1721 | Mandatory | Caller name | Comply | |
| 1722 | Mandatory | Alternate call back number | Comply | |
| 1723 | Mandatory | Call priority | Comply | |
| 1724 | Mandatory | Call back field (date and time) | Comply | |
| 1725 | Mandatory | Remarks | Comply | |
| 1726 | Mandatory | Disposition (unlimited) | Comply | |
| 1727 | Mandatory | Time call received | Comply | |
| 1728 | Mandatory | Time dispatched | Comply | |
| 1729 | Mandatory | Time first unit responded | Comply | |
| 1730 | Mandatory | Time first unit arrived | Comply | |
| 1731 | Mandatory | Time first unit cleared | Comply | |
| 1732 | Mandatory | Time last unit cleared | Comply | |
| The system supports, at a minimum, the capture/transfer from CAD of the following data elements for each unit logged on during a shift: | | | | |
| 1733 | Mandatory | Unit ID | Comply | |
| 1734 | Mandatory | Vehicle ID | Comply | |
| 1735 | Mandatory | Unit in-service times | Comply | |
| 1736 | Mandatory | Unit out-of-service times | Comply | |
| 1737 | Mandatory | Personnel assigned | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
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| The system supports, at a minimum, the capture/transfer from CAD of the following data elements for each event to which a unit was assigned: | | | | |
| 1738 | Mandatory | Time dispatched | Comply | |
| 1739 | Mandatory | Time acknowledged | Comply | |
| 1740 | Mandatory | Time enroute | Comply | |
| 1741 | Mandatory | Time arrived | Comply | |
| 1742 | Mandatory | Agency-defined milestones (e.g., staging, fire under control, fire knocked down, rescue complete, PAR) | Comply | |
| 1743 | Mandatory | Time departed for transport | Comply | |
| 1744 | Mandatory | Time arrived for transport | Comply | |
| 1745 | Mandatory | Destination hospital | Comply | |
| 1746 | Mandatory | Time at hospital | Comply | |
| 1747 | Mandatory | Time clear from hospital | Comply | |
| 1748 | Mandatory | Time available | Comply | |
| 1749 | Mandatory | Time cleared | Comply | |
| Law Enforcement Records Management System (LRMS) | | | | |
| 1750 | Mandatory | The system can integrate with a LRMS. | Comply | |
| 1751 | Mandatory | The system is capable of a data connection allowing inquiries to a Police-2-Police database. | Partial Comply or Alternative | ICS utilizes a wide variety of Web services accessible to 3rd party companies. |
| 1752 | Mandatory | The integration includes automatic, seamless transfer of event information between CAD and the LRMS. | Comply | |
| 1753 | Mandatory | CAD event data is transferred automatically to LRMS when entered in CAD. | Comply | |
| 1754 | Mandatory | The system transfers CAD incident information automatically when units are initially dispatched. | Comply | |
| 1755 | Mandatory | The system transfers CAD incident information automatically when an incident number is assigned. | Comply | |
| 1756 | Mandatory | The RMS Administrator can determine when the CAD incident information is transferred to RMS. | Comply | |
| 1757 | Mandatory | Name information transferred from the CAD system to the LRMS is associated into the master name index of the RMS. | Comply | |
| 1758 | Mandatory | Vehicle information transferred from the CAD system to the LRMS is associated into the master vehicle index of the RMS. | Comply | |
| 1759 | Mandatory | Location information transferred from the CAD system to the LRMS is associated into the master location index of the RMS. | Comply | |
| 1760 | Mandatory | The CAD system provides access to the LRMS database for lookup of vehicle information (e.g., registration, vehicle identification number [VIN], description) entered in the CAD event record. | Comply | |
| 1761 | Mandatory | The CAD system provides access to the LRMS database for lookup of person information (e.g., missing person, warrants, alerts) based on entries in the CAD event record (e.g., name, description, driver's license). | Comply | |
| 1762 | Mandatory | The CAD system provides access to the LRMS database for lookup of locations entered in the CAD event record. | Comply | |
| 1763 | Mandatory | The system enables inquiries to LRMS from mobile devices using all LRMS fields, including comments. | Comply | |
| 1764 | Mandatory | Inquiries initiated from CAD into the LRMS are returned to the initiating workstation or mobile device. | Comply | |
| 1765 | Mandatory | Inquiries from CAD into the LRMS are returned to a separate window on the initiating workstation or mobile device. | Comply | |
| 1766 | Mandatory | The system has the capability to perform mobile accident reporting using the mobile device application. | Comply | |
| 1767 | Mandatory | An operator is notified of an inquiry return with a visual and audible alert. | Comply | |
| 1768 | Mandatory | An operator has the ability to run inquiries on LRMS data through the CAD - LRMS interface. | Comply | |
| 1769 | Mandatory | The results of the LRMS inquiry may be displayed on the terminal, printed on a selected network printer, or both. | Comply | |
| State/NCIC interface | | | | |
| The system supports the following transactions to the State and NCIC data systems: | | | | |
| 1770 | Mandatory | Vehicle registration | Comply | |
| 1771 | Mandatory | Driver's license | Comply | |
| 1772 | Mandatory | VIN | Comply | |
| 1773 | Mandatory | SSN | Comply | |
| 1774 | Mandatory | Wanted persons | Comply | |
| 1775 | Mandatory | Warrants | Comply | |
| 1776 | Mandatory | The system is capable of any TCIC allowed query type to be developed. | Partial Comply or Alternative | Depends on the query. |
| 1777 | Mandatory | The system allows for TCIC returns to be configured and formatted based on agency need. | Partial Comply or Alternative | ICS formats the returns based on user group consensus. |
| 1778 | Mandatory | The system automatically executes the State/NCIC inquiry based on information entered during events, as determined by the law enforcement agency initiating the inquiry (e.g., when a license plate and/or name is entered into the proper fields of an incident, or from the command line, the CAD system is able to perform automatic NCIC queries on the information). | Comply | |
| 1779 | Mandatory | The system meets applicable CJIS requirements, described in the <i>Criminal Justice Information Services Security Policy</i> , version 5.5, dated 06/01/2016 (CJISD-ITS-DOC-08140-5.5) and updated versions approved by U.S. Department of Justice. | Comply | |
| 1780 | Mandatory | The function is capable of utilizing Advanced Authentication security protocols. | Comply | |
| 1781 | Mandatory | The system allows access to the State/NCIC inquiry function based on operator and terminal authentication. | Comply | |
| 1782 | Mandatory | The system provides Single Sign On (SSO), which is capable of coordinating login attributes between CAD login, NCIC login, and login to other external systems that require a separate login. | Comply | |
| 1783 | Mandatory | The state / NCIC interface meets all applicable security protocols for access, storage, retrieval and reporting. | Comply | |
| 1784 | Mandatory | The option of attaching the returns from the State/NCIC inquiry is up to an operator. | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment | |
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| 1785 | Mandatory | The return from a State/NCIC inquiry routes to the initiating workstation/device. | Comply | | |
| 1786 | Mandatory | The return from a State/NCIC inquiry only routes to a workstation/device pre-registered as a law enforcement device. | Comply | | |
| 1787 | Mandatory | The system scans returned State/NCIC inquiries, highlighting certain key words (e.g., wanted person, stolen vehicle). | Comply | | |
| 1788 | Mandatory | The list of words to be highlighted can be entered and maintained by the agency. | Comply | | |
| 1789 | Mandatory | The system provides visual and audible alerts to an operator when a return from a State/NCIC inquiry contains key words. | Comply | | |
| 1790 | Mandatory | An audit log is maintained for each successful and unsuccessful State/NCIC inquiry request. | Comply | | |
| 1791 | Mandatory | The audit log meets State and NCIC (CJIS) requirements. | Comply | | |
| 1792 | Mandatory | The log is permanently stored. | Comply | | |
| 1793 | Mandatory | The log records are searchable and reportable | Comply | | |
| Telecommunications Device for the Deaf (TDD) Interface | | | | | |
| 1794 | Mandatory | The system supports an interface to a TDD device. | Partial Comply or Alternative | ICS utilizes a wide variety of Web services accessible to 3rd party companies. | |
| 1795 | Mandatory | The system attaches the TDD dialog to the event record. | Does Not Comply | | |
| 1796 | Mandatory | The TDD interface window displays the caller and operator's conversation separately as it takes place (real-time) | Does Not Comply | | |
| 1797 | Mandatory | The TDD interface window contains all the user pre-programmable messages grouped into related categories. | Does Not Comply | | |
| Tone and Voice Paging | | | | | |
| 1798 | Mandatory | The system provides an interface with the existing radio system to perform tone alert paging, if the capability exists in the radio system. | Does Not Comply | ICS utilizes a wide variety of Web services accessible to 3rd party companies. | |
| 1799 | Mandatory | With a shared CAD system, the system interfaces with the radio console of each PSAP to perform tone alert paging. | Does Not Comply | | |
| 1800 | Mandatory | The system provides an interface with a dedicated programmable encoder to perform tone alert paging followed by a voice message, if the capability exists in the radio system. | Does Not Comply | | |
| The tone alert interface issues tone alert commands from CAD automatically: | | | | | |
| 1801 | Important | Based on event type | Does Not Comply | | |
| 1802 | Important | Based on units dispatched | Does Not Comply | | |
| 1803 | Important | Based on station due | Does Not Comply | | |
| 1804 | Important | Based on any combination of the above conditions | Does Not Comply | | |
| When the system is interfaced with a toning/paging system, the following features are available: | | | | | |
| 1805 | Mandatory | Automatic and manual dispatch notification (toning) | Comply | We interface to USDD and they typically handle toning. | |
| 1806 | Mandatory | Visual indication of when Public Announcement (PA) systems are activated for broadcasts during toning sequences | Does Not Comply | | |
| 1807 | Mandatory | Automatic resetting of status lights on the control panels of the toning/paging systems | Does Not Comply | | |
| 1808 | Mandatory | The tone alerting interface can require some type of user interaction so the dispatcher can make the determination to send tones. | Does Not Comply | | |
| 1809 | Mandatory | The tone alerting interface allows the tone encoding of a unit from the command line (e.g., encode ENG1). | Does Not Comply | | |
| 1810 | Mandatory | The tone alerting interface recognizes recommended multiple units with identical tones (such as multiple units from a single station) and only sends a single set of tones for those units. | Does Not Comply | | |
| 1811 | Mandatory | The tone alerting interface provides the capability for tone signaling to initiate and monitor the paging progress for call notification of responding personnel. | Does Not Comply | | |
| 1812 | Mandatory | The system provides a method to allow the training module to simulate the function of the tone alerting interface, providing feedback but not actually performing activations. | Does Not Comply | | |
| 1813 | Mandatory | The tone alerting interface can operate in live, test, and training modes simultaneously. | Does Not Comply | | |
| Mobile Data | | | | | |
| The system supports, at a minimum, the following mobile user equipment options: | | | | | |
| 1814 | Mandatory | Laptop computers | Comply | In 4th quarter 2018 | |
| 1815 | Mandatory | Tablet computers | Comply | | |
| 1816 | Mandatory | Smart phones | Partial Comply or Alternative | | |
| 1817 | Mandatory | Portable printers | Comply | | |
| 1818 | Mandatory | The mobile data interface provides incident data from CAD to the mobile device associated to the unit(s) dispatched to an incident. | Comply | | |
| 1819 | Mandatory | The in-vehicle mobile data CAD application can restrict administrative rights to designated authorized users. | Comply | | |
| 1820 | Mandatory | The mobile data application is a single, integrated application for the delivery and viewing of events, mapping, messaging, NCIC inquiries, hazards, and alerts. | Comply | | |
| 1821 | Mandatory | The system supports real-time event, status, and map updates to the mobile device. | Comply | | |
| 1822 | Mandatory | The event data displayed on the mobile device is forms-based. | Comply | | |
| 1823 | Mandatory | The event form can be configured by an authorized user. | Does Not Comply | | |
| The event data displayed includes the following data fields, at a minimum: | | | | | |
| 1824 | Mandatory | Event number | Comply | | |
| 1825 | Mandatory | Event type | Comply | | |
| 1826 | Mandatory | Event type description | Comply | | |
| 1827 | Mandatory | Location | Comply | | |
| 1828 | Mandatory | Common place name, if any | Comply | | |
| 1829 | Mandatory | Units responding | Comply | | |
| 1830 | Mandatory | Associated event numbers | Comply | | |
| 1831 | Mandatory | Comments / narrative | Comply | | |
| 1832 | Mandatory | Links to premises-related data (e.g., hazards, history, alerts, pre-plans) | Comply | | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|--|------------|---|-----------------|------------------------|
| 1833 | Mandatory | Dispatch time | Comply | |
| 1834 | Mandatory | Associated event numbers are hyperlinked to the event data. | Comply | |
| 1835 | Mandatory | An operator can click on the hyperlink and display the associated event information. | Comply | |
| 1836 | Mandatory | Remarks are displayed on a stacked list with the newest on top. | Comply | |
| 1837 | Mandatory | Remarks added to an active event are displayed without requiring a screen refresh. | Comply | |
| 1838 | Mandatory | At the discretion of the operator, remarks may be presented by voice. The audible remarks capability may be toggled on/off at the operator's discretion. | Comply | |
| 1839 | Mandatory | Remarks designated as urgent provide visual and audible alerts. The audible alert may be toggled on/off at an operator's discretion. | Comply | |
| 1840 | Mandatory | The urgent alert is highlighted for ease of viewing. | Comply | |
| 1841 | Mandatory | Premises-related data is scanned for keywords. If a keyword is found, the data is marked as urgent and processed with appropriate alerts. | Comply | |
| 1842 | Mandatory | Remarks are scanned for keywords. If a keyword is found, the comment is treated as urgent and processed with appropriate alerts. | Comply | |
| 1843 | Mandatory | Keywords are established by an authorized user. | Comply | |
| 1844 | Mandatory | An operator with responsibility for a mobile data unit has the ability to log off the mobile data device. | Comply | |
| 1845 | Mandatory | The system provides a method of allowing unit personnel to be specified at mobile device log-in. | Comply | |
| 1846 | Mandatory | The system provides a method of allowing unit capabilities to be specified at mobile device log-in. | Comply | |
| 1847 | Mandatory | The system provides a method of changing the unit capabilities (e.g., unit type, station assignment, manpower updates) from the mobile device without logging off. | Comply | |
| 1848 | Mandatory | The system restricts specific capabilities based on the assignment of the mobile data device (e.g., firefighter, police officer, sergeant, supervisor, chief). | Comply | |
| 1849 | Mandatory | The system can update the CAD unit status via the mobile device. | Comply | |
| 1850 | Mandatory | The system can establish a "tow request" button on a mobile device event form to initiate the wrecker rotation recommendation function. | Does Not Comply | A dispatcher function. |
| 1851 | Mandatory | The system will send a confirmation message to the requesting mobile device when a wrecker has been dispatched using a "tow request" button. | Does Not Comply | |
| 1852 | Mandatory | The system supports printing from the mobile device to any printer available on the network. | Comply | |
| 1853 | Mandatory | The system supports printing from the mobile device to a locally attached printer (e.g., in-vehicle). | Comply | |
| 1854 | Mandatory | Print jobs initiated from a mobile device are logged in the device audit log. | Does Not Comply | |
| 1855 | Mandatory | The mobile device print log is available for use in reports | Does Not Comply | |
| 1856 | Mandatory | The mobile device print log can be printed. | Does Not Comply | |
| 1857 | Mandatory | The system allows an authorized user to send alerts and instant messages to any individual mobile device, group, or combination of groups of mobile devices registered in the system. | Comply | |
| 1858 | Mandatory | The system can send and receive messages between CAD workstations and mobile devices. | Comply | |
| 1859 | Mandatory | The system provides a method of messaging between mobile devices with the characteristics of instant messaging. | Comply | |
| 1860 | Mandatory | The system can message between mobile devices specified by unit ID. | Comply | |
| 1861 | Mandatory | The system can message between users by user ID. | Comply | |
| 1862 | Mandatory | The mobile application has text-to-voice translation. | Comply | |
| 1863 | Mandatory | The mobile application can restrict administrative abilities from field devices. | Comply | |
| 1864 | Mandatory | The mobile application provides for day and night time modes of illumination. | Comply | |
| 1865 | Mandatory | The system can perform bi-directional communications and inquiries between CAD and the mobile device. | Comply | |
| 1866 | Mandatory | The system is capable of utilizing location data (AVL) from the mobile device. | Comply | |
| 1867 | Mandatory | The system supports adjustable frequency of AVL/GPS data refresh based on unit status, defined by the agency (e.g., increased polling in pursuit). | Comply | |
| 1868 | Mandatory | The system supports the use of an emergency button on the mobile device to provide an emergency alert notification to CAD workstations of a situation requiring urgent attention. | Comply | |
| 1869 | Mandatory | The activation of the emergency button on the mobile device causes the CAD system to send an alert message to dispatching group CAD workstations associated with the device, as determined by the agency. | Comply | |
| 1870 | Mandatory | The emergency alert message displays the identity of the mobile device and current known location; current GPS location if available. | Comply | |
| 1871 | Mandatory | The emergency alert message requires acknowledgment of the CAD workstation operator, who will silence the alert. | Comply | |
| 1872 | Mandatory | The emergency alert message includes audible (optional using system configuration) and visual indicators. | Comply | |
| 1873 | Mandatory | The system supports an integrated map on the mobile device. | Comply | |
| 1874 | Mandatory | The system supports mapping functionality on the mobile device identical to that of the CAD workstation. | Comply | |
| The system provides an integrated mapping capability able to perform the following functions: | | | | |
| 1875 | Mandatory | Display the active event with the map focus on the event location | Comply | |
| 1876 | Mandatory | Display AVL of all units assigned to an event, for all disciplines and jurisdictions | Comply | |
| 1877 | Mandatory | Display the location of units not assigned to the event, but within the map focus | Comply | |
| 1878 | Mandatory | Display remarks added to the device's active event without requiring a screen refresh | Comply | |
| 1879 | Mandatory | Display a weather layer overlay | Comply | |
| 1880 | Mandatory | Ability to access iMaps | Comply | |
| 1881 | Mandatory | Route from the present location to the event location with map orienting to current direction | Comply | |
| 1882 | Mandatory | Route with audible turn-by-turn directions | Comply | |

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|---|------------|--|-------------------------------|---|
| 1883 | Mandatory | Agency-configurable icons | Comply | |
| 1884 | Mandatory | Icon sizes that adjust with the map focus | Comply | |
| 1885 | Important | Track units that travel out of the county; statewide travel is possible. Vendors will describe the process. | Comply | The background layer can be the world map. Units can be tracked anywhere in the world. |
| 1886 | Mandatory | The audible component of turn-by-turn directions may be toggled on/off by the user. | Comply | |
| 1887 | Mandatory | The system supports an out-of-vehicle function which enables dispatch control over lights / siren for notification of officers. | Does Not Comply | |
| 1888 | Mandatory | For out-of-vehicle functionality, a button is provided for a mobile user to set out-of-vehicle mode. | Comply | Great ideal We'll deploy that by the end of next week. I am surprised none of our agencies have mentioned this. |
| 1889 | Mandatory | For out-of-vehicle functionality, a notification is sent to dispatch when a unit sets to out-of-vehicle mode. | Comply | Great idea. We'll deploy that next week. |
| 1890 | Mandatory | The mobile data interface complies with State, NCIC, and CJIS security requirements, including Advanced Authentication. | Comply | |
| 1891 | Mandatory | The system supports access to State/NCIC databases, enabling all required security. | Comply | |
| 1892 | Mandatory | Returns from State/NCIC inquiries (text and pictures) will be routed to the initiating device. | Comply | |
| 1893 | Mandatory | Mobile devices performing State/NCIC inquiries, per CJIS policy, will not store data on the device. | Comply | We store the data temporarily (data at rest) on the device but it uses AES 256 encryption. |
| 1894 | Mandatory | Mobile devices performing State/NCIC inquiries, per CJIS policy, require encryption. | Comply | |
| 1895 | Mandatory | The mobile data interface supports communications via wireless commercial carrier. | Comply | |
| 1896 | Mandatory | The mobile interface allows for various broadband connectivity using commercial carrier(s) and associated functional aspects of them in the field (e.g., air card, hotspot, Wi-Fi). | Comply | |
| 1897 | Mandatory | All synchronization and connection to the server is seamless to the user. | Comply | |
| 1898 | Mandatory | The mobile data interface supports roaming communications between mobile devices and CAD. The connection is maintained and does not require a mobile device user to re-login as the unit moves between communication coverage areas. | Comply | This will require NetMotion to auto switch between communication methods (wi-fi to/from cell). |
| 1899 | Mandatory | The system can display agency-/system-wide unit statuses and all current and pending dispatches, as is provided with the current system. | Comply | |
| 1900 | Mandatory | The system can auto-track and display units and status to supervisors. | Comply | |
| 1901 | Mandatory | The system can auto-track and display units and unit status to supervisors by zone and geographic area. | Comply | |
| 1902 | Mandatory | No user intervention is required to synchronize the mobile database to the server once connectivity is re-acquired. | Comply | |
| 1903 | Mandatory | Mobiles can seamlessly roam across available wireless networks. | Comply | This will require NetMotion to auto switch between wireless communication methods. |
| The system supports CAD data inquiry from mobile devices, such as: | | | | |
| 1904 | Mandatory | Query active incidents | Comply | |
| 1905 | Mandatory | Query pending incidents | Comply | |
| 1906 | Mandatory | Query premises alerts | Comply | |
| 1907 | Mandatory | Query closed incidents | Comply | |
| 1908 | Mandatory | Inquiries to State / NCIC and CJIS databases | Comply | |
| 1909 | Mandatory | Inquiries to State Department of Motor Vehicle (DMV) databases | Comply | |
| 1910 | Mandatory | Expansion of inquiries to other external systems | Partial Comply or Alternative | Depends on the external system. |
| 1911 | Mandatory | The system restricts the return of query results to data related to the agency of the requestor. | Comply | |
| 1912 | Mandatory | The mobile data module utilizes AES without degradation of system throughput. | Comply | |
| 1913 | Mandatory | The system utilizes, at a minimum, end-to-end 256-bit encryption. | Comply | |
| 1914 | Mandatory | Device functionality can be restricted by discipline (i.e., access to law enforcement functions must be restricted to devices under the control of a law enforcement agency). | Comply | |
| 1915 | Mandatory | The system allows the sharing of non-restricted information (e.g., events, unit history) between agencies and disciplines. | Comply | |
| 1916 | Mandatory | Logging into a mobile device requires, at a minimum, user name and password verification within the mobile systems server. | Comply | |
| 1917 | Mandatory | Logging into a law enforcement mobile device adheres to CJIS login requirements. | Comply | |
| 1918 | Mandatory | The system uses Advanced Authentication security measures. | Comply | |
| 1919 | Mandatory | Mobile data devices are configured per agency policy. | Comply | |
| 1920 | Mandatory | Security for the mobile data system access and function authorization capabilities are maintained by the agency. | Comply | |
| 1921 | Mandatory | Updates to the mobile client can be wirelessly pushed to the mobile device to avoid physically touching each unit. | Comply | |
| 1922 | Mandatory | Updates to the mobile device software can be wirelessly pushed to mobile devices to avoid physically touching each unit. | Comply | |
| 1923 | Mandatory | Updates to the mobile device mapping component can be wirelessly pushed to mobile devices to avoid physically touching each unit. | Comply | |
| 1924 | Mandatory | The mobile application can access file downloads and software updates from hotspot connections. | Comply | |
| 1925 | Mandatory | The mobile application can access file downloads and software updates from Wi-Fi connections. | Comply | |
| 1926 | Mandatory | The mobile application can access file downloads and software updates from Ethernet connections. | Comply | |
| 1927 | Mandatory | The mobile application can access file downloads and software updates via commercially provided wireless mobile data networks (e.g., Verizon, AT&T, Sprint). | Comply | |
| 1928 | Mandatory | The mobile application can access file downloads and software updates via G4 connections. | Comply | |
| 1929 | Mandatory | The data displayed on the mobile application automatically updates with the receipt of new data. | Comply | |
| 1930 | Mandatory | The mobile client application automatically logs off the device when there has been no user activity for a time interval determined by the agency. | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|---|------------|--|-------------------------------|--|
| 1931 | Mandatory | The mobile interface with CAD logs inbound and outbound communications between mobile devices and CAD. | Comply | |
| Network | | | | |
| 1932 | Mandatory | The network provided through this procurement meets City, CJIS and State security requirements. | Comply | |
| 1933 | NA | The network provided through this procurement utilizes MS AD management tools. | Comply | |
| 1934 | NA | The network provided through this procurement interfaces with local agency MS AD domain. | Comply | |
| 1935 | Mandatory | The network provided through this procurement is firewalled from external access. | Comply | |
| 1936 | NA | The network provided through this procurement is IP-based. | Comply | |
| Web-based Interface | | | | |
| 1937 | Mandatory | The system supports a web-based interface to CAD. | Partial Comply or Alternative | ICS provides a web-enabled CAD connection |
| 1938 | Mandatory | The web-based CAD workstation can be a full function CAD workstation performing call taking and dispatching functions. | Partial Comply or Alternative | ICS provides a web-enabled CAD connection |
| 1939 | Mandatory | The web-based CAD solution supports full functionality on any mobile device (e.g., phone, tablet). | Partial Comply or Alternative | ICS provides a web-enabled CAD connection |
| 1940 | Mandatory | The web-based CAD workstation can perform inquiry and reporting functions | Partial Comply or Alternative | ICS provides a web-enabled CAD connection |
| 1941 | Mandatory | Web-based access to CAD can be restricted to Inquiry only. | Partial Comply or Alternative | ICS provides a web-enabled CAD connection |
| 1942 | Mandatory | Web-based access to CAD can be restricted to View only. | Partial Comply or Alternative | ICS provides a web-enabled CAD connection |
| 1943 | Mandatory | Web-based access can be restricted to data warehouse access only. | Partial Comply or Alternative | ICS provides a web-enabled CAD connection |
| 1944 | Mandatory | Web-based access to CAD can be restricted to only view event and status monitors. | Partial Comply or Alternative | ICS provides a web-enabled CAD connection |
| 1945 | Mandatory | The web-based interface utilizes user-associated security as network-based clients. | Partial Comply or Alternative | ICS provides a web-enabled CAD connection |
| Software Updates and Patches | | | | |
| The Vendor has the capability to provide system updates and patches including: | | | | |
| 1946 | Mandatory | Version updates to application components: major updates and .X updates | Comply | |
| 1947 | Mandatory | Hotfixes for application issues | Comply | |
| 1948 | Mandatory | Operating system service packs for servers and workstations | Comply | |
| 1949 | Mandatory | Critical and important updates to operating systems | Comply | |
| 1950 | Mandatory | Security patches | Comply | |
| 1951 | Mandatory | Database system updates | Comply | |
| 1952 | Mandatory | The vendor will test and validate the compatibility and applicability of patches to ensure the reliability and stability of the software | Comply | |
| 1953 | Mandatory | The system can test all vendor-provided updates and patches prior to implementation on the live system. | Partial Comply or Alternative | Agency would need to purchase and maintain a fully functional (minimal hardware) test environment. The SQL server, one |
| 1954 | Mandatory | The system used for testing is equivalent to the live system. | Comply | |
| 1955 | Mandatory | All patches and updates will be implemented and evaluated on the test system prior to installation on the production system. | Comply | |
| 1956 | Mandatory | Testing updates and patches do not impact the live system. Testing can operate concurrently with the live system without system degradation. | Comply | |
| 1957 | Mandatory | The testing system can be physically separate from the live system. | Comply | |
| 1958 | Mandatory | The testing system can operate independently for each agency without affecting other agencies. | Comply | |
| 1959 | Mandatory | The selection of a workstation working with either the live or test system is performed at the workstation. | Comply | |
| 1960 | Mandatory | The testing system stays current with the versions of all components of the live system. The agency is able to synchronize the live and testing systems. | Comply | |
| 1961 | Mandatory | The testing system can be updated and restarted without impacting the live system. | Comply | |
| 1962 | Mandatory | The testing system can be set up at a location remote from the primary PSAP. | Comply | |
| Training | | | | |
| 1963 | Mandatory | The system used for training is equivalent to the live system. | Comply | |
| 1964 | Mandatory | The training system is be available for use by all agencies on the system. | Comply | |
| 1965 | Mandatory | The vendor will provide system operation training to all agency system operators. | Comply | |
| 1966 | Mandatory | The vendor will provide system administration training to agency-defined system administrators. | Comply | |
| 1967 | Mandatory | The vendor will provide train-the-trainer training to agency-defined personnel designated as system trainers. | Comply | |
| 1968 | Mandatory | Operating the training system does not impact the live system. | Comply | |
| 1969 | Mandatory | The training system can operate concurrently with the live system without system response degradation. | Comply | |
| 1970 | Mandatory | The selection of a workstation working with either the live or training system is performed at the workstation. | Comply | |
| 1971 | Mandatory | The workstation can be switched between the training and live system without impacting the live system. | Comply | |
| 1972 | Mandatory | The training system can train on the full suite of CAD and mobile functions. | Comply | |
| 1973 | Mandatory | The training workstations can be physically separate from the live system. | Comply | |
| 1974 | Mandatory | The training system can be set up at any location that can access the CAD network. | Comply | |
| 1975 | Mandatory | The training system can be operated and maintained from a remote location. | Comply | |
| 1976 | Mandatory | The vendor provides web-based system and component training. | Comply | |
| 1977 | Mandatory | The vendor provides video-based system and component training. | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|---|------------|---|-----------------|---|
| 1978 | Mandatory | The training system stays current with the versions of all components of the live system to stay in sync. The agency is able to synchronize the live and training systems. | Comply | |
| 1979 | Mandatory | The agency can clear all incidents from training databases and reset the incident and case numbering sequences for the training system. | Comply | |
| 1980 | Mandatory | The training system can be updated and restarted without impacting the live system. | Comply | |
| 1981 | Mandatory | The training system can be used as a test system for upgrades and updates to CAD operations, mapping, and tables. | Comply | |
| 1982 | Mandatory | Training documentation will be provided by the vendor. | Comply | |
| 1983 | Mandatory | Training documentation will be provided in hard copy and electronic format. | Comply | |
| 1984 | Mandatory | The training documentation provided by the vendor can be edited/customized by the agency. | Comply | |
| 1985 | Mandatory | The vendor provides a simulation module to simulate receiving live 9-1-1 calls. | Comply | We also have an NCIC simulator. |
| 1986 | Mandatory | The system operates with a third-party simulation application to simulate receiving live 9-1-1 calls. | Comply | |
| 1987 | Mandatory | The training system accepts a live data dump from CAD to facilitate training with historic data. | Comply | |
| Performance Metrics | | | | |
| 1988 | Mandatory | Under all conditions, the CAD system response time shall not exceed 2 seconds, measured from the time a telecommunicator completes a keyboard entry to the time of full display of the system response at any position where a response is required. Display blank event entry form | Comply | With every Microsoft software update system performance degrades, sometimes noticable and most of the time not noticable. ICS can meet this response time goal as long as the agency adheres to ICS's equipment, Microsoft base operating software versions and network infrastructure recommendations. |
| Daily Activity Report | | | | |
| 1989 | Mandatory | The system allows an operator to create a summary report (daily activity report) (e.g., a notable public safety activity in the city). | Comply | This can be accomplished by using Crystal Report or our ad-hoc report writer (IntelliQuery). |
| 1990 | Mandatory | The system will auto-generate a summary report, configurable by agency | Comply | |
| 1991 | Mandatory | The system will generate and notify on a daily basis designated users by email of user-selected incidents by agency. | Comply | |
| 1992 | Mandatory | The system generates a unique number for each daily activity report | Does Not Comply | |
| 1993 | Mandatory | There is no limit on the amount of alphanumeric and special characters used in the narrative section of a daily activity report | Does Not Comply | |
| 1994 | Mandatory | The system retains the form in which the narrative was written, including punctuation and spacing. | Does Not Comply | |
| 1995 | Mandatory | An operator can send the reports to designated workstations, mobile data devices, or printers either individually or as a group | Comply | |
| The reports have a formatted header, which includes the following: | | | | |
| 1996 | Mandatory | Date / Time | Comply | |
| 1997 | Mandatory | Event type | Comply | |
| 1998 | Mandatory | Event number | Comply | |
| 1999 | Mandatory | Response area | Comply | |
| 2000 | Mandatory | Officer handling the report | Does Not Comply | |
| 2001 | Mandatory | Author of the report | Does Not Comply | |
| 2002 | Mandatory | Designator of the unit handling the report | Comply | |
| 2003 | Mandatory | Event location | Comply | |
| 2004 | Mandatory | An operator can search for the report by date / time | Does Not Comply | |
| 2005 | Mandatory | An operator can search for the report by its report number | Does Not Comply | |
| 2006 | Mandatory | An operator can search by location. | Does Not Comply | |
| MIS – CAD system reporting | | | | |
| 2007 | Mandatory | All stored information is available for inquiry and reporting | Comply | |
| 2008 | Mandatory | The system provides formatted inquiry forms that can be tailored to a specific use. | Comply | |
| 2009 | Mandatory | Inquiry forms can utilize short cut codes. For example, P for person, in which only the specific fields are used; or the code VIN will only use the VIN, vehicle year, vehicle make and state fields; and a V code (vehicle) will have license, license year, etc. plus the VIN fields. | Does Not Comply | |
| At a minimum, the system provides the ability to create an inquiry and report using any, some or all of the following information: | | | | |
| 2010 | Mandatory | Alarm type and alarm company code | Comply | |
| 2011 | Mandatory | All associated geofile information | Comply | |
| 2012 | Mandatory | ANI / ALI data including address and phone number | Comply | |
| 2013 | Mandatory | Available mobile to available at station | Comply | |
| 2014 | Mandatory | Available mobile to unavailable | Comply | |
| 2015 | Mandatory | Business or premises name | Comply | |
| 2016 | Mandatory | Call-Taker / Dispatcher ID | Comply | |
| 2017 | Mandatory | Comments/narrative (unlimited) | Comply | |
| 2018 | Mandatory | Common place name (e.g., parks, streets, schools) | Comply | |
| 2019 | Mandatory | Date and time call received by 911 | Comply | |
| 2020 | Mandatory | Date and time incident entered | Comply | |
| 2021 | Mandatory | Date and time of held incidents | Comply | |
| 2022 | Mandatory | Date range | Comply | |
| 2023 | Mandatory | Disposition | Comply | |
| 2024 | Mandatory | Geographical areas defined by the user | Comply | |
| 2025 | Mandatory | Event number | Comply | |
| 2026 | Mandatory | Event type | Comply | |
| 2027 | Mandatory | Event type / priority | Comply | |
| 2028 | Mandatory | Location address, description, supplemental location | Comply | |
| 2029 | Mandatory | On-scene to close of call by officer who arrive at scene | Comply | |
| 2030 | Mandatory | On-scene to transporting | Comply | |
| 2031 | Mandatory | Premises and prior information flag | Comply | |
| 2032 | Mandatory | Premises type (e.g., building, location, person) | Comply | |
| 2033 | Mandatory | Priority | Comply | |
| 2034 | Mandatory | Reporting areas | Comply | |
| 2035 | Mandatory | Reporting party information, including name, address and phone | Comply | |
| 2036 | Mandatory | Reporting zone | Comply | |
| 2037 | Mandatory | Responding to on-scene | Comply | |
| 2038 | Mandatory | Source (e.g., 911 or 10-digit, radio, other codes as defined by PPD) | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|---|------------|---|-----------------|--|
| 2039 | Mandatory | Time range (any time-stamped event to any other time-stamped event) | Comply | |
| 2040 | Mandatory | Unit / officer ID | Comply | |
| 2041 | Mandatory | Operator name and ID of all operators associated with the incident | Comply | |
| 2042 | Mandatory | Workstation ID associated with all CAD functions performed on incident | Comply | |
| At a minimum, the system provides the ability to query and print the following incident details: | | | | |
| 2043 | Mandatory | Incident entry or incident number | Comply | |
| 2044 | Mandatory | Date / time received | Comply | |
| 2045 | Mandatory | Reporting zone | Comply | |
| 2046 | Mandatory | Activity code / incident type | Comply | |
| 2047 | Mandatory | Location or partial location | Comply | |
| 2048 | Mandatory | All incidents in a geographical region defined by the user | Comply | |
| 2049 | Mandatory | All incidents within a radius for a specified location | Comply | |
| 2050 | Mandatory | Priority | Comply | |
| 2051 | Mandatory | Reporting party / complainant / caller name | Comply | |
| 2052 | Mandatory | Phone number | Comply | |
| 2053 | Mandatory | Narrative | Comply | |
| 2054 | Mandatory | Vehicle description | Comply | |
| 2055 | Mandatory | License plate | Comply | |
| 2056 | Mandatory | Cancelled call | Comply | |
| 2057 | Mandatory | Disposition | Comply | |
| 2058 | Mandatory | Officers / units assigned | Comply | |
| 2059 | Mandatory | Time dispatched | Comply | |
| 2060 | Mandatory | Enroute time | Comply | |
| 2061 | Mandatory | On-scene time | Comply | |
| 2062 | Mandatory | Available time | Comply | |
| 2063 | Mandatory | Officer reporting | Comply | |
| 2064 | Mandatory | All call taker / dispatchers handling the incident | Comply | |
| 2065 | Mandatory | Any time-stamped event | Comply | |
| 2066 | Mandatory | Changes made to data fields (as determined by an Agency) | Comply | |
| 2067 | Mandatory | The results of the inquiry or report is able to be printed at any available network printer | Comply | |
| 2068 | Mandatory | The results of the inquiry or report is able to be printed at any locally attached printer | Comply | |
| 2069 | Mandatory | The system allows print preview prior to printing | Comply | |
| 2070 | Mandatory | Access to stored information is restricted based on log on role and agency | Comply | |
| 2071 | Mandatory | The reports writing package is capable of creating reports across all modules | Comply | |
| Search criteria will include: | | | | |
| 2072 | Mandatory | Exact match | Comply | |
| 2073 | Mandatory | Partial match (wild cards) | Comply | |
| 2074 | Mandatory | A range of values | Comply | |
| 2075 | Mandatory | Delimiters for each field type | Comply | |
| 2076 | Mandatory | Any combination of criteria | Comply | |
| Information can be displayed by: | | | | |
| 2077 | Mandatory | Workstation ID | Comply | |
| 2078 | Mandatory | Operator ID | Comply | |
| 2079 | Mandatory | Shift | Comply | |
| 2080 | Mandatory | Hour of the day | Comply | |
| 2081 | Mandatory | Day of the week | Comply | |
| 2082 | Mandatory | Monthly | Comply | |
| 2083 | Mandatory | Quarter | Comply | |
| 2084 | Mandatory | Annual | Comply | |
| 2085 | Mandatory | Operator specified date range | Comply | |
| 2086 | Mandatory | Event type | Comply | |
| 2087 | Mandatory | Priority | Comply | |
| 2088 | Mandatory | Unit ID | Comply | |
| 2089 | Mandatory | Location | Comply | |
| 2090 | Mandatory | Common place name | Comply | |
| 2091 | Mandatory | Execution of reports and inquiries have no impact on the performance of CAD operations | Comply | Note: If a query or report does impact CAD then either the report will need to be rewritten or the agency will need to employ a database replication server. ICS has settings that support a separate report server. |
| 2092 | Mandatory | All data tables are available for inquiry and reports (e.g., registered operators, units) | Comply | |
| The system is able to print audit report of changes to event records, which include the following: | | | | |
| 2093 | Mandatory | Date / time of change | Comply | |
| 2094 | Mandatory | Workstation / terminal ID | Comply | |
| 2095 | Mandatory | Call taker / Dispatcher ID | Comply | |
| 2096 | Mandatory | Transaction type (deletion, edit, etc.) | Comply | |
| 2097 | Mandatory | Field modified (saving previous information) | Comply | |
| 2098 | Mandatory | Event location | Comply | |
| 2099 | Mandatory | Actual dispatch location | Comply | |
| 2100 | Mandatory | All audit logs are available for inquiry and reports | Comply | |
| 2101 | Mandatory | The system allows operator defined inquiries, i.e., ad hoc inquiries. | Comply | |
| 2102 | Mandatory | The system can save, store and reuse agency developed inquiries and report formats | Comply | |
| 2103 | Mandatory | Standard reports are provided by the vendor | Comply | |
| The system is able to generate the following standard reports: | | | | |
| 2104 | Mandatory | Activity analysis by day of week | Comply | |
| 2105 | Mandatory | Activity analysis by geographic area or any agency-defined layer | Comply | |
| 2106 | Mandatory | Activity analysis by hour of day | Comply | |
| 2107 | Mandatory | Activity analysis by shift | Comply | |
| 2108 | Mandatory | Incidents – active by geographic area by hour of day | Comply | |
| 2109 | Mandatory | Incidents – closed by geographic area by hour of day | Comply | |
| 2110 | Mandatory | Response time by method of receipt | Comply | |
| 2111 | Mandatory | Response times by geographic area | Comply | |
| 2112 | Mandatory | Response times by type of call / priority | Comply | |
| 2113 | Mandatory | Total and average time on call – by day of week | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|--|------------|--|-----------------|--|
| 2114 | Mandatory | Total and average time on call - by geographic area | Comply | |
| 2115 | Mandatory | Total and average time on call - by hour of day | Comply | |
| 2116 | Mandatory | Total calls for service by date by nature or disposition | Comply | |
| 2117 | Mandatory | Total incidents by date by nature or disposition | Comply | |
| 2118 | Mandatory | Total reports by date by disposition | Comply | |
| 2119 | Mandatory | Agency - defined query | Comply | Using the data dictionary IntelliQuery product |
| 2120 | Mandatory | Standard incident detail report by a single command, that includes all data associated with a specific incident | Comply | |
| 2121 | Mandatory | Chronological incident and / or incident report listing | Comply | |
| Daily listing of incidents and officers assigned including: | | | | |
| 2122 | Mandatory | Incident number | Comply | |
| 2123 | Mandatory | Unit ID | Comply | |
| 2124 | Mandatory | Officer name (if available) | Comply | |
| 2125 | Mandatory | Officer ID | Comply | |
| 2126 | Mandatory | Disposition | Comply | |
| 2127 | Mandatory | Location | Comply | |
| 2128 | Mandatory | Date / time received | Comply | |
| 2129 | Mandatory | The system provides the ability for an agency to define, store and maintain report templates as needed to standardize report formats | Comply | |
| 2130 | Mandatory | The system provides the ability for an agency to edit the report templates that are provided by the vendor and included with the system | Comply | |
| 2131 | Mandatory | The system displays a list or menu of all stored or vendor provided reports | Comply | |
| 2132 | Mandatory | The system uses COTS report generation applications for inquiry and reporting (e.g., crystal reports) | Comply | |
| 2133 | Mandatory | Vendor and agency created reports can be scheduled for execution and distribution (e.g., daily log reports scheduled for electronic distribution) | Comply | |
| 2134 | Mandatory | Inquiry results can be viewed, printed and/or exported in an operator defined format | Comply | |
| 2135 | Mandatory | The system includes the capability of redacting sensitive or confidential information prior to release to the public or for use outside of an agency | Comply | |
| 2136 | Mandatory | Inquiry results can be attached to an event record | Comply | |
| 2137 | Mandatory | Results of inquiries and reports can be converted to Adobe Acrobat .PDF files | Comply | |
| 2138 | Mandatory | The resulting data can be converted to CSV format exportable files | Comply | |
| 2139 | Mandatory | Results can be exported to other software applications (e.g., MS Excel, Word) | Comply | |
| 2140 | Mandatory | Results can be formatted and exported to intranet and internet web sites for publication | Comply | |
| 2141 | Mandatory | The system will scan returned inquiry, highlighting certain key words (e.g., "wanted person," "stolen vehicle") | Comply | |
| 2142 | Mandatory | The list of words to be highlighted in the returned inquiry can be entered and maintained by an agency | Comply | |
| 2143 | Mandatory | The system is able to perform statistical analysis of CFS | Comply | |
| 2144 | Mandatory | Report and inquiry results can be printed to any CAD system defined printer | Comply | |
| 2145 | Mandatory | Report and inquiry results can be distributed via electronic means: email or fax | Comply | |
| 2146 | Mandatory | Report and inquiry results can be saved | Comply | |
| Media Report | | | | |
| 2147 | Mandatory | The system allows an operator to create a summary report (media report) listing of all events entered for a time period determined by the operator | Comply | |
| 2148 | Mandatory | The system will automatically generate the media report for all events entered in the system for a time period specified by the system administrator | Comply | |
| 2149 | Mandatory | The operator can select the events listed on the summary report by nature code | Comply | |
| The reports includes the following, at a minimum: | | | | |
| 2150 | Mandatory | Date / time | Comply | |
| 2151 | Mandatory | Event type | Comply | |
| 2152 | Mandatory | Event number | Comply | |
| 2153 | Mandatory | Event location | Comply | |
| 2154 | Mandatory | Response area | Comply | |
| 2155 | Mandatory | Event nature | Comply | |
| 2156 | Mandatory | Event status times | Comply | |
| 2157 | Mandatory | Units | Comply | |
| 2158 | Mandatory | Units status times | Comply | |
| 2159 | Mandatory | Narrative associated with the event | Comply | |
| 2160 | Mandatory | The items included on the report are customizable by an agency | Comply | |
| 2161 | Mandatory | The system can automatically redact information in the narrative of the events on the report as determined by an agency (e.g., telephone numbers, social security numbers, names) | Does Not Comply | |
| 2162 | Mandatory | An authorized user may redact information in the narrative of the event in the report (e.g., names, juvenile information, HIPAA related information, criminal history information) | Does Not Comply | |
| 2163 | Mandatory | There is no limit on the amount of alphanumeric and special characters used in the narrative section of the activity report | Does Not Comply | |
| 2164 | Mandatory | The system will store the media report for a period of time defined by an agency | Comply | Would need to be saved as a pdf in a network folder. |
| 2165 | Mandatory | The operator is able to send the media report to designated workstations, mobile data devices or printers either individually or as a group | Comply | |
| 2166 | Important | The operator is able to electronically share the media report via email | Comply | |
| 2167 | Mandatory | The system is able to export the data related to the report for publication on a web page | Comply | |
| Web page | | | | |
| 2168 | Important | The system will automatically generate data for export for display on a web page. | Comply | |
| 2169 | Important | The system can determine events to include for posting on the web page by nature code. | Comply | |
| The reports includes the following, at a minimum: | | | | |
| 2170 | Important | Date / time | Comply | |
| 2171 | Important | Event type | Comply | |

| Spec ID | Importance | Description of Capability | Bidder Response | Bidder Comment |
|------------------|------------|---|-----------------|----------------|
| 2172 | Important | Event number | Comply | |
| 2173 | Important | Event location | Comply | |
| 2174 | Important | Event nature | Comply | |
| 2175 | Important | Event status times | Comply | |
| 2176 | Important | Units | Comply | |
| 2177 | Important | Units status times | Comply | |
| 2178 | Important | Narrative associated with the event | Comply | |
| 2179 | Mandatory | The items included on the report are customizable by an agency | Comply | |
| 2180 | Mandatory | The system can automatically redact information in the narrative of the events on the export data as determined by an agency (e.g., telephone numbers, social security numbers, names). | Does Not Comply | |
| 2181 | Mandatory | An authorized user may redact information in the narrative of the event for the export (e.g., names, juvenile information, HIPAA related information, criminal history information). | Does Not Comply | |
| Racial Profiling | | | | |

Mobile Data Specifications

The following twelve (12) pages contain the ICS response for City of Denton Mobile Data Specifications.

Denton RFP #6400 Exhibit 3-3 Mobile Data Specifications

| Spec ID | Importance | Description of Capability Mobile Data General Requirements | Bidder Response | Bidder Comment |
|--|---------------------|--|-----------------|--|
| Mobile Data General Requirements | | | | |
| System Requirements | | | | |
| MGen-1 | Advantageous | The System tab of the CAD Main Functional Specifications applies to all applications and modules including Mobile Data. | Comply | |
| MGen-2 | Advantageous | The Common tabs in the CAD Main Functional Specifications applies to all applications and modules including Mobile Data. | Comply | |
| MGen-3 | Advantageous | The network management system permits monitoring of the mobile data network through the use of automatic alarms and diagnostics that provide an interface to maintenance technicians through vendor provided central monitoring equipment. | Does Not Comply | There are various network monitoring applications available. ICS does not develop or support such software.. |
| MGen-4 | Highly Advantageous | The Mobile Data network provides programmable management tools to selectively allow or restrict access by authorized persons including dual authentication in compliance with CJIS requirements for portable devices. | Comply | |
| MGen-5 | Advantageous | The Mobile Data network provides a method for monitoring the use of the network through standardized reports. | Comply | |
| System Security | | | | |
| MGen-6 | Advantageous | The Mobile Data module is capable of utilizing Advanced Encryption Standard (AES) without degradation of system throughput. | Comply | |
| MGen-7 | Advantageous | The system shall utilize, at a minimum, end-to-end 256 bit encryption. | Comply | |
| MGen-8 | Advantageous | Device functionality is restricted by discipline, i.e., access to Police functions is restricted to devices under the control of the Police Department. | Comply | |
| MGen-9 | Highly Advantageous | The system is capable of using Advanced Authentication security measures. | Comply | |
| MGen-10 | Highly Advantageous | Mobile device operation complies with the most current State of Texas and Department of Justice CJIS requirements, when required. | Comply | |
| MGen-11 | Advantageous | The mobile client application automatically logs out a user when there has been no user activity as defined by the client. | Comply | |
| MGen-12 | Advantageous | The option to automatically log out a user when there is no user activity can be configured to be disabled. | Comply | |
| MGen-13 | | The mobile system provides a feature that allows a user to lock mobile device access (e.g. officer out of the car). | Comply | |
| MGen-14 | Advantageous | The mobile interface with CAD will log inbound requests to the interface and outbound commands from the interface. | Comply | |
| Basic Capabilities | | | | |
| The system supports, at a minimum, the following functionality to any authorized device: | | | | |
| MGen-15 | Advantageous | Receive silent (non-voice) dispatch from CAD | Comply | |
| Silent Dispatch Information should include, but is not limited to: | | | | |
| MGen-16 | Highly Advantageous | CAD event number | Comply | |
| MGen-17 | Highly Advantageous | Agency incident number | Comply | |
| MGen-18 | Advantageous | Call Taker User ID | Comply | |
| MGen-19 | Advantageous | User ID of each individual dispatching units, adding information or making other changes to the event, and associated time stamp information | Comply | |
| MGen-20 | Highly Advantageous | Event location | Comply | |
| MGen-21 | Highly Advantageous | Alphanumeric apartment or suite number | Comply | |
| MGen-22 | Highly Advantageous | Alphanumeric apartment or suite number, minimum 10 characters | Does Not Comply | 8 characters |
| MGen-23 | Highly Advantageous | Location description | Comply | |
| MGen-24 | Advantageous | Caller location | Comply | |
| MGen-25 | Highly Advantageous | Caller name | Comply | |
| MGen-26 | Highly Advantageous | Caller primary phone number | Comply | |
| MGen-27 | Advantageous | Caller alternate phone | Comply | |
| MGen-28 | Advantageous | Source of the call (e.g. E9-1-1, 10-digit, radio, etc.) | Comply | |
| MGen-29 | Advantageous | Alternate call back number | Comply | |
| MGen-30 | Advantageous | Map Grid Number | Comply | |
| MGen-31 | Advantageous | Cross Streets | Comply | |
| MGen-32 | Advantageous | Cross Street block range | Comply | |
| MGen-33 | Advantageous | Hydrants Information | Comply | |
| MGen-34 | Advantageous | Other assigned units | Comply | |
| MGen-35 | Highly Advantageous | Premise Alerts | Comply | |
| MGen-36 | Highly Advantageous | Premise History | Comply | |
| MGen-37 | Highly Advantageous | Notes or narrative | Comply | |
| MGen-38 | Advantageous | Print to any printer available on the network | Comply | |
| MGen-39 | Highly Advantageous | View pending calls | Comply | |
| MGen-40 | Highly Advantageous | Unit history query | Comply | |
| MGen-41 | Advantageous | Unit status query by zone | Comply | |

| Spec ID | Importance | Description of Capability Mobile Data General Requirements | Bidder Response | Bidder Comment |
|---|---------------------|---|-------------------------------|--|
| MGen-42 | Advantageous | Unit status query by district | Comply | |
| MGen-43 | Highly Advantageous | Unit status query by agency | Comply | |
| MGen-44 | Advantageous | Unit status query by discipline | Comply | |
| MGen-45 | Highly Advantageous | Ability to view events based on units assigned | Comply | |
| MGen-46 | Highly Advantageous | Ability to view events based on location | Comply | |
| MGen-47 | Highly Advantageous | Event history query | Comply | |
| MGen-48 | Highly Advantageous | Unit to Unit messaging | Comply | |
| MGen-49 | Highly Advantageous | Unit to CAD workstation messaging | Comply | |
| MGen-50 | Highly Advantageous | The mobile data devices utilizes the same map as the CAD system | Comply | |
| MGen-51 | Advantageous | Mapping capability using the same general mechanism and user interface as CAD with slight differences to support the mobile environment as necessary | Comply | |
| MGen-52 | Highly Advantageous | Automatic Vehicle Location (AVL) using GPS | Comply | |
| MGen-53 | Highly Advantageous | Image file download | Comply | |
| MGen-54 | Highly Advantageous | Unit self-dispatch (based on permissions) | Comply | |
| MGen-55 | Advantageous | Mapping system will allow limitless spatial extent based on available data (e.g. map data outside the PSAP) | Comply | |
| MGen-56 | Advantageous | The system allows units in the field to initiate incidents which are routed to the dispatcher responsible for the unit | Comply | |
| MGen-57 | Highly Advantageous | The system allows determination of the hierarchy of which forms can automatically appear on top of other forms. For example, an "Officer down" alert form can be forced on-top of all other forms, where as, a non-urgent message from the dispatcher to the mobile user would receive a notification alert, but not a pop-up message | Comply | |
| MGen-58 | Highly Advantageous | The system allows units to perform all appropriate status changes for themselves using function keys, hot keys, or other single function options | Comply | |
| MGen-59 | Highly Advantageous | The system provides a method of restricting the return of query results to data related to the agency of the requestor | Comply | |
| MGen-60 | Advantageous | The system provides a method of printing query results, files, notes, reports, etc. from an MDC (mobile data computer) or other device, to a designated network printer | Comply | |
| MGen-61 | Advantageous | The system supports printing of user created forms from the MDC to a designated network printer. | Comply | |
| MGen-62 | Highly Advantageous | The system provides a method of allowing unit capabilities to be specified at MDC log on. | Comply | |
| MGen-63 | Highly Advantageous | The CAD operator with responsibility of a mobile data unit has the ability to log off the mobile data device. | Comply | |
| MGen-64 | Highly Advantageous | The system provides a method of allowing authorized users within any agency to establish and maintain the MDC groups under control of that agency. | Comply | |
| MGen-65 | Highly Advantageous | The system provides a method of allowing an authorized user to send alerts and IM to any individual MDC, group or combination of groups of MDCs under the control of that User. | Comply | |
| MGen-66 | Advantageous | The system displays CAD events using different colors for different priorities. | Comply | |
| MGen-67 | Advantageous | The system uses color to help users visually process information. | Comply | |
| MGen-68 | Highly Advantageous | The system uses audible message(s) to help users process information. | Comply | |
| MGen-69 | Highly Advantageous | The system uses audible tones to help users process information. | Comply | |
| MGen-70 | Highly Advantageous | The system allows visual or audible alarms contingent upon specific event. | Comply | |
| MGen-71 | Highly Advantageous | Audible tones can be user defined. | Comply | |
| MGen-72 | Highly Advantageous | Unique audible tones can be applied to different types of messages. | Comply | |
| MGen-73 | Highly Advantageous | Map the incident location. | Comply | |
| The system provides audible notification of receipt of, but not limited to, the following: | | | | |
| MGen-74 | Highly Advantageous | Dispatched event | Comply | |
| MGen-75 | Highly Advantageous | Message from dispatch | Comply | |
| MGen-76 | Highly Advantageous | NCIC/TCIC positive return or "hit" (e.g. wanted, stolen, etc.) | Comply | |
| MGen-77 | Highly Advantageous | Event type as determined by the agency | Comply | Text to speech will read all or part of the call information |
| MGen-78 | Advantageous | The system refreshes screen with current dispatch information and narrative in real time and at a configurable rate. | Partial Comply or Alternative | Call information is refreshed at the highest priority. |
| MGen-79 | Highly Advantageous | New information added to the narrative of an event will appear at the top of the screen to provide the most current information. The narrative format will be configured by each user agency. | Comply | |
| MGen-80 | Advantageous | The system refreshes screen with current dispatch information with a manual refresh command or hot key that may be configured by the user agency. | Comply | |

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|---|---------------------|--|-----------------|---|
| MGen-81 | Advantageous | The automatic screen refresh does not affect populated input fields or cursor location. | Comply | |
| MGen-82 | Advantageous | The system supports forms incorporating dynamic data entry user interfaces. For example, if data entered in a field of a form has a certain value, other fields of that form can be made mandatory entry fields. | Comply | |
| MGen-83 | Advantageous | The system allows the user to select any result from a query and drill down for detailed information. | Comply | |
| MGen-84 | Highly Advantageous | The system can use a standard screen format for all inquiries. | Comply | |
| MGen-85 | Highly Advantageous | The agency forms are accessible by means of touch screen capability. | Comply | |
| MGen-86 | Advantageous | The system allows agency defined query default by selection of a specific databases/file. | Comply | |
| MGen-87 | Advantageous | The system allows users to select databases to query. | Comply | |
| MGen-88 | Advantageous | An authorized user is able to construct pre-defined query forms, e.g., premise information query, pre-plan query, name query. | Comply | By using the IntelliQuery product |
| MGen-89 | Advantageous | The system has the ability to access and select an incident disposition when clearing a call. | Comply | |
| MGen-90 | Highly Advantageous | The system can utilize a mobile data computer with touch screen technology. | Comply | |
| MGen-91 | Highly Advantageous | The system allows access to the Internet from the mobile device. | Comply | |
| MGen-92 | Highly Advantageous | The system allows access to the local Intranet from mobile device. | Comply | |
| MGen-93 | Highly Advantageous | The system is able to query detailed incident history from the mobile device. | Comply | |
| MGen-94 | Advantageous | The system is able to query defined unit status summary information from the mobile device, e.g., unit ID, location, comments. | Comply | |
| MGen-95 | Advantageous | Upon dispatch of unit(s) to an incident, the system will display and buffer agency-defined dispatch information, e.g., radio talk group number, incident type, medical history, map page, premise flag. | Comply | |
| MGen-96 | Highly Advantageous | The system allows unit status updates from the mobile device using function keys or similar process. | Comply | |
| MGen-97 | Highly Advantageous | Mobile client can perform all unit status changes that are available within the CAD system. | Comply | |
| MGen-98 | Highly Advantageous | The mobile client can receive dispatcher-initiated changes, e.g., incident type change, location update, narrative updates. | Comply | |
| MGen-99 | Highly Advantageous | The mobile client will be notified with visual alerts(s) of dispatcher-initiated changes. | Comply | |
| MGen-100 | Highly Advantageous | The mobile client will be notified with audible alert(s) of dispatcher-initiated changes. | Comply | |
| MGen-101 | Advantageous | The system is able to update CAD with unit shift activity information, e.g., station change, other location changes, manpower changes. | Comply | |
| MGen-102 | Highly Advantageous | The system logs incident and unit activities conducted by mobile unit. | Comply | |
| MGen-103 | Advantageous | The system supports voiceless dispatch for police, fire and EMS personnel. | Comply | |
| MGen-104 | Advantageous | The system supports text to voice functionality. | Comply | |
| MGen-105 | Advantageous | The text to voice functionality includes dispatch information. | Comply | |
| MGen-106 | Advantageous | The text to voice functionality includes query responses. | Comply | |
| MGen-107 | Advantageous | The system supports speech recognition functionality. | Does Not Comply | We are not aware of any product that has proven to be reliable inside of a public safety vehicle. |
| MGen-108 | Advantageous | The speech recognition functionality includes typical query requests. | Does Not Comply | |
| MGen-109 | Advantageous | The speech recognition functionality includes unit status changes. | Does Not Comply | |
| MGen-110 | Highly Advantageous | The mobile application provides for day and night time modes of illumination that can be configured by the user. | Comply | |
| MGen-111 | Highly Advantageous | Mobile data application use the same databases as the CAD System. | Comply | |
| MGen-112 | Highly Advantageous | Mobile application has the capability of attaching and/or displaying pre-plans, building diagrams, and associated files using common file types. | Comply | |
| MGen-113 | Highly Advantageous | Mobile application has the ability to display images (e.g. driver's license photo, mugshots) | Comply | |
| The mobile application is able to launch other applications to access files when viewing a preplan that has such associated attachments to include but not limited to: | | | | |
| MGen-114 | Highly Advantageous | PDF | Comply | Requires the installation of Adobe Reader on that mobile device. |
| MGen-115 | Highly Advantageous | BMP | Comply | |
| MGen-116 | Highly Advantageous | JPG | Comply | |
| MGen-117 | Highly Advantageous | PNG | Comply | |
| MGen-118 | Highly Advantageous | GIF | Comply | |
| MGen-119 | Highly Advantageous | WAV | Comply | Requires the installation of an audio player on that mobile device. |
| MGen-120 | Highly Advantageous | Visio | Comply | Requires the installation of Visio on that mobile device. |
| MGen-121 | Highly Advantageous | Mobile client is able to set the unit as "primary unit". | Comply | |
| MGen-122 | Advantageous | Mobile units have the ability to be canceled or re-assigned to an incident. | Comply | |

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| MGen-123 | Advantageous | The system can manually assign unit location (in the event of a GPS/AVL failure or shutdown). | Comply | |
| MGen-124 | Highly Advantageous | The system supports the transport of location data (AVL) from the Mobile Device to CAD. | Comply | |
| MGen-125 | Highly Advantageous | The system can query incident database. | Comply | |
| MGen-126 | Highly Advantageous | The system can query premises history. | Comply | |
| MGen-127 | Highly Advantageous | The system can query premises alerts. | Comply | |
| MGen-128 | Highly Advantageous | The system can query BOLO files. | Comply | |
| MGen-129 | Highly Advantageous | The system has the ability to limit viewing of premise alerts by assigned user discipline. | Does Not Comply | |
| MGen-130 | Highly Advantageous | The system can query prior incidents. | Comply | |
| MGen-131 | Highly Advantageous | The system utilizes multiple selection criteria such as date range, incident type, disposition, location, etc. when querying incidents. | Comply | |
| MGen-132 | Highly Advantageous | The system can query pending incidents. | Comply | |
| MGen-133 | Highly Advantageous | The system can query active incidents. | Comply | |
| MGen-134 | Highly Advantageous | The system is able to add comments and narrative to incidents. | Comply | |
| MGen-135 | Highly Advantageous | The system allows crew changes (manpower) from a form that does not require a log off and then log back on. | Comply | |
| MGen-136 | Highly Advantageous | The system provides a tree view (navbar) of information associated with a query return or incident, e.g., incident type, incident number, caller information, premise information. | Comply | |
| MGen-137 | Advantageous | For Out of Vehicle functionality, a button is provided for a mobile user to set Out of Vehicle mode. | Comply | |
| MGen-138 | Advantageous | For Out of Vehicle functionality, a notification is sent to dispatch when unit set to Out of Vehicle mode. | Comply | |
| MGen-139 | Highly Advantageous | The personnel for both MDC equipped units and non MDC equipped units can be displayed on the Units queue in the mobile client by agency. | Comply | |
| MGen-140 | Highly Advantageous | The system is able to restrict specific actions based on user group designation, e.g., firefighter, police officer, sergeant, street supervisor. These should include, add comment to call, access to any form or function, self-dispatch, user-initiated calls. | Comply | |
| The system is able to restrict specific actions based on user group designation, e.g., firefighter, police officer, sergeant, street supervisor. These should include: | | | | |
| MGen-141 | Advantageous | Add comment | Comply | |
| MGen-142 | Advantageous | Access to forms | Comply | |
| MGen-143 | Advantageous | Self dispatch | Comply | |
| MGen-144 | Advantageous | User initiated call | Comply | |
| MGen-145 | Highly Advantageous | When submitting information on a form (i.e. prior incident query), the user will see a "request submitted" acknowledgement message. | Partial Comply or Alternative | We employ management by exception methodology. If a message is not delivered the user is notified. |
| MGen-146 | Highly Advantageous | Changes made to a unit from a move up or cover assignment from dispatch updates mobile client. | Comply | |
| MGen-147 | Highly Advantageous | If an assigned incident has prior incident information attached to that address, the information associated with that prior incident should include, at a minimum: Incident date/time, incident type, nature of call, and disposition. | Comply | |
| MGen-148 | Highly Advantageous | If an assigned incident has premise information attached, the detailed information must be accessible via drill down or tab associated with premises information. | Comply | |
| MGen-149 | Highly Advantageous | If an assigned incident has hazmat information associated with it, the detailed information must be accessible via drill down or tab associated with hazmat information. | Comply | |
| MGen-150 | Highly Advantageous | A flag indicating the presence of a Premises History record or other Premises Information is displayed as a part of any event record being displayed. | Comply | |
| MGen-151 | Advantageous | The supervisor mobile client will have the ability to automatically receive all incidents of units under supervision. | Comply | |
| MGen-152 | Advantageous | When a mobile client is assigned a new incident, the system will display the incident detail form, without user intervention, regardless of which form the user is currently viewing within the mobile client application. This action will not delete or clear any data being entered in the form that was overridden. | Comply | |
| MGen-153 | Highly Advantageous | If an incident is open on the mobile client (displayed in detail), changes to that incident will show up in the incident queue. | Comply | |
| MGen-154 | Highly Advantageous | As changes are made to incidents within CAD, the system will send update notifications to all units assigned to the call and supervisors monitoring the call. | Comply | |
| MGen-155 | Highly Advantageous | The mobile client provides a way for a unit to retrieve premise information from CAD in relation to the unit's current location when not assigned a specific incident. | Comply | |
| MGen-156 | Advantageous | The mobile client provides a way for a unit to retrieve hydrant information related to an assigned incident. | Comply | |
| MGen-157 | Advantageous | The mobile client provides a way for a unit to retrieve hydrant information in relation to the unit's current location when not assigned to a specific incident. | Comply | |
| MGen-158 | Highly Advantageous | The mobile client provides the ability for a field user to place a unit on shift and off shift, and the information will update CAD. | Comply | |

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|--|---------------------|--|-------------------------------|--|
| MGen-159 | Advantageous | Mobile Application will allow access to various modules based on user profiles. | Comply | |
| MGen-160 | Advantageous | Mobile must allow for various broadband connectivity using commercial carrier(s) and associated functional aspects of them in the field, e.g., aircard, hotspot, Wi-Fi. | Comply | |
| MGen-161 | Highly Advantageous | The system can utilize NetMotion Wireless or integrated equivalent mobile VPN software application to help manage connectivity to the wireless network. | Comply | |
| MGen-162 | Highly Advantageous | Mobile Applications must allow operation of all modules in a totally disconnected mode with access to data on the local hardware. | Comply | |
| MGen-163 | Advantageous | Mobile Applications must be robust while in disconnected mode and allow for data input that will be transmitted upon re-establishing wireless connection. | Comply | |
| MGen-164 | Highly Advantageous | No user intervention required to sync mobile database to server once connectivity is reacquired. | Comply | |
| MGen-165 | Highly Advantageous | All synchronization and connection to server must be seamless to user. | Comply | |
| MGen-166 | Highly Advantageous | The mobile software shall have a visual indicator showing the mobile data client's real-time connection status. | Comply | |
| MGen-167 | Highly Advantageous | Brief disconnections will not require the user to log back into the system | Comply | |
| MGen-168 | Advantageous | The system facilitates access to local databases. | Comply | |
| MGen-169 | Advantageous | The system allows a button to be programmed that will allow the user to open up another application (i.e. field based reporting). | Comply | |
| MGen-170 | Advantageous | The system allows easy connection/access to third party RMS databases. | Comply | Depends on the RMS system and their API offerings. |
| MGen-171 | Highly Advantageous | The system provides a method of changing the unit capabilities (e.g., unit type, station assignment, manpower updates) from the MDC without logging off | Comply | |
| MGen-172 | Advantageous | The system provides the ability to receive various types of alerts (i.e.: Tornado Warning, Amber Alert) | Comply | |
| MGen-173 | Highly Advantageous | The system accurately notifies the user that the status change made by the mobile device was received by the mobile server | Comply | |
| MGen-174 | Highly Advantageous | Various display screens can be sorted by Zone or District | Comply | |
| Operational Requirements | | | | |
| MGen-175 | Advantageous | The system supports multiple protocols for data communication, e.g. commercial 3G/LTE, 802.11x, FirstNet Band 14, private radio frequency | Comply | |
| MGen-176 | Advantageous | The system supports use of dynamic IP addressing | Comply | |
| MGen-177 | Advantageous | The system supports the ability for mobiles to seamlessly roam across available wireless networks | Comply | |
| MGen-178 | Highly Advantageous | The system can access the Internet from mobile device using group policies defined by Microsoft Active Directory™ | Comply | |
| The system can prioritize network access by the following rules based criteria: | | | | |
| MGen-179 | Advantageous | User | Partial Comply or Alternative | Pre-programmed |
| MGen-180 | Advantageous | Application type | Partial Comply or Alternative | Pre-programmed |
| MGen-181 | Advantageous | Signal strength | Does Not Comply | |
| MGen-182 | Advantageous | An authorized user can set and change the priority network access | Does Not Comply | |
| MGen-183 | Advantageous | The system manages user access to multiple network resources | Does Not Comply | Net Motion. |
| MGen-184 | Advantageous | The MDC system may be implemented prior to the implementation of CAD to support existing functions | Comply | |
| MGen-185 | Highly Advantageous | Updates to the MDC client can be pushed to the MDC's to avoid the requirement of physically touching each unit using state-of-the-art file transfer protocols (e.g., Microsoft BITS) | Comply | |
| MGen-186 | Advantageous | The mobile data system provides an independent test environment to test updates prior to downloading to mobile clients | Comply | ICS thoroughly tests all updates but if additional testing is required a test environment can be set up at minimal cost for equipment. All updates are downloaded from the ICS web site to provide a streamlined/non-IT involved method of installation. |
| MGen-187 | Advantageous | The mobile application is capable of accessing file downloads from WIFI hotspot connections | Comply | |
| MGen-188 | Highly Advantageous | The mobile application is capable of accessing file downloads from Ethernet connection | Comply | |
| MGen-189 | Advantageous | The mobile application utilizes a standard network protocol | Comply | |
| MGen-190 | Advantageous | The mobile client is able to connect with mobile server using TCP/IP | Comply | |
| MGen-191 | Highly Advantageous | The mobile client is able to connect with mobile server using UDP | Does Not Comply | UDP is not desirable in this environment since it is connectionless. |
| MGen-192 | Advantageous | CAD's text paging features may be utilized from the mobile device | Comply | |
| MGen-193 | Advantageous | An authorized user can define the time limits of out of range traffic | Comply | |
| MGen-194 | Advantageous | An authorized user can configure the settings to limit information or transactions being queued by an out of range user | Comply | |
| MGen-195 | Highly Advantageous | The system allows the use of a keyboard/mouse combination on the mobile client | Comply | |
| MGen-196 | Highly Advantageous | The system allows the use of a touch pad on the mobile client | Comply | |
| MGen-197 | Highly Advantageous | The system allows the use of a touch screen on the mobile client | Comply | |
| MGen-198 | Highly Advantageous | The system supports the use of an Emergency Button on the Mobile Device, notifying CAD workstations of a situation requiring urgent attention | Comply | |
| MGen-199 | Highly Advantageous | The system supports the use of an Emergency Button on the Mobile Device, notifying other logged on mobile users of a situation requiring urgent attention | Comply | |

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|--|---------------------|--|-------------------------------|--|
| MGen-200 | Highly Advantageous | The activation of the Emergency Button on the mobile device will not activate any audible or visual indicators on the activated unit. | Comply | |
| MGen-201 | Highly Advantageous | The emergency alert message will display the identity of the Mobile Device and current AVL location. | Comply | |
| MGen-202 | Highly Advantageous | The alert message requires acknowledgment of the CAD workstation operator, which will silence the alert. | Comply | |
| MGen-203 | Highly Advantageous | The alert message will include audible (optional using system configuration) and visual indicators to CAD workstations/other units. | Comply | |
| The system supports, at a minimum, the following user equipment options: | | | | |
| MGen-204 | Highly Advantageous | Removable vehicle mounted laptop computers using vehicle mounted radio modems and radios in compliance with current DOJ CJIS requirements. | Comply | |
| MGen-205 | Advantageous | Portable hand-held data terminals using radio modems and radios. | Comply | As long as it uses Windows 7 or later operating system and TCP/IP protocol. |
| MGen-206 | Advantageous | Portable hand-held data terminals using commercial carrier radios. | Comply | As long as it uses Windows 7 or later operating system and TCP/IP protocol. |
| MGen-207 | Advantageous | Portable hand-held iOS wireless devices. | Comply | For LRMS access only. |
| MGen-208 | Advantageous | Portable hand-held Android wireless devices. | Comply | For LRMS access only. |
| MGen-209 | Advantageous | Portable hand-held Windows wireless devices. | Comply | |
| MGen-210 | Advantageous | Status/Message terminals using radio modems and mobile radios. | Comply | As long as it uses Windows 7 or later operating system and TCP/IP protocol. |
| MGen-211 | Advantageous | Portable printers | Comply | |
| MGen-212 | Advantageous | Electronic signatures | Does Not Comply | We recommend the use of touch screens for any signature capturing |
| MGen-213 | Advantageous | Capacitive Touch Screens | Comply | |
| MGen-214 | Advantageous | Robust OCR handwriting recognition capability to read handwritten material and convert into plain text | Comply | Most high quality OCR software will convert properly. |
| Unit Information | | | | |
| The system provides, at a minimum, the following data elements associated with a unit: | | | | |
| MGen-215 | Advantageous | Unit ID | Comply | |
| MGen-216 | Advantageous | Agency | Comply | |
| MGen-217 | Advantageous | Dispatch group | Comply | |
| MGen-218 | Advantageous | Ability to accommodate 1 to 10 personnel assigned to a unit | Comply | |
| MGen-219 | Advantageous | Multiple unit types | Comply | |
| MGen-220 | Advantageous | Vehicle ID | Comply | |
| Unit / Incident Status Monitors / Forms | | | | |
| The system provides at a minimum the following status monitor forms: | | | | |
| MGen-221 | Highly Advantageous | Pending Events | Comply | |
| MGen-222 | Highly Advantageous | Active Events | Comply | |
| MGen-223 | Highly Advantageous | Available Units | Comply | |
| MGen-224 | Highly Advantageous | Active Units | Comply | |
| MGen-225 | Highly Advantageous | Special Status Units | Comply | |
| MGen-226 | Highly Advantageous | Out of Service Units | Partial Comply or Alternative | We normally do not display out of service units. Another approach would be to assign the unit a "Not Available - Out of Service" status. |
| MGen-227 | Highly Advantageous | All Units | Comply | |
| MGen-228 | Highly Advantageous | All Events | Comply | |
| Status monitor/form capabilities organized by incident includes, at a minimum, the following: | | | | |
| MGen-229 | Highly Advantageous | Sorting by priority | Does Not Comply | |
| MGen-230 | Advantageous | Sorting by districts | Comply | |
| MGen-231 | Advantageous | Sorting by zone | Does Not Comply | |
| MGen-232 | Advantageous | Sorting by event number | Comply | |
| MGen-233 | Advantageous | Display of events with different colors for each priority and time frame. | Partial Comply or Alternative | |
| MGen-234 | Advantageous | Display of events with different colors for user defined time frames (e.g. new events) | Does Not Comply | |
| MGen-235 | Advantageous | The colors representing each priority shall be definable. | Comply | |
| MGen-236 | Advantageous | Display of events with different symbols for each priority. | Does Not Comply | |
| Status monitor/form capabilities organized by unit includes, at a minimum, the following: | | | | |
| MGen-237 | Advantageous | Sorting by unit ID | Comply | |
| MGen-238 | Advantageous | Sorting by status | Comply | |
| MGen-239 | Advantageous | Sorting by unit type | Comply | |
| MGen-240 | Advantageous | Sorting by location | Comply | |
| MGen-241 | Advantageous | Sorting by Station | Comply | |
| MGen-242 | Advantageous | Sorting by Agency | Comply | |
| MGen-243 | Advantageous | Display of units with a different color for each status. | Comply | |
| MGen-244 | Advantageous | The colors representing each status shall be user definable. | Comply | |
| MGen-245 | Advantageous | Display of units with different symbols and color for each status. | Comply | |
| MGen-246 | Advantageous | Display of units with different symbols and color for each agency. | Comply | |
| MGen-247 | Highly Advantageous | The mobile system allows for "plug-ins" of authorized third party software which can integrated with standardized data available from the MD system. | Comply | |

| Spec ID | Importance | Description of Capability Mobile Data General Requirements | Bidder Response | Bidder Comment |
|----------|---------------------|---|-----------------|----------------|
| MGen-248 | Highly Advantageous | The mobile system provides the ability to interface with Brazos™ ticket writers to access TLETS and local databases. | Comply | |
| Mgen-249 | Highly Advantageous | The mobile system supports the delivery of Priority Dispatch ProQA® patient information to FD/EMS with live updates from dispatch | Comply | |

| Spec ID | Importance | Description of Capability Mobile Data AVL | Bidder Response | Bidder Comment |
|---|---------------------|---|-------------------------------|--|
| Mobile Data Automatic Vehicle Location (AVL) | | | | |
| MAVL-1 | Highly Advantageous | The system supports the use of an automatic vehicle location (AVL) system. | Comply | |
| MAVL-2 | Highly Advantageous | The system supports the AVL function using public communications network. | Comply | |
| MAVL-3 | Highly Advantageous | The system supports the AVL function using private communications network. | Comply | |
| MAVL-4 | Highly Advantageous | The system supports the ability to configure authorized users to view other units AVL locations on the map of the MDC. | Comply | |
| MAVL-5 | Highly Advantageous | The unit AVL locations are displayed on the CAD map. | Comply | |
| MAVL-6 | Highly Advantageous | The unit AVL locations are updated on the map automatically. | Comply | |
| MAVL-7 | Highly Advantageous | The AVL function allows dispatch to monitor the real-time location of all resources equipped with AVL capability. | Comply | Real-time is not possible with wireless latency--near real-time. |
| MAVL-8 | Highly Advantageous | The unit AVL location is used in vehicle routing. | Comply | |
| MAVL-9 | Highly Advantageous | AVL functions seamlessly in conjunction with Mobile System with no conflicts of data transmission. | Comply | |
| MAVL-10 | Highly Advantageous | AVL location information uses latitude / longitude. | Comply | |
| MAVL-11 | Highly Advantageous | The system supports the activation / deactivation of AVL by unit without impacting real time CAD operations, exclusive of the impact on proximity unit recommendation. | Comply | |
| MAVL-12 | Highly Advantageous | The system supports the system-wide activation / deactivation of AVL without impacting real time CAD operations, exclusive of the impact on proximity unit recommendation. | Comply | |
| MAVL-13 | Highly Advantageous | The refresh rate of AVL updates is determined and can be configured by an authorized user. | Comply | |
| MAVL-14 | Highly Advantageous | The frequency of AVL location updates can be adjusted by unit and status. | Comply | |
| MAVL-15 | Highly Advantageous | The system can be configured so that the location of a self-initiated call is based on AVL user location. | Comply | |
| MAVL-16 | Highly Advantageous | The AVL module can be toggled on and off without degradation of CAD responsiveness. | Comply | |
| MAVL-17 | Highly Advantageous | The system can interface with the AVL application to produce event and unit playback activity using the CAD mapping module. | Comply | |
| MAVL-18 | Highly Advantageous | The system will interface with the AVL application to capture unit data regarding current unit conditions, e.g., status of emergency lights and sirens through digital and analog inputs. | Does Not Comply | |
| MAVL-19 | Highly Advantageous | The system will interface with the AVL application to capture unit data and reflect current unit conditions on the unit icon on the CAD status map. | Does Not Comply | |
| MAVL-20 | Highly Advantageous | The system supports AVL playback function for units on a map. | Comply | |
| The system will interface with the AVL application to capture unit data to enable the following reports: | | | | |
| MAVL-21 | Highly Advantageous | Vehicle activity | Comply | |
| MAVL-22 | Highly Advantageous | Speed | Comply | |
| MAVL-23 | Highly Advantageous | Location | Comply | |
| MAVL-24 | Highly Advantageous | Geofence spatial proximity detection | Comply | |
| MAVL-25 | Advantageous | Digital inputs (e.g. lights, sirens) | Does Not Comply | |
| MAVL-26 | Advantageous | Analog inputs (e.g. lights, sirens) | Does Not Comply | |
| MAVL-27 | Advantageous | The system can be configured so that a Supervisor will be notified when a unit violates policy, e.g., geofence, speed violation. | Comply | |
| MAVL-28 | Highly Advantageous | Able to send AVL/GPS data over network using TCP/IP or UDP | Partial Comply or Alternative | TCP/IP |
| MAVL-29 | Advantageous | The system allows airbag deployment and crash sensor analog/digital inputs transmitted to CAD for event creation. | Partial Comply or Alternative | Depends on the API provided by the sensor manufacturer. |

| Spec ID | Importance | Description of Capability Mobile Data Mapping - GIS | Bidder Response | Bidder Comment |
|--|---------------------|--|-----------------|---|
| Mobile Data Mapping / GIS | | | | |
| MMap-1 | Highly Advantageous | The system supports seamless integration with web-based Pictometry Visual Intelligence layer and tools | Comply | We use ESRI's ArcGIS Runtime that supports mashing up web-based visuals. |
| MMap-2 | Highly Advantageous | The mobile map displays active events. | Comply | |
| MMap-3 | Highly Advantageous | The mobile map allows the ability to add user defined layers and imagery. | Comply | |
| MMap-4 | Highly Advantageous | The mobile map displays pending events for authorized users. | Comply | |
| MMap-5 | Highly Advantageous | The user can close / re-open streets in real time interactively. | Comply | |
| MMap-6 | Highly Advantageous | The system propagates street status changes in real time to the mobile system for use in routing options | Comply | |
| MMap-7 | Highly Advantageous | The mobile map will display attributes associated with map features. | Comply | |
| MMap-8 | Highly Advantageous | The user can zoom in on an area of the mobile map for enhanced detail. | Comply | |
| MMap-9 | Highly Advantageous | The user can pan from an area to an adjacent area on the mobile map. | Comply | |
| MMap-10 | Highly Advantageous | The mobile map will display active incidents and status of each unit for authorized users. | Comply | |
| MMap-11 | Highly Advantageous | The mobile map will allow map to be set and oriented based on event location. | Comply | |
| MMap-12 | Highly Advantageous | The mobile map will allow map to be set and oriented on a units location. | Comply | |
| MMap-13 | Highly Advantageous | The mobile map will allow map to be set and oriented based on a units direction of travel. | Comply | |
| MMap-14 | Highly Advantageous | The system will display actual unit location in the unit status window while enroute to an incident until the unit is on-scene. | Comply | |
| MMap-15 | Highly Advantageous | The system allows the display of units for authorized users to be filtered by device / unit using an agency defined boundary, e.g., zone, municipality. | Comply | |
| MMap-16 | Highly Advantageous | The system supports maps developed on an ESRI GIS-based platform. | Comply | |
| MMap-17 | Highly Advantageous | Data comes from ARC SDE. | Comply | We utilize the most current version of ESRI (SDK 100) which uses mobile map packages (similar to map catalogs). Updates are sent to the mobile via wireless hot spot. |
| MMap-18 | Highly Advantageous | Maps come from ARC GIS Server. | Comply | |
| MMap-19 | Highly Advantageous | Zoom into location on map as vehicle approaches incident dispatched on. | Comply | |
| MMap-20 | Highly Advantageous | The system will display map information from hard drive of the mobile device if the ARC GIS Server is not available. | Comply | ARC GIS Web Services are to slow when employing navigation. We utilize the most current version of ESRI (SDK 100) which uses mobile map packages (similar to map catalogs). Updates are sent to the mobile via wireless hot spot. |
| MMap-21 | Highly Advantageous | The system can access and display specific maps, e.g., apartment complexes, industrial complexes, special structures. | Comply | |
| MMap-22 | Highly Advantageous | The system can access and display maps with agency-defined features, e.g., street names, block ranges, terrain features, common places. | Comply | |
| MMap-23 | Highly Advantageous | The system can zoom in and zoom out of map | Comply | |
| MMap-24 | Highly Advantageous | The system will center the map display on current vehicle location (AVL). | Comply | |
| MMap-25 | Highly Advantageous | The system will center map display on incident location. | Comply | |
| MMap-26 | Highly Advantageous | The system will center map display on specified geographic location. | Comply | |
| MMap-27 | Highly Advantageous | The system has the ability to highlight the recommended route on the mobile device map from current location to dispatched location. | Comply | |
| MMap-28 | Highly Advantageous | The system provides turn-by-turn audible directions from the current location to the dispatched location in the same manner as a GPS device (e.g. Garmin). | Comply | |
| MMap-29 | Highly Advantageous | An authorized user has the ability to 'turn on' or 'turn off' audible turn-by-turn directions. | Comply | |
| MMap-30 | Highly Advantageous | The systems provides the ability to utilize pre-recorded street names (e.g. correctly pronounced names). | Does Not Comply | The latest ESRI software announces very well. |
| MMap-31 | Highly Advantageous | The system provides turn-by-turn text based directions from the current location to the dispatched location. | Comply | |
| MMap-32 | Highly Advantageous | The system provides the ability to re-route a unit when it encounters a road block or goes off course. | Comply | |
| MMap-33 | Highly Advantageous | The system considers closed streets when providing directions. | Comply | |
| Determination of the suggested driving route will take into account an analysis of vehicle type and impedance of route (speed of route) to include: | | | | |
| MMap-34 | Highly Advantageous | Road Closures | Comply | |
| MMap-35 | Highly Advantageous | Speed limits | Comply | |
| MMap-36 | Highly Advantageous | Barriers | Comply | |

| | | | | |
|---|---------------------|---|--------|--|
| MMap-37 | Highly Advantageous | Construction Zones | Comply | |
| MMap-38 | Highly Advantageous | Turn Restrictions | Comply | |
| MMap-39 | Highly Advantageous | Weight limits (e.g. bridges/trucks) | Comply | |
| MMap-40 | Highly Advantageous | Height Limits (e.g. overpasses) | Comply | |
| MMap-41 | Highly Advantageous | Width Limits (e.g. bridges/roads) | Comply | |
| MMap-42 | Highly Advantageous | Elevation or 'Z' value of overpasses | Comply | |
| MMap-43 | Highly Advantageous | One way streets | Comply | |
| MMap-44 | Highly Advantageous | Time-of-day impediments (e.g. rush hour traffic, school zones) | Comply | |
| MMap-45 | Highly Advantageous | Ability to pre-program addresses and destinations (hospitals) to be used for routing units. | Comply | |
| The system provides the ability to utilize user definable GPS polling frequency based on: | | | | |
| MMap-46 | Highly Advantageous | Change of heading | Comply | |
| MMap-47 | Highly Advantageous | Defined distance | Comply | |
| MMap-48 | Highly Advantageous | Defined time intervals | Comply | |
| MMap-49 | Highly Advantageous | The mobile application can be configured to allow authorized users the ability to view other unit locations (AVL). | Comply | |
| MMap-50 | Highly Advantageous | The mobile application has the ability to view last known locations. | Comply | |
| MMap-51 | Highly Advantageous | The mobile application can display fire map books. | Comply | |
| MMap-52 | Advantageous | The system allows an incident to be created by a mobile unit using latitude/longitude from GPS current location. | Comply | |
| MMap-53 | Advantageous | The system allows an incident to be created by a mobile unit using latitude / longitude by selecting a location from the map. | Comply | |
| MMap-54 | Highly Advantageous | The system can perform a radius search from a specific address. | Comply | |
| MMap-55 | Highly Advantageous | Mapping capability using the same general mechanism and user interface as CAD. | Comply | |
| MMap-56 | Highly Advantageous | The system can perform a radius search from a map location. | Comply | |
| MMap-57 | Highly Advantageous | The radius search will return hazmat information. | Comply | |
| MMap-58 | Highly Advantageous | The radius search will return location hazards. | Comply | |
| MMap-59 | Highly Advantageous | The radius search will return prior incidents. | Comply | |
| MMap-60 | Highly Advantageous | The radius search will provide list of addresses/hazards that can be drilled down into for detail information. | Comply | |
| MMap-61 | Highly Advantageous | The system can link to server files, (e.g., images, pre-plans, floor plans, keyholders) from the map. | Comply | |
| The map application is able to display or hide layers of information, to include but not limited to: | | | | |
| MMap-62 | Highly Advantageous | All active incidents | Comply | |
| MMap-63 | Highly Advantageous | All actively engaged units | Comply | |
| MMap-64 | Highly Advantageous | All available units | Comply | |
| MMap-65 | Highly Advantageous | Any or all available layers at the discretion of a user | Comply | |
| MMap-66 | Highly Advantageous | An authorized user has the ability to define layers that are available for display | Comply | |
| MMap-67 | Highly Advantageous | The mapping application is able to display fire station locations. | Comply | |
| MMap-68 | Highly Advantageous | The mapping application is able to display jurisdictional boundaries. | Comply | |
| The mapping application is able to display the following, but not limited to, boundaries: | | | | |
| MMap-69 | Highly Advantageous | Municipal boundaries | Comply | |
| MMap-70 | Highly Advantageous | Districts (Police and Fire) | Comply | |
| MMap-71 | Highly Advantageous | Fire Stations | Comply | |
| MMap-72 | Highly Advantageous | Ability to freeze map on locations (e.g. event location, unit location). | Comply | |
| MMap-73 | Highly Advantageous | Unique symbols can be configured based on agency and unit type (i.e. Patrol car, Medic Unit, Fire apparatus). | Comply | |
| MMap-74 | Highly Advantageous | The system provides a method of visually representing tactical needs on the map. The systems allows users to draw graphics on their map that can be saved and then displayed to the other map users (e.g. FD Command, PD Command, IC, Triage/EMS, Staging, etc.). | Comply | |
| MMap-75 | Highly Advantageous | Mobile unit map alerts / highlights possible intersection of responding units to same or other incident. | Comply | |

| Spec ID | Importance | Description of Capability Mobile Data Messaging | Bidder Response | Bidder Comment |
|------------------------------|---------------------|---|-----------------|--------------------------------------|
| Mobile Data Messaging | | | | |
| MMsg- 1 | Highly Advantageous | The system provides a method of allowing messaging between mobile data computers (MDC) and CAD with the characteristics of Instant Messaging. | Comply | |
| MMsg- 2 | Highly Advantageous | The system provides a method of creating and maintaining groups of MDCs for the purpose of messaging. | Comply | |
| MMsg- 3 | Highly Advantageous | The messaging processes associated with the mobile application includes the capability to compose and send messages to single units. | Comply | |
| MMsg- 4 | Highly Advantageous | The messaging processes associated with the mobile application includes the capability to compose and send messages to single workstations. | Comply | |
| MMsg- 5 | Highly Advantageous | The messaging processes associated with the mobile application includes the capability to compose and send messages to multiple units. | Comply | |
| MMsg- 6 | Highly Advantageous | The messaging processes associated with the mobile application includes the capability to compose and send messages to multiple workstations. | Comply | |
| MMsg- 7 | Highly Advantageous | The messaging processes associated with the mobile application includes the capability to compose and send messages to groups of units. | Comply | |
| MMsg- 8 | Highly Advantageous | The messaging processes associated with the mobile application includes the capability to compose and send messages to groups of workstations. | Comply | |
| MMsg- 9 | Highly Advantageous | The messaging processes associated with the mobile application includes the capability to compose and send messages to groups of individuals. | Comply | |
| MMsg- 10 | Highly Advantageous | The messaging processes associated with the mobile application includes the capability to compose and send messages to groups that include a combination of units and individuals. | Comply | |
| MMsg- 11 | Highly Advantageous | The system will provide a message received alert. | Comply | |
| MMsg- 12 | Highly Advantageous | The system will send a confirmation message to the unit that a sent message has been received. | Comply | |
| MMsg- 13 | Highly Advantageous | Single function/button/key unit emergency message capability exists that is sent to all other field personnel and to dispatch to be implemented at the agencies discretion. | Comply | |
| MMsg- 14 | Highly Advantageous | The mobile system allows a mobile user to address/send a message to a CAD workstations and groups (MDCs and/or workstations) | Comply | |
| MMsg- 15 | Highly Advantageous | All mobile message traffic (unit to unit, unit to CAD, CAD to unit, etc.) will be logged and available for review/audit. | Comply | |
| MMsg- 16 | Advantageous | Messages to a active but "out of range" unit will be queued on both the mobile client and the mobile systems server so that the message will be transmitted at a later time when the unit is "back in range". Includes status changes, updates, and location changes. | Comply | |
| MMsg- 17 | Advantageous | Messages to an "out of range" unit will notify the sender that the message was not delivered. | Comply | If flagged as a certified message |
| MMsg- 18 | Highly Advantageous | The system will provide the ability to attach ANY type of file to a message that are necessary to support NG9-1-1. (e.g., images, audio, video, etc..) | Comply | Using the web-based call for service |

| Spec ID | Importance | Description of Capability Mobile Data State NCIC | Bidder Response | Bidder Comment |
|---|---------------------|--|-------------------------------|---|
| Mobile Data LE Local NCIC/TCIC/ TLETS Interface | | | | |
| MNCIC-1 | Highly Advantageous | The Mobile Data System supports communication between the CAD mobile client and National Crime Information Center (NCIC), Texas Crime Information Center (TCIC), Regional (DTJ), and local (municipal) databases. | Comply | |
| MNCIC-2 | Highly Advantageous | The Mobile Data System shall comply with Criminal Justice Information Services Division (CJIS) requirements, described in the most current version of the <i>Criminal Justice Information Services Security Policy</i> , approved by U.S. Department of Justice. | Comply | |
| MNCIC-3 | Highly Advantageous | The Mobile Data System is able to direct a single query to the NCIC/TCIC System. | Comply | |
| MNCIC-4 | Highly Advantageous | The Mobile Data System is able to direct a single query to a user defined local database. | Comply | |
| MNCIC-5 | Advantageous | An authorized user can create user-designed format screens for NCIC/TCIC inquiry and information return. | Comply | |
| MNCIC-6 | Advantageous | An authorized user can create user-designed format screens for Local inquiry and information return. | Comply | |
| MNCIC-7 | Advantageous | The Mobile Data System is able to specify security access permissions for any inquiry request format. | Comply | |
| MNCIC-8 | Advantageous | The Mobile Data System is able specify the maximum number of requests the agencies can send to the NCIC/TCIC/local. | Does Not Comply | |
| MNCIC-9 | Highly Advantageous | The Mobile Data System logs all NCIC/TCIC/local transactions in a history file for viewing and reporting purposes. | Comply | |
| MNCIC-10 | Advantageous | An authorized user can search for NCIC/TCICs/local inquiry responses by date/date range. | Comply | |
| MNCIC-11 | Highly Advantageous | The Mobile Data System provides the ability to view driver's license photos from Texas DPS return messages. | Comply | |
| MNCIC-12 | Advantageous | The Mobile Data System can print messages received via an NCIC/TCIC/local inquiry request/response to a local (in vehicle) printer. | Partial Comply or Alternative | Screen print |
| MNCIC-13 | Advantageous | An authorized user in the Mobile Data System can print messages received via a NCIC/TCIC/local inquiry request/response to a network printer at a central location. | Comply | |
| MNCIC-14 | Advantageous | The Mobile Data System allows data and messages returned from the NCIC/TCIC/local inquiry to be sent to specified units. | Comply | All NCIC/TCIC message are automatically attached to the event (all units on the event) and incident. |
| MNCIC-15 | Advantageous | The Mobile Data system allows information contained in a response to auto populate a new online query for additional information to submit for inquiry. | Comply | ICS automatically submits all possible vehicle and/or person queries. There is no need for an officer to submit multiple queries. |
| MNCIC-16 | Advantageous | The Mobile Data System allows editing the string of data that is sent to the NCIC/TCIC/local. | Does Not Comply | I would love to see this in practice. |
| MNCIC-17 | Highly Advantageous | The Mobile Data System has the ability to attach a return from the NCIC/TCIC/local inquiry to the incident/call database | Comply | Performed automatically. |
| MNCIC-18 | Highly Advantageous | The Mobile Data System has the ability to restrict returned data from NCIC/TCIC/local from being attached to the incident/call database | Comply | |
| MNCIC-19 | Highly Advantageous | All transmissions that are attached to an event will provide the user with the option to attach that information to the call. | Comply | |
| MNCIC-20 | Highly Advantageous | The system allows dispatchers to view NCIC/TCIC activity conducted via mobile that is related to an event. | Comply | |
| MNCIC-21 | Highly Advantageous | All responses back that can be matched to the original transmission will provide the user the option to attach that information to the call. | Comply | |
| MNCIC-22 | Highly Advantageous | The system shall provide audit capability. | Comply | |
| MNCIC-23 | Highly Advantageous | The system provides capability for smart formats that are based on information returned by the state. Queries are automatically spawned based on information returned. | Comply | Region returns are currently handled this way. |
| The system provides the ability to alert the user of critical information (i.e. stolen, wanted) being returned to the user through the configuration of: | | | | |
| MNCIC-24 | Highly Advantageous | Font size | Does Not Comply | |
| MNCIC-25 | Highly Advantageous | Font color | Comply | |
| MNCIC-26 | Highly Advantageous | Audible alert | Comply | |

Law RMS Specifications

The following forty (40) pages contain the ICS response for City of Denton Law RMS Specifications.

| Spec ID | Importance | Description of Capability Law Enforcement RMS General Requirements | Bidders Response | Bidder Comment |
|---|------------|--|-------------------------------|--|
| Law RMS General Requirements | | | | |
| Security | | | | |
| LGen-1 | Important | Once a report has been finalized and approved by the appropriate level supervisor, access to edit the report can be locked out without the intervention of an authorized user. | Comply | Based on security rights setup for users or groups |
| LGen-2 | Mandatory | The ability to restrict access to individual records related to persons and activities is performed by an authorized user. | Comply | |
| LGen-3 | Mandatory | RMS records are accessible from mobile devices, with authorization. | Comply | |
| LGen-4 | Mandatory | RMS records are accessible by external, workstations from other jurisdictions, with authorization, including a configurable dashboard. | Comply | |
| LGen-5 | Mandatory | Advanced Authentication methodology is provided for access security. | Comply | |
| LGen-6 | Important | Access to the RMS module can be restricted on a jurisdiction, workstation, user and function basis. | Comply | |
| LGen-7 | Mandatory | Data related to juveniles can be designated as juvenile records. | Comply | |
| LGen-8 | Mandatory | Access to juvenile records can be restricted on a jurisdiction, workstation, user and function basis. | Comply | |
| LGen-9 | Mandatory | Views of data can be separated by jurisdiction, agency, department, discipline and bureau with a department. | Comply | |
| LGen-10 | Mandatory | The system will Interface with LiveScan, AFIX Tracker, TxDOT CRIS and CRASH LexisNexis Coplogic, and Tyler Brazos. | Partial Comply or Alternative | We interface to LiveScan, LexisNexis and Tyler Brazos. We do not currently interface to AFIX Tracker and TxDOT CRIS. |
| LGen-11 | Mandatory | The system has the ability to Import media and data from Brazos system through an interface. | Comply | |
| The above referenced interface to Brazos system will import, at a minimum, the following: | | | | |
| LGen-12 | Mandatory | Citations : Traffic and non-traffic | Comply | |
| LGen-13 | Mandatory | Parking citations | Comply | |
| LGen-14 | Mandatory | Tow | Does Not Comply | |
| LGen-15 | Mandatory | Field interview | Does Not Comply | |
| Basic Capabilities | | | | |
| LGen-16 | Mandatory | LERMS records fully integrate with the CAD software. | Comply | |
| LGen-17 | Mandatory | Full integration includes automatic, seamless transfer of critical information between CAD, mobile computing, and LERMS. | Comply | |
| LGen-18 | Mandatory | LERMS records functions are provided by the same vendor as CAD. | Comply | |
| LGen-19 | Mandatory | LERMS records functions are provided by the same vendor as mobile data. | Comply | |
| LGen-20 | Mandatory | All modules will be compliant with HIPAA standards where applicable. | Comply | |
| LGen-21 | Mandatory | Drop down lists throughout the application, in all modules, utilize common data and do not require separate entry for similar fields. | Comply | |
| LGen-22 | Mandatory | Drop down lists throughout the application, in all modules, remain in synch as changes are made to the list data. | Comply | |
| LGen-23 | Mandatory | The software allows for agency defined colors on all forms and screens. | Comply | Within the confines of the browser used |
| LGen-24 | Mandatory | The software allow toolbars and toolbar buttons to be agency defined. | Does Not Comply | |
| LGen-25 | Mandatory | The software allows timely (as defined by the City policy) patches and updates to be distributed and deployed to remote and mobile workstations from a single management console. | Comply | A refreshed browser will always get the latest deployed software or patch |
| LGen-26 | Mandatory | The system allows merge/unmerge of records based upon user rights. | Comply | |
| LGen-27 | Mandatory | The system supports forms incorporating dynamic data entry user interfaces. For example, if data entered in field of a form has a certain value, other fields of that form can be made mandatory entry fields. | Comply | |
| The system, at a minimum, supports the capture/transfer from CAD of the following data elements for each CAD event: | | | | |
| LGen-28 | Mandatory | Event number | Comply | All CAD data elements are linked to the incident. No need to duplicate data in the incident record. |
| LGen-29 | Mandatory | Report number (configurable by agency to replicate event number as report number) | Comply | |
| LGen-30 | Mandatory | Event location | Comply | |
| LGen-31 | Mandatory | Event type - initial | Comply | |
| LGen-32 | Mandatory | Event type - final | Comply | |
| LGen-33 | Mandatory | Caller location | Comply | |
| LGen-34 | Mandatory | Caller name | Comply | |
| LGen-35 | Mandatory | Alternate call back number | Comply | |
| LGen-36 | Mandatory | Event priority. | Comply | |
| LGen-37 | Mandatory | Call Back field (date and time) | Comply | |
| LGen-38 | Mandatory | Free-form text fields | Comply | |
| LGen-39 | Mandatory | Disposition (unlimited) | Comply | |
| LGen-40 | Mandatory | Time call received | Comply | |
| LGen-41 | Mandatory | Time dispatched | Comply | |
| LGen-42 | Mandatory | Time first unit responded | Comply | |
| LGen-43 | Mandatory | Time first unit arrived | Comply | |
| LGen-44 | Mandatory | Time first unit cleared | Comply | |
| LGen-45 | Mandatory | Time last unit cleared | Comply | |
| The system, at a minimum, supports the capture/transfer from CAD of the following data elements for each unit logged on during a day/shift: | | | | |
| LGen-46 | Important | Unit ID | Comply | All CAD data elements are linked to the incident. No need to duplicate dat in the incident record. |
| LGen-47 | Important | Vehicle ID | Comply | |
| LGen-48 | Important | MDC log in times | Comply | |
| LGen-49 | Important | MDC log out times | Comply | |
| LGen-50 | Important | Personnel assigned | Comply | |
| The system supports the capture/transfer from CAD of the following, at a minimum, data elements for each event to which the unit was assigned: | | | | |
| LGen-51 | Important | Time dispatched | Comply | All CAD data elements are linked to the incident. No need to duplicate dat in the incident record. |
| LGen-52 | Important | Time acknowledged | Comply | |
| LGen-53 | Important | Time enroute | Comply | |
| LGen-54 | Important | Time arrived | Comply | |
| LGen-55 | Important | User defined milestones (To include statuses such as staging, fire under control, fire knocked down, rescue complete). | Comply | |
| LGen-56 | Important | Time departed for transport | Comply | |
| LGen-57 | Important | Time arrived for transport | Comply | |
| LGen-58 | Important | Time available | Comply | |

| | | | | |
|---|-----------|--|-----------------|--|
| LGen-59 | Important | Time cleared | Comply | |
| LGen-60 | Important | All run data required for completing incident reports, is available to an authorized user at any time. The intent of this requirement is to insure that it is not necessary for a unit to wait until an event is closed before they can complete their report. | Comply | |
| LGen-61 | Important | Once a report is completed and approved by the appropriate supervisor, can be locked and made non-editable without the intervention of an authorized user with appropriate security designation(s). | Comply | |
| LGen-62 | Mandatory | The system provides a method, including full audit trail information, for an authorized user to re-open a report for changes. | Comply | |
| LGen-63 | Mandatory | The system allows notification to assigned detective when report has been modified. | Comply | |
| LGen-64 | Mandatory | All CAD data fields will be available/accessible from the LERMS. | Comply | |
| LGen-65 | Important | The system allows any active workstation to print to any printer available on the network. | Comply | |
| LGen-66 | Mandatory | An authorized user is capable of generating hard-copy incident reports. | Comply | |
| LGen-67 | Mandatory | A Master Name Index (MNI) is provided. See Law Master Name Worksheet for details. | Comply | |
| LGen-68 | Mandatory | A Master Vehicle Index (MVI) is provided. See Law Master Vehicle Worksheet for details. | Comply | |
| Reporting | | | | |
| LGen-69 | Mandatory | The system provides user maintainable workflow defined by report, by user and by department (agency), e.g., Report submitted -> Supervisor review -> Report returned to officer for correction if necessary -> Report resubmitted -> Supervisor approval. | Comply | |
| LGen-70 | Mandatory | The system has the ability to identify outstanding reports by personnel name and ID. | Comply | |
| LGen-71 | Important | The report-writing package is capable of referencing and including data in reports across all disciplines. | Comply | |
| LGen-72 | Mandatory | The system is able to generate electronic NIBRS reports for submission to the State and or Federal agencies as required. | Comply | |
| LGen-73 | Important | The system provides an analysis report of consumable inventory. | Does Not Comply | |
| LGen-74 | Mandatory | Provide report redaction capabilities, i.e. the ability to omit victim names, social security numbers, personnel information, etc. | Comply | |
| The system is able to generate reports including, at a minimum, the following schedule-related data: | | | | |
| LGen-75 | Important | Days worked | Comply | |
| LGen-76 | Important | Hours worked | Comply | |
| LGen-77 | Important | Vacation requests | Comply | |
| LGen-78 | Important | Swap days / Hours | Comply | |
| LGen-79 | Important | Sub-hours / days | Comply | |
| Testing Software Updates and Patches | | | | |
| LGen-80 | Important | The LERMS can test all vendor-provided updates and patches prior to implementation on the live system. | Comply | |
| LGen-81 | Important | All patches and updates will be implemented and evaluated on the test system prior to installation on the production system. | Comply | |
| LGen-82 | Important | Testing updates and patches do not impact the live system. Testing can operate concurrently with the live system without system degradation. | Comply | |
| LGen-83 | Important | The testing system can be physically separate from the live system. | Comply | |
| LGen-84 | Important | The selection of a workstation working with either the live or test system is performed at the workstation. | Comply | |
| LGen-85 | Important | The testing system can be updated and restarted without impacting the live system. | Comply | |
| Training | | | | |
| LGen-86 | Important | The system used for training is equivalent to the live system. | Comply | |
| LGen-87 | Important | The vendor will provide system operation training to all agency system operators. | Comply | |
| LGen-88 | Important | The vendor will provide system administration training to agency-defined system administrators. | Comply | |
| LGen-89 | Important | The vendor will provide train-the-trainer training to agency-defined personnel designated as system trainers. | Comply | |
| LGen-90 | Important | Operating the training system does not impact the live system. | Comply | |
| LGen-91 | Important | The training system can operate concurrently with the live system without system response degradation. | Comply | |
| LGen-92 | Important | The selection of a workstation working with either the live or training system is performed at the workstation. | Comply | |
| LGen-93 | Mandatory | The workstation can be switched between the training and live system without impacting the live system. | Comply | |
| LGen-94 | Important | The vendor provides web-based system and component training. | Comply | |
| LGen-95 | Important | The vendor provides video-based system and component training. | Comply | |
| LGen-96 | Important | Training documentation will be provided by the vendor. | Comply | |
| LGen-97 | Important | Training documentation will be provided in hard copy and electronic format. | Comply | |
| LGen-98 | Important | The training documentation provided by the vendor can be edited/customized by the agency. | Comply | |
| LGen-99 | Important | The training system stays current with the versions of all components of the live system to stay in sync. The agency is able to synchronize the live and training systems. | Comply | |
| LGen-100 | Important | The agency can clear all incidents from training databases and reset the incident and case numbering sequences for the training system. | Comply | |
| LGen-101 | Important | The training system can be updated and restarted without impacting the live system. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Master Name Index | Bidder Response | Bidder Comment |
|--|------------|---|-----------------|----------------|
| Law Master Name Index | | | | |
| LMNI-1 | Important | A Master Name Index (MNI) is provided. | Comply | |
| LMNI-2 | Important | Where available, the system allows the import of standardized code tables from external sources, e.g., NENA, FBI. | Comply | |
| LMNI-3 | Important | The MNI is accessible and integrated with all modules where name information is needed/referenced. | Comply | |
| The MNI is accessible and integrated with the following activities, at a minimum: | | | | |
| LMNI-4 | Important | Arrests | Comply | |
| LMNI-5 | Important | Accidents | Comply | |
| LMNI-6 | Important | Bookings | Comply | |
| LMNI-7 | Important | Case management | Comply | |
| LMNI-8 | Important | Tickets and Citations | Comply | |
| LMNI-9 | Important | Warrants | Comply | |
| LMNI-10 | Important | Mug shots | Comply | |
| | | | | |
| LMNI-11 | Important | The MNI is accessible from CAD and integrated with names associated with CAD events (at agency discretion). | Comply | |
| LMNI-12 | Important | The system supports a MNI where any events in the system will associate with the master name. | Comply | |
| LMNI-13 | Important | An authorized user is able to expunge names and specific activity related to any individual. | Comply | |
| LMNI-14 | Important | An authorized user is able to expunge names and specific activity related to any record. | Comply | |
| LMNI-15 | Important | The system supports inquiry of the MNI which can use any an all fields of the MN record. | Comply | |
| LMNI-16 | Important | The system supports inquiry of the MNI which can use soundex name substitution. | Comply | |
| Standard soundexing does not provide sufficient capabilities for matching non-Anglo Saxon names . The system provides a method for identifying possible name matches, including but not limited to: | | | | |
| LMNI-17 | Important | Hispanic surnames which may not follow traditional English structures. | Comply | |
| LMNI-18 | Important | Middle Eastern names which may not translate easily into European characters and spelling. | Comply | |
| LMNI-19 | Important | Asian names which may not follow traditional English structures for given names and surnames. | Comply | |
| At a minimum, the system tracks the following data as a part of the MNI: | | | | |
| LMNI-20 | Important | First, middle and last names as individual fields, including hyphenated names | Comply | |
| LMNI-21 | Important | Social Security number (verified) | Comply | |
| LMNI-22 | Important | Date of Birth (verified) | Comply | |
| LMNI-23 | Important | Driver's license number | Comply | |
| LMNI-24 | Important | FBI number | Comply | |
| LMNI-25 | Important | SID | Comply | |
| LMNI-26 | Important | Local ID number | Comply | |
| LMNI-27 | Important | Race | Comply | |
| LMNI-28 | Important | Sex | Comply | |
| LMNI-29 | Important | Height | Comply | |
| LMNI-30 | Important | Weight | Comply | |
| LMNI-31 | Important | Build | Comply | |
| LMNI-32 | Important | Hair color | Comply | |
| LMNI-33 | Important | Hair length | Comply | |
| LMNI-34 | Important | Hair style | Comply | |
| LMNI-35 | Important | Eye color | Comply | |
| LMNI-36 | Important | Complexion | Comply | |
| LMNI-37 | Important | Photo | Comply | |
| LMNI-38 | Important | Scar, Marks and Tattoos (unlimited) | Comply | |
| LMNI-39 | Important | Fingerprint data | Comply | |
| LMNI-40 | Important | Known associates, linked back to MNI | Comply | |
| LMNI-41 | Important | Employer information. | Comply | |
| LMNI-42 | Important | Emergency contact information. | Comply | |
| LMNI-43 | Important | School information. | Comply | |
| LMNI-44 | Important | Chronology of the changes to be tracked for an individual. | Comply | |
| LMNI-45 | Important | Use caution flag | Comply | |
| At a minimum, the system provides a mechanism to allow an unlimited number of versions of the following information to be tracked for each unique individual in the system: | | | | |
| LMNI-46 | Important | Aliases / nicknames, each of which may contain all the above-described identifying information. | Comply | |
| LMNI-47 | Important | Addresses, current and prior, with user-defined types, e.g. home, work. | Comply | |
| LMNI-48 | Important | Telephone numbers, current and prior, with user-defined types, e.g. home, work, cell, pager | Comply | |
| LMNI-49 | Important | E-mail addresses | Comply | |
| LMNI-50 | Important | Alias SSN | Comply | |
| LMNI-51 | Important | Identifying numbers, e.g., SID, FBI, DL | Comply | |
| At a minimum, the system provides the following types to be associated with individuals: | | | | |
| LMNI-52 | Important | Victim | Comply | |
| LMNI-53 | Important | Witness | Comply | |
| LMNI-54 | Important | Suspect | Comply | |
| LMNI-55 | Important | Associate | Comply | |
| LMNI-56 | Important | Relative | Comply | |
| LMNI-57 | Important | Arrestee | Comply | |
| LMNI-58 | Important | Person of Interest | Comply | |
| LMNI-59 | Important | Owner | Comply | |

| | | | | |
|---------|-----------|---|--------|--|
| LMNI-60 | Important | Driver | Comply | |
| LMNI-61 | Mandatory | Passenger | Comply | |
| LMNI-62 | Mandatory | Occupant | Comply | |
| LMNI-63 | Mandatory | Authorized users have the ability to see, in one location, all associations to a person throughout the system | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Master Vehicle Index | Bidder Response | Bidder Comment |
|---|------------|---|-----------------|----------------|
| Law Master Vehicle Index | | | | |
| LMVI-1 | Mandatory | A Master Vehicle Index (MVI) is provided. | Comply | |
| LMVI-2 | Mandatory | Where available, the system allows the import of standardized code tables from external sources, e.g., NENA, FBI. | Comply | |
| At a minimum, the system provides the following data as a part of the MVI: | | | | |
| LMVI-3 | Important | VIN (Validates VIN) | Comply | |
| LMVI-4 | Important | Make | Comply | |
| LMVI-5 | Important | Model | Comply | |
| LMVI-6 | Important | Year of manufacture | Comply | |
| LMVI-7 | Important | Exterior Color (including top / bottom fields) | Comply | |
| LMVI-8 | Important | Interior Color (including top / bottom fields) | Comply | User defined |
| LMVI-9 | Important | Wheel | Comply | User defined |
| LMVI-10 | Important | License plate number | Comply | |
| LMVI-11 | Important | License plate state | Comply | |
| LMVI-12 | Important | State Permit Number | Comply | User defined |
| LMVI-13 | Important | Motor vehicle inspection decal number | Comply | User defined |
| LMVI-14 | Important | Decal expiration date | Comply | User defined |
| LMVI-15 | Important | Owner (associated with an DMV record) | Comply | |
| LMVI-16 | Important | Owner address | Comply | |
| LMVI-17 | Important | Occupant(s) of vehicle | Comply | User defined |
| LMVI-18 | Important | Multiple entries under Occupant(s) | Comply | User defined |
| LMVI-19 | Important | Chronology of changes to be tracked for a vehicle. | Comply | |
| LMVI-20 | Important | The system allows the attachment of standard PC files to any record (e.g., PDF, JPG, WAV) | Comply | |
| LMVI-21 | Important | The MVI is accessible and integrated with all modules where vehicle information is needed/referenced. | Comply | |
| At a minimum, the MVI is integrated with the following activities: | | | | |
| LMVI-22 | Important | Accidents | Comply | |
| LMVI-23 | Important | BOLOs | Comply | |
| LMVI-24 | Important | Impounds | Comply | |
| LMVI-25 | Important | Property | Comply | |
| LMVI-26 | Important | Repossession | Comply | |
| LMVI-27 | Important | Suspect/Victim/Complainant Vehicle | Comply | |
| LMVI-28 | Important | Tickets and Citations | Comply | |
| LMVI-29 | Important | Towing | Comply | |
| LMVI-30 | Important | The system supports inquiry of the MVI which can use any an all fields of the MV record. | Comply | |
| LMVI-31 | Important | The system supports inquiry of the MVI which can use wild card substitution. | Comply | |
| LMVI-32 | Important | The system supports inquiry of the MVI which allows partial tag. | Comply | |
| LMVI-33 | Important | The system supports inquiry of the MVI which allows partial VIN. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Master Location Index | Bidder Response | Bidder Comment |
|----------------------------------|------------|--|-----------------|---|
| Law Master Location Index | | | | |
| LMLI-1 | Mandatory | The system supports a Master Location Index (MLI) which will integrate with CAD. | Comply | |
| LMLI-2 | Mandatory | Where multiple MLI specifications are described in this RFP (e.g., Mobile, LERMS, FRMS, CMS), the system will provide a single Master Location file which encompasses the MLI specifications from each discipline. | Comply | |
| LMLI-3 | Mandatory | The system provides links between MLI and CAD to prior activity and history at addresses that will provide alerts in the CAD System. | Comply | |
| LMLI-4 | Mandatory | On a match between the CAD address and the MLI record, the system will visually alert the user. | Comply | |
| LMLI-5 | Mandatory | The City can determine the type of match causing an alert to be sent to the user. | Does Not Comply | These are pre-programmed based on our user community. |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Crime Analysis | Bidder Response | Bidder Comment |
|---|------------|---|-----------------|----------------|
| Law Crime Analysis | | | | |
| LCrmA-1 | Mandatory | The system will utilize existing data previously entered or transferred into other integrated application modules for use in crime analysis reporting | Comply | |
| At a minimum, the following data will be extracted: | | | | |
| LCrmA-2 | Mandatory | Date of Offense | Comply | |
| LCrmA-3 | Mandatory | Time of Offense | Comply | |
| LCrmA-4 | Mandatory | Location of Offense | Comply | |
| LCrmA-5 | Mandatory | Description of the Premises | Comply | |
| LCrmA-6 | Mandatory | Type of Offense | Comply | |
| LCrmA-7 | Mandatory | Description of Weapons Used | Comply | |
| LCrmA-8 | Important | Description of Tools Used | Comply | |
| LCrmA-9 | Mandatory | Victim Data (Age/Relationship) | Comply | |
| LCrmA-10 | Mandatory | Type of Property Stolen | Comply | |
| LCrmA-11 | Mandatory | Suspect Vehicle Description | Comply | |
| LCrmA-12 | Mandatory | Suspect Description | Comply | |
| LCrmA-13 | Mandatory | M.O. Parameters | Comply | |
| LCrmA-14 | Mandatory | Hard Copy and Map Plotting | Comply | |
| | | | | |
| LCrmA-15 | Mandatory | The system can generate any reports using a report wizard. | Comply | |
| LCrmA-16 | Mandatory | The system is able to retrieve cases with similar crime modus operandi to assist investigators in solving crimes. | Comply | |
| LCrmA-17 | Mandatory | The system is able to identify the overall activity per crime type within a selected date range and reporting district. | Comply | |
| The system can create reports that target specific types of crimes based on the following: | | | | |
| LCrmA-18 | Important | Location (specific address) of Occurrence | Comply | |
| LCrmA-19 | Important | User Selected Crime Type | Comply | |
| LCrmA-20 | Important | Hate Bias Information | Comply | |
| LCrmA-21 | Important | Geographical Groupings of Crimes | Comply | |
| LCrmA-22 | Important | Similar Types of Victims | Comply | |
| LCrmA-23 | Important | Common M.O. of Crime | Comply | |
| LCrmA-24 | Important | Suspect Vehicle Description | Comply | |
| LCrmA-25 | Important | Suspect Physical Description | Comply | |
| LCrmA-26 | Important | Tools Used | Comply | |
| LCrmA-27 | Important | Weapons Used | Comply | |
| LCrmA-28 | Important | Property Targeted for Theft | Comply | |
| LCrmA-29 | Important | Point and Method of Entry | Comply | |
| LCrmA-30 | Important | Scene Category of Crime | Comply | |
| LCrmA-31 | Important | Theft Category of Crime (e.g., shoplifting from buildings, vehicles) | Comply | |
| LCrmA-32 | Important | Crime Attempts | Comply | |
| LCrmA-33 | Mandatory | The system allows the generation of ad hoc reports. | Comply | |
| LCrmA-34 | Mandatory | The system allows data to be sorted based on any field of the report. | Comply | |
| The system can retrieve suspect names based on: | | | | |
| LCrmA-35 | Important | Available photo | Comply | |
| LCrmA-36 | Important | Known Offender Address | Comply | |
| LCrmA-37 | Important | Past Criminal Contacts | Comply | |
| LCrmA-38 | Important | Past Vehicle Relations | Comply | |
| LCrmA-39 | Important | Pawn Transactions | Comply | |
| LCrmA-40 | Important | Weapon Registration | Comply | |
| LCrmA-41 | Important | Known Associates | Comply | |
| The system can retrieve suspect vehicle information based upon: | | | | |
| LCrmA-42 | Mandatory | Model Year of Vehicle | Comply | |
| LCrmA-43 | Mandatory | Make of Vehicle | Comply | |
| LCrmA-44 | Mandatory | Model of Vehicle | Comply | |
| LCrmA-45 | Mandatory | Style of Vehicle | Comply | |
| LCrmA-46 | Mandatory | Top and Bottom Color of Vehicle | Comply | |
| LCrmA-47 | Mandatory | License Plate of Vehicle | Comply | |
| The system can retain information on vehicles obtained through: | | | | |
| LCrmA-48 | Mandatory | Field Interview Reports | Comply | |
| LCrmA-49 | Mandatory | Prior Contacts with the Department | Comply | |
| LCrmA-50 | Mandatory | Arrests | Comply | |
| LCrmA-51 | Mandatory | Complaint Reports | Comply | |
| LCrmA-52 | Mandatory | Citations/Moving Violations | Comply | |
| LCrmA-53 | Mandatory | Accident Reports | Comply | |
| LCrmA-54 | Mandatory | Want and Warrant Records | Comply | |
| LCrmA-55 | Mandatory | Suspect Vehicles Record | Comply | |
| LCrmA-56 | Mandatory | Impounded Vehicles | Comply | |
| LCrmA-57 | Mandatory | The system will retain M.O. characteristics in coded fields. | Comply | |
| LCrmA-58 | Mandatory | The system is able to search for M.O. characteristics selected parameters. | Comply | |
| LCrmA-59 | Mandatory | The system is able to generate reports with M.O. parameters and crime specialties. | Comply | |
| The system will retain information on known offenders, such as: | | | | |
| LCrmA-60 | Mandatory | Past Criminal Contact | Comply | |
| LCrmA-61 | Mandatory | Sex Offenders | Comply | |
| LCrmA-62 | Important | Narcotics Offenders | Comply | |
| LCrmA-63 | Important | Parolees | Comply | |
| LCrmA-64 | Important | Court Probationers | Comply | |
| The system is able to capture and retrieve juvenile information, including: | | | | |
| LCrmA-65 | Important | Juvenile Demographic Information | Comply | |
| LCrmA-66 | Important | Juvenile Personal Characteristics | Comply | |
| LCrmA-67 | Important | Juvenile Guardian Information | Comply | |
| LCrmA-68 | Important | The system is able to capture and retrieve crime analysis information from complaint records when information is included on a juvenile arrest | Comply | |
| LCrmA-69 | Important | The system is able to link related complaints together through associated case numbers. | Comply | |
| LCrmA-70 | Important | The system allows report data to be exported in ASCII, delimited format. | Comply | |

| | | | | |
|----------|-----------|---|--------|--|
| LCrmA-71 | Important | The system allows a report to be converted to PDF format. | Comply | |
| LCrmA-72 | Important | The system provides capability for data to be displayed as GIS spatial data map, e.g., pin-mapping, hot spots | Comply | |
| LCrmA-73 | Important | The system allows report data to be exported to a GIS module. | Comply | |
| LCrmA-74 | Important | The system is able to link related complaints together through associated case numbers. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Career Criminal | Bidder Response | Bidder Comment |
|--|------------|---|-----------------|----------------|
| Law Career Criminal | | | | |
| LCCrm-1 | Important | The system has the ability to create and maintain agency defined categories, e.g., Sex offender, Violent Offender, DUI. | Comply | |
| LCCrm-2 | Important | The system allows an authorized user to determine if an offense is violent vs. non violent. | Comply | |
| LCCrm-3 | Important | The system is able to create agency-defined statuses. | Comply | User defined |
| LCCrm-4 | Important | The system will identify parole/probation agents. | Comply | User defined |
| LCCrm-5 | Important | The system will capture terms and conditions. | Comply | User defined |
| LCCrm-6 | Important | The system will capture complete registrant department history. | Comply | User defined |
| LCCrm-7 | Important | The system will indicate all (unlimited) offenses. | Comply | |
| LCCrm-8 | Important | The system will import and attach a variety of document types to career criminal records. | Comply | |
| LCCrm-9 | Important | The system is able to accept additional comments in free-form narrative format. | Comply | |
| LCCrm-10 | Important | The system is able to automatically create officer warnings throughout system. | Comply | |
| LCCrm-11 | Important | The system displays the photo of the subject within the career criminal record. | Comply | |
| LCCrm-12 | Important | A photo image can be loaded and stored via direct connect with a digital camera. | Comply | |
| The photo image can be uploaded from: | | | | |
| LCCrm-13A | Important | Digital camera | Comply | |
| LCCrm-13B | Important | Computer disk | Comply | |
| LCCrm-13C | Important | TWAIN32-compliant imaging device | Comply | |
| LCCrm-13D | Important | USB drive | Comply | |
| LCCrm-13F | Important | Embedded text message | Comply | |
| LCCrm-14 | Important | The system is able to automatically create system wide alerts on all registrants. | Comply | |
| LCCrm-15 | Important | The is able to generate department-specific reports from any captured fields. | Comply | |
| LCCrm-16 | Important | The system is able to reference all activity of listed registrants. | Comply | |
| LCCrm-17 | Important | The system is able to reference all registrants' department activity. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Gang Tracking | Bidder Response | Bidder Comment |
|---|------------|---|-----------------|------------------|
| Law Gang Tracking | | | | |
| LGang-1 | Important | The system accepts and maintains information about gangs. | Comply | ia the FI module |
| LGang-2 | Important | The system accepts and maintains information about individual gang members. | Comply | |
| LGang-3 | Important | The system tracks gang activity. | Comply | |
| LGang-4 | Important | The system tracks individual gang member activity. | Comply | |
| LGang-5 | Important | The system will alert users to identified gang locations. | Comply | |
| LGang-6 | Important | The system will alert users to identified gang members. | Comply | |
| LGang-7 | Important | The system will alert users to identified gang/gang member vehicles. | Comply | |
| The system accepts and maintains the following gang related information: | | | | |
| LGang-8 | Important | Gang name | Does Not Comply | |
| LGang-9 | Important | Gang type | Does Not Comply | |
| LGang-10 | Important | Location | Comply | |
| LGang-11 | Important | Estimated number of members | Comply | |
| LGang-12 | Important | Alliances/origin | Comply | |
| LGang-13 | Important | Ethnicity | Comply | |
| LGang-14 | Important | Dress/colors | Comply | |
| LGang-15 | Important | Number of sub-groups | Comply | |
| LGang-16 | Important | Reporting district | Comply | |
| LGang-17 | Important | General description (free-from text narrative) | Comply | |
| LGang-18 | Important | Weapons | Comply | |
| LGang-19 | Important | Vehicles | Comply | |
| LGang-20 | Important | Associated gangs | Comply | |
| LGang-21 | Important | The system accepts and tracks gang-related activities. | Comply | |
| The system accepts and maintains records on individual members of a gang, including, at a minimum: | | | | |
| LGang-22 | Important | Start / first contact date | Comply | |
| LGang-23 | Important | Gang relationship | Comply | |
| LGang-24 | Important | Known vehicles | Comply | |
| LGang-25 | Important | The system has the capability of attaching multiple supporting documents o various types to a gang record. | Comply | |
| The system is able to search for gang information using the following | | | | |
| LGang-27 | Important | Gang name | Does Not Comply | |
| LGang-28 | Important | Gang type | Does Not Comply | |
| LGang-29 | Important | Location | Does Not Comply | |
| LGang-30 | Important | Agency system number | Does Not Comply | |
| LGang-31 | Important | Alliance/origin | Does Not Comply | |
| LGang-32 | Important | Ethnicity | Does Not Comply | |
| LGang-33 | Important | Dress/colors | Does Not Comply | |
| LGang-34 | Important | Modus operandi | Does Not Comply | |
| LGang-35 | Important | Gang member | Does Not Comply | |
| LGang-36 | Important | Reporting district | Does Not Comply | |
| LGang-37 | Important | The system will accept and maintain multiple contact numbers associated with gangs. | Does Not Comply | |
| LGang-38 | Important | The system will accept and maintain multiple contact numbers associated with individual gang members. | Comply | |
| LGang-39 | Important | The module must require date, time, code, type and officer name to create an activity record. | Comply | |
| LGang-40 | Important | The system will accept, maintain, and track intelligence records, i.e., information received from various informants about a gang or gang member. | Comply | |
| LGang-41 | Important | The system can evaluate received intelligence. | Does Not Comply | |
| LGang-42 | Important | The system is able to accept, maintain, and track separate records on informants. | Comply | |
| LGang-43 | Important | The system tracks informants by informant code. | Does Not Comply | |
| LGang-44 | Important | The system can generate gang related reports. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Crime Reporting | Bidder Response | Bidder Comment |
|---|------------|--|-----------------|----------------|
| Law Crime Reporting | | | | |
| The system satisfies the physical requirements for automated submission (e.g., electronic file transfer, tape, bulletin board or Internet) to: | | | | |
| LCrmR-1A | Mandatory | The system will provide the ability to submit monthly reports electronically to the Texas Department of Public Safety. | Comply | |
| LCrmR-2 | Mandatory | Texas Uniform Crime Reporting (UCR) including Segment 8 requirements (family violence, sexual assault, drug seizure) | Comply | |
| LCrmR-3 | Mandatory | National Incident Based Reporting System (NIBRS) | Comply | |
| LCrmR-4 | Mandatory | The system has the ability to track additions/modifications/deletions to already submitted data for reporting to the state, as required by State Reporting guidelines. | Comply | |
| LCrmR-5 | Mandatory | The system has the ability to transmit changed and updated records as well as original records within the reported month. | Comply | |
| LCrmR-6 | Mandatory | The system provides the required NIBRS data elements in the appropriate formats. | Comply | |
| LCrmR-7 | Mandatory | The system has the ability to validate UCR and NIBRS information and identify errors prior to submission. | Comply | |
| LCrmR-8 | Mandatory | The system has the ability to edit the monthly NIBRS information and identify errors before submission. | Comply | |
| LCrmR-9 | Mandatory | The system has the ability to update older existing records with revised information. | Comply | |
| LCrmR-10 | Mandatory | The system will provide the ability to submit monthly reports electronically | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Investigations | Bidder Response | Bidder Comment |
|---|------------|--|-----------------|----------------|
| Law Investigations | | | | |
| Basic Capabilities | | | | |
| LInv -1 | Important | The system can track Law Enforcement investigations. | Comply | |
| LInv -2 | Mandatory | The system restricts access to data pertaining to juvenile offenders to authorized users only. | Comply | |
| LInv -3 | Important | The juvenile offenders section within the investigations module has separate security settings. | Comply | |
| LInv -4 | Important | The system supports the ability to create multiple investigation types. | Comply | |
| LInv -5 | Important | The system upholds strict security allowing only authorized user(s) access to investigation records. | Comply | |
| LInv -6 | Important | The system allows the designation of an incident as a potential arson, with ability to record additional fields of associated information. | Comply | |
| LInv -7 | Important | The system is able to secure investigative records to limit individual and group access to individual or multiple records. | Comply | |
| Investigation data includes, but is not limited to: | | | | |
| LInv-8 | Important | Investigator name and ID | Comply | |
| LInv-9 | Important | PD investigator assigned | Comply | |
| LInv-10 | Important | PD case number | Comply | |
| LInv-11 | Important | Date case begun | Comply | |
| LInv-12 | Important | Date case closed | Comply | |
| LInv-13 | Important | Investigation location / address | Comply | |
| LInv-14 | Important | Witness information/statements (unlimited) | Comply | |
| LInv-15 | Important | Victim information/statements (unlimited) | Comply | |
| LInv-16 | Important | Property Occupant | Comply | |
| LInv-17 | Important | Property owner address | Comply | |
| LInv-18 | Important | Who collected evidence | Comply | |
| LInv-19 | Important | Property Type (i.e. evidence, property, sample, etc.) | Comply | |
| LInv-20 | Important | Track Chain-of-Evidence | Comply | |
| LInv-21 | Important | Characteristics of modus operandi | Comply | |
| LInv-22 | Important | Narrative | Comply | |
| LInv-23 | Important | The system is able to attach graphic file(s) to an investigation record (e.g., scene diagram). | Comply | |
| LInv-24 | Important | The system is able to restrict assigned investigator to certain information. | Comply | |
| LInv-25 | Important | The system is able to assign investigator(s) to case. | Comply | |
| LInv-26 | Important | The system is able to relate many incidents to one case. | Comply | |
| LInv-27 | Important | The system is able to attach any Windows-compliant file(s) to an investigation record. | Comply | |
| LInv-28 | Important | The system allows case status to be updated with ongoing activities and notes. | Comply | |
| LInv-29 | Important | The system is able to import, link, or attach initial reports into the investigator record. | Comply | |
| Property and Evidence | | | | |
| The system tracks, at a minimum, the following: | | | | |
| LInv-30 | Important | Report number | Comply | |
| LInv-32 | Important | Sequential property/evidence number | Comply | |
| LInv-34 | Important | Investigator ID - submitting investigator | Comply | |
| LInv-36 | Important | Officer ID - receiving officer | Comply | |
| LInv-38 | Important | Received date | Comply | |
| LInv-40 | Important | Item image | Comply | |
| LInv-42 | Important | Item type (NCIC standard) | Comply | |
| LInv-44 | Important | Item manufacturer | Comply | |
| LInv-46 | Important | Item model | Comply | |
| LInv-48 | Important | Item serial number | Comply | |
| LInv-50 | Important | Item OAN | Comply | |
| LInv-52 | Important | Item value | Comply | |
| LInv-54 | Important | Item location (facility, room, locker, drawer, bin, etc.) | Comply | |
| LInv-56 | Important | Disposition | Comply | |
| LInv-58 | Important | Disposition date | Comply | |
| LInv-60 | Important | Released to | Comply | |
| LInv-62 | Important | Chain of custody information | Comply | |
| LInv-64 | Important | The transfer of custody form is printable for signature. | Comply | |
| LInv-66 | Important | The system supports the use of barcodes for tracking items. | Comply | |
| Investigative Case Management | | | | |
| The system tracks, at a minimum, the following for each case: | | | | |
| LInv-67 | Important | Assigned to | Comply | |
| LInv-68 | Important | Assigned date | Comply | |
| LInv-69 | Important | Status | Comply | |
| LInv-70 | Important | Status date | Comply | |
| LInv-71 | Important | Initial narrative | Comply | |
| LInv-72 | Important | Supplemental narratives (unlimited) | Comply | |
| LInv-73 | Important | Solvability factors | Comply | |
| LInv-74 | Important | Calculated solvability rating | Comply | |
| LInv-75 | Important | Hours of activity | Comply | |
| The system provides case investigation summaries for each detective including at a minimum, the following: | | | | |
| LInv-76 | Important | Number of active cases | Comply | |
| LInv-77 | Important | Case type breakdown | Comply | |
| LInv-78 | Important | Assignment date | Comply | |
| LInv-79 | Important | Activity log | Comply | |
| LInv-80 | Important | An authorized user is able to assign (or reassign) cases to any detective. | Comply | |
| LInv-81 | Important | The system is able to view and print entire case report. | Comply | |
| Computer Aided Investigation (CAI) Requirements | | | | |
| LInv-82 | Mandatory | An authorized user can create an electronic lineup based on user-defined physical characteristics and/or other pertinent information. | Comply | |
| LInv-83 | Mandatory | An authorized user can modify, reorganize and print lineups. | Comply | |

| | | | | |
|---|-----------|---|--------|--|
| LInv-84 | Mandatory | An authorized user can select any single photo of possibly multiple available photos for a single lineup subject. | Comply | |
| An authorized user can locate subjects using a single criterion or multiple criteria, including, but not limited to: | | | | |
| LInv-85 | Important | Physical characteristics | Comply | |
| LInv-86 | Important | Fingerprints | Comply | |
| LInv-87 | Important | Charges | Comply | |
| LInv-88 | Important | Scars | Comply | |
| LInv-89 | Important | Marks | Comply | |
| LInv-90 | Important | Tattoos | Comply | |
| LInv-91 | Important | MO | Comply | |
| LInv-92 | Important | Handicaps | Comply | |
| LInv-93 | Important | An authorized user is able create random lineups of subjects drawn from search results. | Comply | |
| LInv-94 | Important | Searches can be limited to a single jurisdiction or search all jurisdictions. | Comply | |
| LInv-95 | Important | Searches include master names and businesses. | Comply | |
| The system can generate a crime analysis report based on user-defined report criteria, such as, but not limited to: | | | | |
| LInv-96 | Important | Specific criminal activity | Comply | |
| LInv-97 | Important | Offenses | Comply | |
| LInv-98 | Important | MO | Comply | |
| LInv-99 | Important | Entry / exit methods | Comply | |
| LInv-100 | Important | Evidence collected | Comply | |
| LInv-101 | Important | Location / scene | Comply | |
| LInv-102 | Important | Hate / bias | Comply | |
| LInv-103 | Important | Weapon used | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Case Entry | Bidder Response | Bidder Comment |
|-----------------------|------------|---|-----------------|----------------|
| Law Case Entry | | | | |
| LCseP-1 | Mandatory | The system will apply user security to case entry, search and all incident related reports. | Comply | |
| LCseP-2 | Mandatory | The system can pull data from an existing incident record. | Comply | |
| | | The system links the case to: | | |
| LCseP-3 | Mandatory | CAD incident | Comply | |
| LCseP-4 | Mandatory | Master name index | Comply | |
| LCseP-5 | Mandatory | Arrest data | Comply | |
| LCseP-6 | Mandatory | Property data | Comply | |
| LCseP-7 | Mandatory | The system is able to accept entry of supplemental reports. | Comply | |
| LCseP-8 | Mandatory | The system is able to index case records by case number, which may be the same as the originating incident number | Comply | |
| LCseP-9 | Mandatory | The system is able to accept and maintain case records on any type of incident or criminal activity. | Comply | |
| LCseP-10 | Mandatory | The system tracks multiple crimes within a single master case record. | Comply | |
| LCseP-11 | Mandatory | When name related information is entered into the module, it is updated in the master name file in RMS. | Comply | |
| LCseP-12 | Mandatory | The system will cross-reference and link multiple related offenses to a specific case record via its case number. | Comply | |
| LCseP-13 | Mandatory | The system will create a case record upon entry of the crime report data. | Comply | |
| LCseP-14 | Mandatory | The system allows the generation of year-based case numbers. | Comply | |
| LCseP-15 | Mandatory | The system has the ability to correct previously entered incident data in the case data entry screen. | Comply | |
| | | The system will accept and maintain the following case record data elements: | | |
| LCseP-16 | Mandatory | Occurred Location | Comply | |
| LCseP-17 | Mandatory | Hate Bias Information | Comply | |
| LCseP-18 | Mandatory | Criminal Activity | Comply | |
| LCseP-19 | Mandatory | Entry and Exit Methods/Points | Comply | |
| LCseP-20 | Mandatory | Date/Time of Occurrence | Comply | |
| LCseP-21 | Mandatory | Date of Reported Occurrence | Comply | |
| LCseP-22 | Mandatory | Multiple Crime/Offense Codes | Comply | |
| LCseP-23 | Mandatory | Type of Arson Reported | Comply | |
| LCseP-24 | Mandatory | Type of Theft Reported | Comply | |
| LCseP-25 | Mandatory | Status of the Complaint | Comply | |
| LCseP-26 | Mandatory | Disposition/Date of the Complaint | Comply | |
| LCseP-27 | Mandatory | Multiple MOs of the Crime | Comply | |
| LCseP-28 | Mandatory | Attempted Crime | Comply | |
| LCseP-29 | Mandatory | Type of Weapon | Comply | |
| LCseP-30 | Important | Type of Tool | Comply | |
| LCseP-31 | Important | Codes for the Type of Scene of the Crime | Comply | |
| LCseP-32 | Important | Officer's Bureau Assignment | Comply | |
| LCseP-33 | Mandatory | Type of Stolen/Recovered Vehicle | Comply | |
| LCseP-34 | Mandatory | Estimated Dollar Amount of Property Involved | Comply | |
| LCseP-35 | Mandatory | Property Involved | Comply | |
| LCseP-36 | Mandatory | Solvability Factors Associated with Complaint | Comply | |
| LCseP-37 | Mandatory | The system will accept and maintain detailed information about all offenses associated with a case. | Comply | |
| LCseP-38 | Mandatory | The system will accept and maintain detailed information about all subjects associated with a case (e.g., arrested adults, juveniles, witnesses, complainants, missing persons, reporting party, victims) | Comply | |
| LCseP-39 | Mandatory | The system will accept and maintain information about all arrests associated with a case. | Comply | |
| LCseP-40 | Mandatory | The system will accept and maintain information about all property associated with a case. | Comply | |
| LCseP-41 | Mandatory | The system will accept and maintain information about all field investigations associated with a case. | Comply | |
| LCseP-42 | Mandatory | The system will automatically link all information from a field investigation record to the original complaint report | Comply | |
| LCseP-43 | Mandatory | The system will accept and maintain information about all vehicles associated with a case. | Comply | |
| LCseP-44 | Mandatory | The system supports unlimited narrative input and editing capabilities for the original complaint report. | Comply | |
| LCseP-45 | Mandatory | The system supports unlimited narrative input and edition capabilities for any type of supplemental report. | Comply | |
| LCseP-46 | Mandatory | The system will capture crime analysis related information during case processing. | Comply | |
| LCseP-47 | Mandatory | The system has the ability to expunge a subject from a case record. | Comply | |
| LCseP-48 | Mandatory | Information from an incident record is automatically pulled into an associated case record to eliminate the need to enter the same data twice. | Comply | |
| LCseP-49 | Mandatory | The system is able print hard copies of case records and supplemental reports, depending on security. | Comply | |
| LCseP-50 | Mandatory | The system is able to print a sanitized version of a case record for public use. | Comply | |
| LCseP-51 | Mandatory | All entry information can be built into a report, which will plot on a map or generate a printable report. | Comply | |
| LCseP-52 | Mandatory | The system has the ability to generate multiple case related reports for statistical crime analysis. | Comply | |
| LCseP-53 | Mandatory | The system supports unlimited narrative input and editing capabilities for the original complaint report. | Comply | |
| LCseP-54 | Mandatory | The system is able to attach multiple supporting documents of various types (e.g. Word, Excel, JPG, MPG, WAV) to a case record. | Comply | |
| LCseP-55 | Mandatory | The system is able to attach contact information for associated people to the case relative to social media usage (email, Facebook, Instagram, etc.). | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Case Management | Bidder Response | Bidder Comment |
|--|------------|--|-----------------|----------------|
| Law Case Management | | | | |
| LCseM-1 | Mandatory | The system maintains a database of current cases and case status. | Comply | |
| LCseM-2 | Mandatory | The system is able to use the module as a supervisory tool. | Comply | |
| LCseM-3 | Mandatory | The system allows an authorized user to assign or reassign officers to cases. | Comply | |
| LCseM-4 | Mandatory | The system provides edit check capabilities to ensure each case meets all entry requirements as defined by the agency | Comply | |
| Items checked, at a minimum: | | | | |
| LCseM-5 | Mandatory | Subject information | Comply | |
| LCseM-6 | Mandatory | Property information | Comply | |
| LCseM-7 | Mandatory | Arrest information | Comply | |
| LCseM-8 | Mandatory | The system will notify the user what edit check items are not met. | Comply | |
| LCseM-9 | Mandatory | At a minimum, the edit check items will meet the minimum requirements for submission to the State and Federal authorities, such as NIBRS or UCR data elements. | Comply | |
| LCseM-10 | Mandatory | The system allows an authorized user to assign case activities to officers. | Comply | |
| LCseM-11 | Mandatory | The system allows an authorized user to assign case activities to officers. | Comply | |
| LCseM-12 | Mandatory | The system can accept and maintain solvability factors. | Comply | |
| LCseM-13 | Mandatory | The system allows a view of case status history. | Comply | |
| LCseM-14 | Mandatory | The system allows a view of case disposition history. | Comply | |
| LCseM-15 | Mandatory | The system is able to generate a breakdown statistical reports. | Comply | |
| LCseM-16 | Mandatory | The system tracks assigned and unassigned cases | Comply | |
| Case Activity shall include, but not be limited to: | | | | |
| LCseM-17 | Mandatory | Assigned Officer or Investigator | Comply | |
| LCseM-18 | Mandatory | Date of report, date of incident, case number | Comply | |
| LCseM-19 | Mandatory | Assigned bureau | Comply | |
| LCseM-20 | Mandatory | Activity type | Comply | |
| LCseM-21 | Important | Activity officer | Comply | |
| LCseM-22 | Mandatory | Status | Comply | |
| LCseM-23 | Important | Free text fields for narrative | Comply | |
| LCseM-24 | Mandatory | The system provides case load reports by officer, supervisor, case status and activities. | Comply | |
| LCseM-25 | Mandatory | The system can enable automatic e-mail notifications to appropriate personnel whenever a case is updated or a report is added to a case. | Comply | |
| LCseM-26 | Mandatory | The system allows for expungement of cases based upon user defined criteria. | Comply | |
| LCseM-27 | Mandatory | The system allows for locking and archiving of cases once the case has been adjudicated, never to be modified again. | Comply | |
| LCseM-28 | Mandatory | The system allows for user configurable status of cases which trigger locking of the case for editing. (ex: filed case with DA, locked and no further edits) | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Narcotics | Bidder Response | Bidder Comment |
|---|------------|--|-----------------|----------------|
| Law Narcotics | | | | |
| LNarc-1 | Important | An authorized user has the ability to create and maintain agency-defined investigation types. | Comply | |
| LNarc-2 | Important | An authorized user has the ability to create agency-defined investigation statuses. | Comply | |
| LNarc-3 | Important | Investigation records are tied to a location and provide full access to location history. | Comply | |
| LNarc-4 | Important | The system is able to tie an investigation to a case number and case ORI. | Comply | |
| LNarc-5 | Important | The system manages associated assignments within the investigation record. | Comply | |
| LNarc-6 | Important | The system tracks all investigation activities within the investigation record. | Comply | |
| LNarc-7 | Important | The system is able to tie to associated intelligence records and other investigation numbers. | Comply | |
| LNarc-9 | Important | The system is able to track subject activities. | Comply | |
| LNarc-10 | Important | The system is able to tie an unlimited number of confidential informants to an investigation record. | Comply | |
| LNarc-11 | Important | The system is able to track an unlimited number of associated vehicles. | Comply | |
| LNarc-12 | Important | The system tracks all charges (pending or otherwise) associated with an investigation. | Comply | |
| LNarc-13 | Important | The system tracks court information associated with a charge. | Comply | |
| LNarc-14 | Important | The system tracks all drug buys, i.e., narcotics purchased during the course of the investigation. | Comply | |
| LNarc-15 | Important | The system tracks all drug purchasing locations. | Comply | |
| LNarc-16 | Important | The system tracks all monies used in drug buys. | Comply | |
| LNarc-17 | Important | The system tracks all charges associated with a particular drug buy. | Comply | |
| LNarc-18 | Important | The system documents all laboratory results tied to a drug buy. | Comply | |
| LNarc-19 | Important | The system tracks property associated with the investigation. | Comply | |
| LNarc-20 | Important | An authorized user can attach unlimited supporting documents of various types to an investigation record. | Comply | |
| LNarc-21 | Important | An authorized user is able to determine numbering system for investigation records, including optional auto-incrementing. | Comply | |
| LNarc-22 | Important | The system is able to generate a variety of narcotics related reports to facilitate statistical analysis. | Comply | |
| LNarc-23 | Important | An authorized user is able to create, maintain and track intelligence records associated with narcotics investigations. | Comply | |
| LNarc-24 | Important | The system is able to tie a confidential informant to an intelligence record. | Comply | |
| LNarc-25 | Important | The system can secure intelligence records and make them accessible to only those users with the proper Narcotics Management security permissions. | Comply | |
| LNarc-26 | Important | The system has the capability for entry and maintenance of information about intelligence related payments. | Does Not Comply | |
| The system has the capability to tie intelligence to and define roles for the following: | | | | |
| LNarc-27 | Important | Person | Comply | |
| LNarc-28 | Important | Location | Comply | |
| LNarc-29 | Important | Vehicle | Comply | |
| LNarc-30 | Important | Ensuing investigation | Comply | |
| LNarc-31 | Important | An authorized user can attach unlimited supporting documents of various types to an intelligence record. | Comply | |
| LNarc-32 | Important | The system has the capability to create, maintain and track separate records about confidential informants. | Comply | |
| LNarc-33 | Important | The system has the capability to track all confidential informant activities. | Comply | Events |
| LNarc-34 | Important | The system has the capability to document current confidential informant status. | Does Not Comply | |
| LNarc-35 | Important | The system has the capability to document and track confidential informant reliability. | Comply | Events |
| LNarc-36 | Important | The system has the capability to track all monies paid to a confidential informant. | Comply | Events |
| LNarc-37 | Important | The system has the capability to attach multiple supporting documents of various types to a confidential informant record. | Comply | |
| LNarc-38 | Important | The system is able to track all narcotics-related funds and transactions. | Comply | Events |
| LNarc-39 | Important | The system is able to set user security permissions for all narcotics applications and reports. | Comply | |
| LNarc-40 | Important | The system is able to share department-specific and designed information. | Comply | |
| LNarc-41 | Important | The system is able to generate a variety of narcotics related reports to facilitate statistical analysis. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Lineup / Mug Shot | Bidder Response | Bidder Comment |
|---|------------|--|-----------------|------------------|
| Law Lineup / Mug Shot | | | | |
| The image can be uploaded and stored from: | | | | |
| LMug-1 | Mandatory | Direct connect with a digital camera | Comply | |
| LMug-2 | Mandatory | Computer hard drive | Comply | |
| LMug-3 | Mandatory | TWAIN32-compliant imaging device | Comply | |
| LMug-4 | Mandatory | USB drive | Comply | |
| LMug-5 | Important | Other RMS modules | Comply | |
| LMug-6 | Mandatory | The Lineup / Mug Shot module is able to create photo lineups based on selectec personal characteristics ranges as determined by the user | Comply | |
| LMug-7 | Mandatory | The system provided the ability to save a photo lineup. | Comply | As an attachment |
| LMug-8 | Mandatory | The photo lineup can be attached to an incident record. | Comply | |
| LMug-9 | Important | The system has the ability to store name information with each saved lineup image that originates from outside the RMS | Does Not Comply | |
| LMug-10 | Mandatory | The system has the ability to interface with LiveScan. | Comply | |
| LMug-11 | Mandatory | The system has the ability to interface with AFIX Tracker. | Does Not Comply | |
| LMug-12 | Mandatory | The system has the ability to print a lineup record to a hard copy. | Comply | |
| LMug-13 | Important | The system has the ability to lock a lineup record for use in an investigation. | Does Not Comply | |
| LMug-14 | Mandatory | The system can build a six image lineup. | Comply | |
| LMug-15 | Mandatory | The system can build an eight image lineup. | Comply | |
| LMug-16 | Important | RMS should duplicate the TxDOT CRASH system on error reporting in submitted accident reports. | Does Not Comply | |
| LMug-17 | Important | The Lineup / Mugshot module does not allow multiple pictures of the same individual (historic photos) to be entered into a lineup. | Comply | |
| LMug-18 | Important | The Lineup / Mugshot lineup utility enables a user to enter multiple search criteria at the same time, rather than only enabling them to search one field at a time. | Comply | |
| LMug-19 | Mandatory | The Lineup / Mugshot lineup utility fills the lineup with a randomly selected set o photos from the search, user-selected photos, or a combination of random and user selected. | Comply | |
| LMug-20 | Mandatory | The Lineup / Mugshot lineup utility allows the user to ensure a specific photo is included in the lineup. | Comply | |
| LMug-21 | Important | The system provides an Advanced Search function within the search screen for this module. The Advanced Search function provides the ability to search on additional fields within the module's core screen. | Comply | |
| The Advanced Search feature provides the ability to search on: | | | | |
| LMug-22 | Important | Partial information | Comply | |
| LMug-23 | Important | Ranges | Comply | |
| LMug-24 | Important | Contents | Comply | |
| LMug-25 | Important | Null values | Does Not Comply | |
| LMug-26 | Important | Not-null values | Comply | |
| LMug-27 | Important | Like values | Comply | |
| LMug-28 | Important | Greater than | Does Not Comply | |
| LMug-29 | Important | Less than | Does Not Comply | |
| LMug-30 | Important | Equal to | Comply | |
| LMug-31 | Important | The search criteria includes: the description of the Lineup record; a range of dates; an Incident record to which the Lineup record is attached; created by and/o updated by. | Comply | |
| LMug-32 | Important | The user is capable of flagging a Master Name and image from being displayed in the Lineup Search by selecting a remove image feature. The name and the image are no longer provided as an option for the search return of available candidates. | Comply | |
| LMug-33 | Important | The system attaches associated documents to the booking record. | Comply | |
| LMug-34 | Important | When creating a new record, the module automatically checks the database for an existing record to eliminate duplicates | Comply | |
| LMug-35 | Important | The system tracks an inmate's booking history. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Property and Evidence | Bidder Response | Bidder Comment |
|--|------------|---|-----------------|----------------|
| Law Property Processing | | | | |
| LProp-1 | Important | The Property Processing module is associated with all other modules of the system involving the reporting, custody and analysis of property | Comply | |
| The system is able to enter and maintain the following property data: | | | | |
| LProp-2 | Mandatory | Item Number | Comply | |
| LProp-3 | Mandatory | Piece Number | Does Not Comply | |
| LProp-4 | Mandatory | Serial Number | Comply | |
| LProp-5 | Mandatory | Associated case number | Comply | |
| LProp-6 | Mandatory | Officer of initial custody | Comply | |
| LProp-7 | Mandatory | Property Tag Number | Comply | |
| LProp-8 | Mandatory | Owner Applied Number | Comply | |
| LProp-9 | Mandatory | Storage Location | Comply | |
| LProp-10 | Mandatory | Quantity | Comply | |
| LProp-11 | Mandatory | Value – Nearest Dollar | Comply | |
| LProp-12 | Mandatory | Property Owner | Comply | |
| LProp-13 | Mandatory | Date Property Received | Comply | |
| LProp-14 | Mandatory | Item Category (guns, tools, vehicles, bicycles) | Comply | |
| LProp-15 | Mandatory | Lab Report Cross-Reference | Comply | |
| LProp-16 | Mandatory | Date of Disposal/Release | Comply | |
| LProp-17 | Mandatory | Date Scheduled for Disposal | Comply | |
| LProp-18 | Mandatory | Item Class (UCR) | Comply | |
| LProp-19 | Mandatory | Free-form Descriptions | Comply | |
| LProp-20 | Mandatory | Color | Comply | |
| LProp-21 | Mandatory | Recovered for other Jurisdiction Flag | Comply | |
| The system is able to enter and maintain the following additional elements for firearms: | | | | |
| LProp-22 | Mandatory | Firearm Type | Comply | |
| LProp-23 | Mandatory | Action (automatic, bolt action, carbine, pump) | Comply | |
| LProp-24 | Mandatory | Caliber | Comply | |
| LProp-25 | Important | Shot Capacity | Comply | |
| LProp-26 | Important | Barrel Length | Comply | |
| LProp-27 | Important | Finish | Comply | |
| LProp-28 | Mandatory | Make/Model | Comply | |
| LProp-29 | Mandatory | Firearm serial number | Comply | |
| LProp-30 | Important | Condition | Comply | |
| LProp-31 | Important | Year Made | Comply | |
| The system is able to enter and maintain the following additional elements for boats: | | | | |
| LProp-32 | Mandatory | Boat Name | Comply | |
| LProp-33 | Mandatory | Hull Shape | Comply | |
| LProp-34 | Mandatory | Hull Material | Comply | |
| LProp-35 | Mandatory | Propulsion | Comply | |
| LProp-36 | Mandatory | Boat Length | Comply | |
| The system is able to enter and maintain the following additional elements for vehicles: | | | | |
| LProp-37 | Mandatory | Vehicle Type | Comply | |
| LProp-38 | Mandatory | Color (top, bottom, interior) | Comply | |
| LProp-39 | Mandatory | Vehicle Make | Comply | |
| LProp-40 | Mandatory | Model | Comply | |
| LProp-41 | Mandatory | License Plate/VIN | Comply | |
| LProp-42 | Mandatory | License plate year | Comply | |
| The system is able to enter and maintain the following information for bicycles: | | | | |
| LProp-43 | Mandatory | Bicycle Make | Comply | |
| LProp-44 | Mandatory | Model | Comply | |
| LProp-45 | Mandatory | Serial Number | Comply | |
| LProp-46 | Important | Wheel Size | Comply | |
| LProp-47 | Important | Frame Size | Comply | |
| LProp-48 | Mandatory | Speed | Comply | |
| LProp-49 | Mandatory | Color | Comply | |
| LProp-50 | Mandatory | The system can tie a property item to a case. | Comply | |
| Law Property Room | | | | |
| LProp-51 | Mandatory | The system tracks items from reception to disposal. | Comply | |
| LProp-52 | Mandatory | The system maintains complete evidence tracking (chain of custody) audit trail of property until final disposition of the item | Comply | |
| Additional chain of custody information will be maintained for each property item each time the item is moved or changes custody: | | | | |
| LProp-53 | Mandatory | Current officer responsible for custody | Comply | |
| LProp-54 | Mandatory | Property location | Comply | |
| LProp-55 | Mandatory | Date / time of custody record update | Comply | |
| LProp-56 | Mandatory | The system maintains complete evidence tracking (chain of custody) audit trail of property until final disposition of the item | Comply | |
| LProp-57 | Mandatory | The system maintains details of all evidence retained in the property room for an indefinite amount of time. | Comply | |
| LProp-58 | Mandatory | The system maintains a disposition status for all evidence items after each item has been released. | Comply | |
| LProp-59 | Mandatory | The system maintains lab reports on fingerprint tests, results of drug test, and DNA test results. | Comply | |
| LProp-60 | Mandatory | An operator can enter and maintain information about the individual or organization to which the property was released | Comply | |
| LProp-61 | Mandatory | An operator can print an evidence inventory report by case number. | Comply | |
| LProp-62 | Mandatory | An operator can print a property disposition report for all disposed items. | Comply | |

| | | | | |
|---|-----------|---|-----------------|--|
| LProp-63 | Mandatory | An operator can generate a report of property scheduled to be disposed. | Comply | |
| LProp-64 | Mandatory | An operator can print a property purge reminder list of items to be released within a user-selected date range. | Comply | |
| LProp-65 | Important | An operator can print a separate report of all pawned item transactions within a specified date range. | Comply | |
| LProp-66 | Mandatory | An operator can print a report displaying all items of property/evidence pertaining to a single report. | Comply | |
| LProp-67 | Important | The system restricts inquiry access to property/evidence records based on passwords. | Comply | |
| LProp-68 | Important | At the time of entry, the system compares property records with previously entered property records (i.e., pawned, impounded, stolen, etc.). | Comply | |
| The system allows users to search for property based on the following search criteria: | | | | |
| LProp-69 | Mandatory | Serial Number | Comply | |
| LProp-70 | Mandatory | Owner's Name | Comply | |
| LProp-71 | Mandatory | Tag Number | Comply | |
| LProp-72 | Mandatory | Case Number | Comply | |
| LProp-73 | Mandatory | Owner Applied Number | Comply | |
| LProp-74 | Mandatory | Make/Brand Name | Comply | |
| LProp-75 | Mandatory | Property Type/Kind | Comply | |
| LProp-76 | Mandatory | UCR/IBR Property Class | Comply | |
| LProp-77 | Mandatory | Storage Location | Comply | |
| LProp-78 | Mandatory | Vehicle Identification Number | Comply | |
| An operator can print barcodes for the following: | | | | |
| LProp-79 | Mandatory | ORI | Comply | |
| LProp-80 | Mandatory | Officer | Comply | |
| LProp-81 | Mandatory | Disposition | Comply | |
| LProp-82 | Mandatory | Receiving and Release Status | Comply | |
| LProp-83 | Mandatory | Locations | Comply | |
| LProp-84 | Mandatory | An operator can print location labels by specific location or range. | Comply | |
| LProp-85 | Mandatory | An authorized user can set agency-defined label height, width and font size. | Comply | |
| LProp-86 | Mandatory | The system can print labels individually. | Comply | |
| LProp-87 | Mandatory | The system can automatically generate tag numbers. | Comply | |
| LProp-88 | Mandatory | The system can automatically enter a transaction when a tag is scanned. | Comply | |
| LProp-89 | Mandatory | The system allows multiple users to access the module concurrently. | Comply | |
| The system tracks seizure/civil forfeiture: vehicles, money, property, | | | | |
| Lprop-90 | Mandatory | The system tracks seizure/civil forfeiture: vehicles, money, and property | Comply | |
| LProp-91 | Mandatory | Vehicles | Comply | |
| Lprop-92 | Mandatory | Money | Comply | |
| Lprop-93 | Mandatory | Property | Comply | |
| Lprop-94 | Mandatory | The system automatically generates a letter to the registered owner on 11th day after impounding; with exceptions configurable by agency (hold placed on vehicle) | Does Not Comply | |
| Lprop-95 | Mandatory | The system notifies agency defined personnel of holds on vehicles on a 10-day notification schedule. | Does Not Comply | |
| Lprop-96 | Mandatory | The system will allow agency configurable timeframes for notifications and vehicle hold process. | Does Not Comply | |
| Laboratory Tracking | | | | |
| The ability to track lab information on evidence submitted to labs including: | | | | |
| Lprop-97 | Mandatory | Chain of custody | Comply | |
| Lprop-98 | Mandatory | Laboratory name | Comply | |
| Lprop-99 | Mandatory | Laboratory item number (assigned by lab) | Comply | |
| Lprop-100 | Mandatory | Date submitted | Comply | |
| Lprop-101 | Mandatory | Date returned | Comply | |
| Lprop-102 | Mandatory | Results or findings | Comply | |
| Lprop-103 | Mandatory | Status | Comply | |
| Lprop-104 | Mandatory | Status date | Comply | |
| Lprop-105 | Mandatory | Attached narrative and other digital attachments (e.g. Word docs, PDFs, images, etc. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Impounded Vehicle | Bidder Response | Bidder Comment |
|--|------------|---|-----------------|----------------|
| Law Impounded Vehicle Processing | | | | |
| An authorized users is able to enter and maintain the details of an impounded vehicle, including the following general information: | | | | |
| LImpV-1 | Important | Impound Date/Time | Comply | |
| LImpV-2 | Important | Location Impounded From | Comply | |
| LImpV-3 | Important | Impound Lot | Comply | |
| LImpV-4 | Important | Reason for Impounding | Comply | |
| LImpV-5 | Important | Place of Storage | Comply | |
| LImpV-6 | Important | Towing Service | Comply | |
| LImpV-7 | Important | Vehicle Information (e.g., make, model, color) | Comply | |
| LImpV-8 | Important | Vehicle Contents | Comply | |
| LImpV-9 | Important | An authorized user can enter owner information based on master name file selection. | Does Not Comply | |
| LImpV-10 | Important | The system indicates owner notification date/time. | Comply | |
| LImpV-11 | Important | The system accepts and maintains disposition information. | Comply | |
| LImpV-12 | Important | The system accepts and maintains vehicle release information. | Comply | |
| LImpV-13 | Mandatory | The system accepts and maintains associated incident, case, arrest, warrant, and booking information. | Comply | |
| LImpV-14 | Mandatory | The system tracks associated fees. | Does Not Comply | |
| LImpV-15 | Mandatory | The system has the capability of attaching multiple supporting documents o various types to an impounded vehicle record. | Comply | |
| LImpV-16 | Important | The system notifies agency defined personnel of holds on vehicles on a 10-day notification schedule. | Does Not Comply | |
| LImpV-17 | Important | The system, when the responsible personnel release vehicle holds, will begin auto generated letter to registered owner process. | Does Not Comply | |
| LImpV-18 | Important | The system will allow agency configurable timeframes for notifications and vehicle hold process. | Does Not Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Warrants | Bidders Response | Bidder Comment |
|---|------------|---|------------------|----------------|
| Law Wants and Warrants | | | | |
| The system has the ability to enter and maintain detailed information about want and warrant records, including (but not limited to) the following data elements: | | | | |
| LWant-1 | Important | File Transaction Number | Comply | |
| LWant-2 | Mandatory | Court Warrant Number | Comply | |
| LWant-3 | Mandatory | Court Case Number | Comply | |
| LWant-4 | Important | Wanted Number | Comply | |
| LWant-5 | Mandatory | Subject name | Comply | |
| LWant-6 | Mandatory | Subject address | Comply | |
| LWant-7 | Mandatory | Subject DOB | Comply | |
| LWant-8 | Mandatory | Subject Driver's License number | Comply | |
| LWant-9 | Mandatory | Subject telephone number(s) | Comply | |
| LWant-10 | Mandatory | Subject Social Security Number | Comply | |
| LWant-11 | Mandatory | Subject vehicle make / model / color | Comply | |
| LWant-12 | Important | Subject vehicle license plate / state / year | Comply | |
| LWant-13 | Mandatory | Issuing Court | Comply | |
| LWant-14 | Important | Issuing Judge | Comply | |
| LWant-15 | Mandatory | Charges | Comply | |
| LWant-16 | Mandatory | Bond amount | Comply | |
| LWant-17 | Important | Status History | Comply | |
| LWant-18 | Important | Activity | Comply | |
| LWant-19 | Important | Distance of Pickup | Comply | |
| LWant-20 | Mandatory | Warning Remarks | Comply | |
| LWant-21 | Mandatory | Background, if Applicable | Comply | |
| LWant-22 | Important | Area/Section within Warrant Venue | Comply | |
| LWant-23 | Important | Reason for Change on Warrant, if applies | Comply | |
| LWant-24 | Mandatory | The system displays the photo of the subject within the want/warrant record. | Comply | |
| LWant-25 | Mandatory | A photo image can be loaded and stored via direct connect with a digital camera. | Comply | |
| The photo image can be uploaded from: | | | | |
| LWant-26 | Mandatory | Digital camera | Comply | |
| LWant-27 | Mandatory | Computer disk | Comply | |
| LWant-28 | Mandatory | TWAIN32-compliant imaging device | Comply | |
| LWant-29 | Mandatory | USB drive | Comply | |
| LWant-30 | Mandatory | Embedded email | Comply | |
| LWant-31 | Mandatory | Embedded text message | Comply | |
| LWant-32 | Mandatory | The system will interface with the Tyler Technologies Incode municipal court software | Does Not Comply | |
| LWant-33 | Mandatory | The system can display an alert whenever the name of a subject with an outstanding warrant is entered anywhere in the system. | Comply | |
| LWant-34 | Mandatory | Authorized users are able to update the status of a warrant record whenever necessary. | Comply | |
| LWant-35 | Important | The system is able to assign warrant transaction numbers manually or automatically via an optional auto-incrementing feature. | Comply | |
| LWant-36 | Important | A printed report can be generated displaying a log of all warrants within a specified date range. | Comply | |
| LWant-37 | Important | Authorized users have the ability to cancel outstanding warrant records. Authorization is based on user security profiles (ID, password, security permissions). | Comply | |
| Outstanding warrants may be cancelled for the following reasons: | | | | |
| LWant-38 | Mandatory | Recalled by Court | Comply | |
| LWant-39 | Mandatory | Served on the Person | Comply | |
| LWant-40 | Mandatory | Cleared of the Charge | Comply | |
| LWant-41 | Important | Beyond Statutory Limits | Comply | |
| LWant-42 | Important | Records on canceled warrants can be maintained for an unlimited amount of time. | Comply | |
| LWant-43 | Mandatory | Records on canceled warrants include reason for cancellation and date of cancellation. | Comply | |
| LWant-44 | Mandatory | In CAD, warrants are automatically searched based on the entry of matching name and/or matching address. | Comply | |
| LWant-45 | Mandatory | In CAD, when warrants are automatically searched based on the entry of matching name and/or matching address, a resulting match on either of these search criteria will display a message for the user. | Comply | |
| LWant-46 | Mandatory | A printed report can be generated that lists all canceled warrants within a specified date range. | Comply | |
| LWant-47 | Mandatory | A printed warrant summary report can be generated that lists all warrant types and totals within a specified date range. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Booking | Bidder Response | Bidder Comment |
|--|------------|---|-----------------|----------------|
| Law Booking | | | | |
| LBook-1 | Mandatory | The system tracks and maintains a complete history of and up-to-date log about each inmate. | Comply | |
| LBook-2 | Mandatory | When creating a new record, the module automatically checks the database for an existing record to eliminate duplicates. | Comply | |
| LBook-3 | Mandatory | The system accepts, maintains and tracks required details about a booking/incarceration. | Comply | |
| LBook-4 | Mandatory | The system accepts, maintains and tracks required details about personal property collected during the booking process. | Comply | |
| LBook-5 | Mandatory | The system accepts, maintains and tracks fingerprint data elements for the inmate. | Comply | |
| LBook-6 | Mandatory | The system is capable of integrating with MorphoTrust and AFIX for the submission of fingerprint data elements to the Texas Dept. of Public Safety. | Does Not Comply | |
| LBook-7 | Mandatory | The system is capable of exporting the fingerprint data elements to Federal authorities, e.g., FBI. | Comply | |
| The booking record displays the following prisoner information: | | | | |
| LBook-8 | Mandatory | Name | Comply | |
| LBook-9 | Mandatory | Date of birth | Comply | |
| LBook-10 | Mandatory | Physical description | Comply | |
| LBook-11 | Mandatory | Charges | Comply | |
| LBook-12 | Mandatory | Housing location | Comply | |
| LBook-13 | Mandatory | Photo or mugshot | Comply | |
| LBook-14 | Mandatory | A photo image can be loaded and stored via direct connect with a digital camera. | Comply | |
| The photo image can be uploaded from: | | | | |
| LBook-15 | Mandatory | Digital camera | Comply | |
| LBook-16 | Mandatory | Computer disk | Comply | |
| LBook-17 | Mandatory | USB drive | Comply | |
| LBook-18 | Mandatory | Embedded email | Comply | |
| LBook-19 | Mandatory | Embedded text message | Comply | |
| LBook-20 | Mandatory | While active in the Booking module, authorized users have access to information, such as arrest details, prior records, and warrants. | Comply | |
| LBook-21 | Mandatory | Data captured in the Arrest module can be uploaded to the Booking module to eliminate redundant entry. | Comply | |
| LBook-22 | Mandatory | The system accepts and maintains the names of the individuals who brought the subject in, as well as their associated ORI. | Comply | |
| LBook-23 | Mandatory | The system records and maintains unlimited booking related procedures and procedure detail. | Comply | |
| LBook-24 | Mandatory | The system accepts and maintain unlimited number of charges for the inmate. | Comply | |
| LBook-25 | Mandatory | The system records the inmate's housing type, e.g., facility, pod/block, cell. | Comply | |
| LBook-26 | Mandatory | The system accommodates each facility's cell types and cell locations. | Comply | |
| LBook-27 | Mandatory | The system maintains an up-to-date log on each inmate's housing location, including cell and bed number. | Comply | |
| LBook-28 | Mandatory | When housing an inmate, user is alerted if inmate's classification level does not match the cell to which he or she is being moved. | Does Not Comply | |
| LBook-29 | Mandatory | When housing an inmate, user is alerted if co-defendants or known associates are housed together. | Does Not Comply | |
| LBook-30 | Mandatory | The system maintains and tracks the name of the individual who received the offender's personal possessions on booking and the location of their storage. | Comply | |
| LBook-31 | Mandatory | The system prints receipts for possessions. | Comply | |
| LBook-32 | Mandatory | The system tracks and maintains issued possessions, such as pillows, blankets, clothes, etc. | Comply | |
| LBook-33 | Mandatory | The system attaches associated documents to the booking record. | Comply | |
| LBook-34 | Mandatory | The system tracks an inmate's booking history. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Booking | Bidder Response | Bidder Comment |
|---------------------------|------------|--|-----------------|------------------------|
| LiveScan Module Interface | | | | |
| LAFIX-1 | Mandatory | The system supports communication between the LERMS and third-party fingerprint scanning hardware and software | Comply | Mentalix amnd LiveScan |
| LAFIX-2 | Mandatory | The system interfaces with AFIX fingerprint scanning software. | Does Not Comply | |
| LAFIX-3 | Mandatory | The system is able to determine exactly which booking and master file name data elements are exported to the AFIX software | Does Not Comply | |
| LAFIX-4 | Mandatory | Related arrest and/or booking information and arrestee information is transferred to AFIX without user intervention | Does Not Comply | |
| LAFIX-5 | Mandatory | An authorized user is able to start and stop the AFIX interface without affecting CAD or other system modules. | Does Not Comply | |
| | | | | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Arrest Records | Bidder Response | Bidder Comment |
|---|------------|--|-----------------|----------------|
| Law Arrest Records | | | | |
| The system accepts and maintains the following arrest information: | | | | |
| LArst-1 | Mandatory | Arrest Number | Comply | |
| LArst-2 | Mandatory | Date/Time of Arrest | Comply | |
| LArst-3 | Mandatory | Arrest Type | Comply | |
| LArst-4 | Mandatory | Arrest Status and Status Date/Time | Comply | |
| LArst-5 | Mandatory | Charge(s) | Comply | |
| LArst-6 | Mandatory | Associated Case Number | Comply | |
| LArst-7 | Mandatory | Name of Arrested Person | Comply | |
| LArst-8 | Mandatory | Arresting Officer (multiple possible) | Comply | |
| LArst-9 | Mandatory | Arresting Officer's Assigned Bureau | Comply | |
| LArst-10 | Mandatory | Reporting Districts of the Arrest | Comply | |
| LArst-11 | Mandatory | Assisting Arrest Officer | Comply | |
| LArst-12 | Mandatory | Disposition of the Arrest | Comply | |
| LArst-13 | Mandatory | Disposition Date | Comply | |
| LArst-14 | Mandatory | Resulting Charge at Disposition | Comply | |
| LArst-15 | Mandatory | Sentencing Information | Comply | |
| LArst-16 | Mandatory | Bond Information | Comply | |
| LArst-17 | Mandatory | The system accepts and maintains data on arrest and court dispositions. | Comply | |
| LArst-18 | Mandatory | The system links arrests to cases. | Comply | |
| LArst-19 | Mandatory | The system can link multiple arrests to a single case. | Comply | |
| LArst-20 | Mandatory | The system can link an arrest to multiple cases. | Comply | |
| LArst-21 | Mandatory | The system accepts and maintains information about injuries the arrestee may have sustained while being apprehended. | Comply | |
| LArst-22 | Mandatory | The system accepts and maintains information about weapons involved in the arrest. | Comply | |
| The system accepts and maintains information about identification numbers associated with the arrest, including, not limited to: | | | | |
| LArst-23 | Mandatory | Booking number | Comply | |
| LArst-24 | Mandatory | Case number | Comply | |
| LArst-25 | Mandatory | Warrant number | Comply | |
| LArst-26 | Mandatory | Offender-based tracking system number | Comply | |
| LArst-27 | Mandatory | The system maintains and reports information per NIBRS requirements. | Comply | |
| LArst-28 | Mandatory | The system maintains and reports information per UCR requirements. | Comply | |
| LArst-29 | Mandatory | The system links newly arrested individuals to previous arrests, if applicable. | Comply | |
| LArst-30 | Mandatory | If one does not already exist, the system automatically create a master name record at the time of the arrest processing. | Comply | |
| LArst-31 | Mandatory | The system has access to an arrest register within a selected date range. | Comply | |
| LArst-32 | Mandatory | An arrest record can be added at the time of the original complaint report. | Comply | |
| LArst-33 | Mandatory | An arrest record can be added at any time after the original complaint report. | Comply | |
| LArst-34 | Mandatory | In the event of an arrest at a later date, the system is able to add additional supplemental narrative to the original complaint report. | Comply | |
| LArst-35 | Mandatory | The system requires additional user authentication to access juvenile records. | Comply | |
| LArst-36 | Mandatory | To view or access juvenile records, the user must be specifically authorized to do so. | Comply | |
| The system can search for arrest records based on the following criteria: | | | | |
| LArst-37 | Mandatory | Person's Name | Comply | |
| LArst-38 | Mandatory | Arrest Date/Range | Comply | |
| LArst-39 | Mandatory | Complaint/Case Number | Comply | |
| LArst-40 | Mandatory | Arresting Officer ID | Comply | |
| LArst-41 | Mandatory | Arrest Tracking Number | Comply | |
| The system can print a variety of arrest related reports to facilitate the statistical analysis or arrest data, including the following: | | | | |
| LArst-42 | Important | Arrest by Court Disposition Date Report | Comply | |
| LArst-43 | Important | Arrest by Location Report | Comply | |
| LArst-44 | Important | Arrest by Officer Report | Comply | |
| LArst-45 | Important | Arrest Charge Summary Report | Comply | |
| LArst-46 | Important | Arrest Detail Report | Comply | |
| LArst-47 | Important | Arrest Register Report | Comply | |
| LArst-48 | Important | Arrest Status Summary Report | Comply | |
| LArst-49 | Important | The system provides equivalent reports for both juvenile and adult arrest records. | Comply | |
| LArst-50 | Important | Only authorized users can print reports with information pertaining to juvenile subjects. | Comply | |
| LArst-51 | Mandatory | The system has the ability to continue the current system jacket numbering. | Comply | |
| LArst-52 | Important | The system has the ability to match CJIS codes within the LERMS system | Comply | |
| LArst-53 | Important | The system will perform address validation; persons validation process and tracking changes | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Law CRASH Reporting | Bidders Response | Bidder Comment |
|--|------------|--|-------------------------------|--|
| Law Accident Tracking | | | | |
| LAcc-1 | Important | The system accepts, maintains and tracks information related to motor vehicle crashes | Comply | |
| Lacc-2 | Important | The system will interface with Texas Dept. of Transportation (TXDOT) Crash Reporting and Analysis for Safer Highways (CRASH) accident electronic reporting system. | Partial Comply or Alternative | This is provided by a LexisNexis accident reporting module |
| Accident data can be entered from pre-defined forms from: | | | | |
| LAcc-3 | Important | Mobile field reporting module | Partial Comply or Alternative | This is provided by a LexisNexis accident reporting module |
| LAcc-4 | Important | Web based access module (if available) | Partial Comply or Alternative | This is provided by a LexisNexis accident reporting module |
| LAcc-5 | Important | Network connected workstation | Partial Comply or Alternative | This is provided by a LexisNexis accident reporting module |
| LAcc-6 | Important | The system complies with all state-mandated CRASH accident reports. | Partial Comply or Alternative | This is provided by a LexisNexis accident reporting module |
| Lacc-7 | Important | Accident data entry fields must be in the same order as the State of Texas TxDOT CRASH reporting format. | Partial Comply or Alternative | This is provided by a LexisNexis accident reporting module |
| LAcc-8 | Important | The system accepts, maintains and tracks detailed information about subjects associated with an accident (e.g., drivers, passengers, pedestrians, witnesses). | Comply | |
| LAcc-9 | Important | The system accepts, maintains and tracks detailed information about vehicles associated with an accident. | Comply | |
| LAcc-10 | Important | The system can attach multiple supporting documents of various types to an accident record. | Comply | |
| LAcc-11 | Important | The system links accident, incident and case numbers for investigative and search purposes. | Comply | |
| LAcc-12 | Important | The system supports commercial vehicle supplements to capture required information for commercial vehicles. | Comply | |
| LAcc-13 | Important | System provides the ability to upload multiple file types (e.g. images, audio, PDF) | Comply | |
| LAcc-14 | Important | The accident module provides a complete data analysis capability to review data and generate reports based on all accident data fields. | Comply | |
| LAcc-15 | Important | The system can print CRASH reports on demand. | Partial Comply or Alternative | This is provided by a LexisNexis accident reporting module |
| LAcc-16 | Important | Printed CRASH forms duplicate the Texas based accident report. | Partial Comply or Alternative | This is provided by a LexisNexis accident reporting module |
| LAcc-17 | Important | The design of the printed forms can be edited and maintained by the agency. | Does Not Comply | |
| LAcc-18 | Important | RMS should duplicate the TxDOT CRASH system on error reporting in submitted accident reports. | Partial Comply or Alternative | This is provided by a LexisNexis accident reporting module |
| LAcc-19 | Important | RMS system should acknowledge accepted and/or rejected reports entered. | Comply | |
| LAcc-20 | Important | The system is capable of supplementing and/or editing reports after initial submission | Partial Comply or Alternative | This is provided by a LexisNexis accident reporting module |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Citations | Bidder Response | Bidder Comment |
|---|------------|---|-------------------------------|--|
| Law Tickets and Citations | | | | |
| All information pertaining to citations can be entered and maintained, including: | | | | |
| LCit-1 | Important | Ticket Book Distribution, by ticket number range | Partial Comply or Alternative | We import citation information from Brazos citations |
| LCit-2 | Important | Statistical Information by Department | Comply | |
| LCit-3 | Important | Statistical Information by Officer | Comply | |
| LCit-4 | Important | Ticket Deletions | Partial Comply or Alternative | We import citation information from Brazos citations |
| LCit-5 | Important | Status Changes | Comply | |
| A history on each citation can be produced, including (but not limited to) the following information: | | | | |
| LCit-6 | Important | Violator address | Comply | |
| LCit-7 | Important | Violator DOB | Comply | |
| LCit-8 | Important | Violator drivers llicense (DL) number | Comply | |
| LCit-9 | Important | Violator telephone number | Comply | |
| LCit-10 | Important | Violation code, can be multiple violations | Comply | |
| LCit-11 | Important | Statute/Ticket type for each violation | Comply | |
| LCit-12 | Important | Violation location | Comply | |
| LCit-13 | Important | Vehicle license plate number | Comply | |
| LCit-14 | Important | Vehicle owner name | Comply | |
| LCit-15 | Important | Owner personal information | Comply | |
| LCit-16 | Important | VIN | Comply | |
| LCit-17 | Important | Vehicle color | Comply | |
| LCit-18 | Important | Date/Time stamped | Comply | |
| LCit-19 | Important | Ticket number | Comply | |
| LCit-20 | Important | Weather and Traffic Conditions | Comply | |
| LCit-21 | Important | Court and Disposition Data | Comply | |
| LCit-22 | Important | Fines and fees | Comply | |
| LCit-23 | Important | Fines and fees payment tracking | Comply | |
| LCit-24 | Important | Authorized personnel have the ability to void / delete tickets. | Comply | |
| LCit-25 | Important | The system supports storing multiple violations under a single ticket number. | Comply | |
| LCit-26 | Important | The system has the ability to search and report ticket / citation information. | Comply | |
| The system has the ability to search and report ticket / citation information using the following: | | | | |
| LCit-27 | Important | Violator name | Comply | |
| LCit-28 | Important | Location | Comply | |
| LCit-29 | Important | Geographic area | Comply | |
| LCit-30 | Important | Jurisdiction / department | Comply | |
| LCit-31 | Important | Officer ID | Comply | |
| LCit-32 | Important | Officer name | Comply | |
| LCit-33 | Important | Ticket type | Comply | |
| LCit-34 | Important | Ticket book distribution | Does Not Comply | |
| LCit-35 | Important | The system is able to generate failure to pay notices in a time frame determined by the agency. | Comply | |
| LCit-36 | Important | The system is able to generate failure to pay notices in a format determined by the agency. | Comply | |
| LCit-37 | Important | The system is able to interface with an e-ticketing mobile ticketing product with the mobile device. | Comply | |
| LCit-38 | Important | The system is able to interface with a license barcode reader with the mobile device. | Comply | |
| LCit-39 | Important | The system is able to interface with a license mag-stripe reader with the mobile device. | Comply | |
| LCit-40 | Important | The system is able to interface with a electronic signature capture module with the mobile device. | Comply | |
| LCit-41 | Important | The system will interface with mobile printing with the mobile device. | Comply | |
| LCit-42 | Mandatory | The system will interface with the Tyler Technologies Brazos citation software system. | Comply | |
| LCit-43 | Mandatory | The system will provide the ability to import data from Tyler Brazos software and when citations are entered manually into Brazos | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Field Investigations | Bidder Response | Bidder Comment |
|--|------------|---|-----------------|----------------|
| Law Field Investigations | | | | |
| LFIdl-1 | Important | The Field Investigations module can be accessed and updated from a mobile data device. | Comply | |
| LFIdl-2 | Important | The system is capable of associating an investigation to a specific case. | Comply | |
| The system maintains the following basic contact information: | | | | |
| LFIdl-3 | Important | Contact date/time | Comply | |
| LFIdl-4 | Important | Contact type | Comply | |
| LFIdl-5 | Important | Contact reason | Comply | |
| LFIdl-6 | Important | Location | Comply | |
| LFIdl-7 | Important | The system has the ability to grade the credibility of each source (e.g., reliable, unreliable, unknown). | Comply | |
| LFIdl-8 | Important | The system will associate an investigation with a specific bureau. | Comply | |
| LFIdl-9 | Important | The system will associate an investigation with a specific reporting district. | Comply | |
| LFIdl-10 | Important | The system can identify a contact by master name. | Comply | |
| LFIdl-11 | Important | The system can identify a contact by associated case subject. | Comply | |
| LFIdl-12 | Important | The system will accept and maintain contact vehicle information. | Comply | |
| LFIdl-13 | Important | The system will accept maintain all officers associated with the investigation. | Comply | |
| LFIdl-14 | Important | The system is able to attach multiple documents of various types to an investigation record. | Comply | |
| LFIdl-15 | Important | The system is able to link or group all known associates at a given criminal location. | Comply | |
| LFIdl-16 | Important | The Field Investigations record can be searched and sorted by any field of the record. | Comply | |
| LFIdl-17 | Important | The system allows report data to be exported in ASCII, delimited format. | Comply | |
| LFIdl-18 | Important | The system allows a report to be converted to PDF format. | Comply | |
| The system is able to track field investigations by: | | | | |
| LFIdl-19 | Important | Contact type | Comply | |
| LFIdl-20 | Important | Case number | Comply | |
| LFIdl-21 | Important | Contact reason | Comply | |
| LFIdl-22 | Important | Date/date range | Comply | |
| LFIdl-23 | Important | Field investigation number | Comply | |
| LFIdl-24 | Important | Investigating officer | Comply | |
| LFIdl-25 | Important | Contact name | Comply | |
| LFIdl-26 | Important | Location | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Pawn Shops | Bidder Response | Bidder Comment |
|--|------------|---|-----------------|----------------|
| Law Pawn Shops | | | | |
| LPawn-1 | Important | The system will track all pawn shop sales within an agency-defined area. | Comply | |
| An operator can enter, maintain and track the following basic pawn transaction information: | | | | |
| LPawn-2 | Important | Transaction date/time | Comply | |
| LPawn-3 | Important | Transaction type | Comply | |
| LPawn-4 | Important | Property type | Comply | |
| LPawn-5 | Important | Serial number | Comply | |
| LPawn-6 | Important | Owner applied number | Comply | |
| LPawn-7 | Important | VIN | Comply | |
| LPawn-8 | Important | Description of property | Comply | |
| LPawn-9 | Important | Pawnbroker (business information) | Comply | |
| LPawn-10 | Important | Pawn shop representative/buyer | Comply | |
| LPawn-11 | Important | An authorized user can enter, maintain and track all items involved in a pawn transaction. | Comply | |
| LPawn-12 | Important | An authorized user can attach multiple supporting documents of a variety of documentation types to a pawn transaction record | Comply | |
| LPawn-13 | Important | The pawnshop will be associated to the Master Name Index. | Comply | |
| LPawn-14 | Important | An authorized user can create, maintain and track the pawnshop within the MN file for all pawn shops. | Comply | |
| LPawn-15 | Important | The pawned / buyer will be associated to the Master Name Index. | Comply | |
| LPawn-16 | Important | An authorized user can import pawn shop transactions from pawnbrokers. | Comply | |
| LPawn-17 | Important | The system will compare imported property records from pawn shop transactions to property entered in the RMS as stolen or missing and notify the user of any matches. | Comply | |
| LPawn-18 | Important | Selected Pawn Shop module data can be exported to a GIS module or mapping system. | Comply | |
| LPawn-19 | Important | Selected Pawn Shop module data can be exported to the Crime Analysis module. | Comply | |
| LPawn-20 | Important | The system has the ability to Interface with Leads online | Does Not Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS License and Permits | Bidder Response | Bidder Comment |
|--|------------|---|-------------------------------|---|
| Law License and Permits | | | | |
| LPerm-1 | Important | The License and Permit module can be accessed from CAD. | Comply | |
| LPerm-2 | Important | The License and Permit module can be accessed from a mobile device. | Comply | |
| LPerm-3 | Important | The License and Permit module can be accessed from the RMS module. | Comply | |
| LPerm-4 | Important | The locations maintained in the License and Permit module can be displayed using a GIS mapping capability | Comply | |
| Permits | | | | |
| LPerm-5 | Important | The system is able to track and issue permits. | Comply | |
| The system can capture and maintain the following permit information, including: | | | | |
| LPerm-6 | Important | Permit type | Comply | |
| LPerm-7 | Important | Permit status | Comply | |
| LPerm-8 | Important | Permit status date/time | Comply | |
| LPerm-9 | Important | Application date | Comply | |
| LPerm-10 | Important | Permit issue date | Comply | |
| LPerm-11 | Important | Permit expiration date | Comply | |
| LPerm-12 | Important | Permit holder name | Comply | |
| LPerm-13 | Important | Permit holder address | Comply | |
| LPerm-14 | Important | Permit holder telephone number | Comply | |
| LPerm-15 | Important | Business name | Comply | |
| LPerm-16 | Important | Event name | Comply | |
| LPerm-17 | Important | Event type | Comply | |
| LPerm-18 | Important | Permit rejection / revocation date | Comply | |
| LPerm-19 | Important | Permit rejection / revocation reason | Comply | |
| LPerm-20 | Important | Permit rejection / revocation resolution | Comply | |
| LPerm-21 | Important | Date reapplied | Comply | |
| LPerm-22 | Important | Fee date | Comply | |
| LPerm-23 | Important | Fee (dollar value collected) | Comply | |
| LPerm-24 | Important | The system has the ability to view permit status history. | Comply | |
| LPerm-25 | Important | The system allows the agency to create and maintain permit types, e.g., mooring permit, solicitation permit. | Comply | |
| LPerm-26 | Important | The system allows the permit to be associated with a person or a business. | Comply | |
| LPerm-27 | Important | The system allows the permit to be associated with a business address or business location. | Comply | |
| LPerm-28 | Important | The system is able to attach multiple supporting documents of various types to a permit record. | Comply | |
| LPerm-29 | Important | The system has the ability to print the permit in a format determined by the agency. | Comply | |
| Licenses | | | | |
| LPerm-30 | Important | The system is able to track and issue licenses. | Partial Comply or Alternative | Most agencies use the permit module to track licenses using a different license permit type |
| The system can capture and maintain the following license information, including: | | | | |
| LPerm-31 | Important | License number | Comply | |
| LPerm-32 | Important | License type | Comply | |
| LPerm-33 | Important | License status | Comply | |
| LPerm-34 | Important | License status date/time | Comply | |
| LPerm-35 | Important | License application date | Comply | |
| LPerm-36 | Important | License issue date | Comply | |
| LPerm-37 | Important | License expiration date | Comply | |
| LPerm-38 | Important | Business name | Comply | |
| LPerm-39 | Important | Business address or location | Comply | |
| LPerm-40 | Important | License holder name | Comply | |
| LPerm-41 | Important | License holder address | Comply | |
| LPerm-42 | Important | License holder telephone number | Comply | |
| LPerm-43 | Important | License holder photograph | Comply | |
| LPerm-44 | Important | Permit rejection / revocation date | Comply | |
| LPerm-45 | Important | Permit rejection / revocation reason | Comply | |
| LPerm-46 | Important | Permit rejection / revocation resolution | Comply | |
| LPerm-47 | Important | Date reapplied | Comply | |
| LPerm-48 | Important | Fee date | Comply | |
| LPerm-49 | Important | Fee (dollar value collected) | Comply | |
| LPerm-50 | Important | The system has the ability to view license status history. | Comply | |
| LPerm-51 | Important | The system is able to attach a picture of the license holder to the license record. | Comply | |
| LPerm-52 | Important | The system is able to attach multiple supporting documents of various types to a license record. | Comply | |
| LPerm-53 | Important | The system has the ability to print the license in a format determined by the agency. | Comply | |
| LPerm-54 | Important | The system has the ability to print a License ID in the form of a ID badge incorporating the photo and license record information | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Fleet Maintenance | Bidder Response | Bidder Comment |
|--|------------|--|-----------------|---|
| Law Fleet Maintenance | | | | |
| LFM-1 | Mandatory | The system tracks department vehicles by department-specific vehicle type. | Comply | |
| LFM-2 | Mandatory | The system tracks department vehicles by department-issued unit number. | Comply | |
| LFM-3 | Mandatory | The system associates a vehicle with an inventory number. | Does Not Comply | Our fleet module is slated for 1st quarter 2019 |
| The system accepts and maintains purchase information, including the following: | | | | |
| LFM-4 | Important | Purchase date | Does Not Comply | |
| LFM-5 | Important | Individual or business from whom the vehicle was purchased | Does Not Comply | |
| LFM-6 | Important | Original cost | Does Not Comply | |
| LFM-7 | Important | First in service date | Does Not Comply | |
| LFM-8 | Important | Scheduled replacement date | Does Not Comply | |
| LFM-9 | Important | The system indicates the vehicle's current status and the date the status was set. | Does Not Comply | |
| LFM-10 | Important | The system flags a vehicle as in/out of service. | Does Not Comply | |
| The system accepts and maintains the following basic vehicle information: | | | | |
| LFM-11 | Mandatory | Make and model (model ties make) | Does Not Comply | |
| LFM-12 | Mandatory | Model year | Does Not Comply | |
| LFM-13 | Mandatory | Color | Does Not Comply | |
| LFM-14 | Mandatory | VIN | Does Not Comply | |
| LFM-15 | Mandatory | License plate state | Does Not Comply | |
| LFM-16 | Mandatory | Vehicle style | Does Not Comply | |
| LFM-17 | Mandatory | Description (free-form narrative) | Does Not Comply | |
| The system can assign a vehicle to a: | | | | |
| LFM-18 | Important | Station | Does Not Comply | |
| LFM-19 | Important | Unit number | Does Not Comply | |
| LFM-20 | Important | Location | Does Not Comply | |
| The system is able to document the following information about vehicle size: | | | | |
| LFM-21 | Important | Height | Does Not Comply | |
| LFM-22 | Important | Width | Does Not Comply | |
| LFM-23 | Important | Length | Does Not Comply | |
| LFM-24 | Important | GVWR | Does Not Comply | |
| LFM-25 | Important | Wheel base | Does Not Comply | |
| The system tracks the following information about operation specifications: | | | | |
| LFM-26 | Important | Turn radius | Does Not Comply | |
| LFM-27 | Important | Maximum altitude | Does Not Comply | |
| LFM-28 | Important | Maximum grade | Does Not Comply | |
| LFM-29 | Important | The system tracks information about air temperature range. | Does Not Comply | |
| The system tracks the following engine information: | | | | |
| LFM-30 | Important | Manufacturer | Does Not Comply | |
| LFM-31 | Important | Model | Does Not Comply | |
| LFM-32 | Important | Serial number | Does Not Comply | |
| LFM-33 | Important | Oil type | Does Not Comply | |
| LFM-34 | Important | Fuel type | Does Not Comply | |
| LFM-35 | Important | Fuel tank capacity | Does Not Comply | |
| LFM-36 | Important | Units | Does Not Comply | |
| LFM-37 | Important | Number of cylinders | Does Not Comply | |
| LFM-38 | Important | Horsepower | Does Not Comply | |
| LFM-39 | Important | Transmission Type | Does Not Comply | |
| The system tracks the following battery information: | | | | |
| LFM-40 | Important | Manufacturer | Does Not Comply | |
| LFM-41 | Important | Model | Does Not Comply | |
| LFM-42 | Important | Capacity | Does Not Comply | |
| LFM-43 | Important | Installation date | Does Not Comply | |
| The system tracks the following vehicle electrical system requirements: | | | | |
| LFM-44 | Important | Number of volts | Does Not Comply | |
| LFM-45 | Important | Output in amperes | Does Not Comply | |
| LFM-46 | Important | The system tracks any tanks the vehicle may contain. | Does Not Comply | |
| The system tracks the following vehicle tank information: | | | | |
| LFM-47 | Important | Type | Does Not Comply | |
| LFM-48 | Important | Capacity | Does Not Comply | |
| LFM-49 | Important | Installation date | Does Not Comply | |
| LFM-50 | Important | The system tracks tire information. | Does Not Comply | |
| The system tracks the following tire information: | | | | |
| LFM-51 | Important | Make | Does Not Comply | |
| LFM-52 | Important | Model | Does Not Comply | |
| LFM-53 | Important | Type | Does Not Comply | |
| LFM-54 | Important | Size | Does Not Comply | |
| LFM-55 | Important | Pressure | Does Not Comply | |
| LFM-56 | Important | Installation date | Does Not Comply | |
| LFM-57 | Important | The system tracks department-specific vehicle activities. | Does Not Comply | |
| LFM-58 | Important | The system will schedule a vehicle for any type of maintenance. | Does Not Comply | |
| LFM-59 | Important | The system tracks a vehicle's maintenance history. | Does Not Comply | |
| LFM-60 | Important | The system tracks vendors that have performed maintenance on a vehicle. | Does Not Comply | |
| LFM-61 | Important | The system tracks vehicle maintenance costs. | Does Not Comply | |
| LFM-62 | Important | The system records a vehicle's fuel and oil usage. | Does Not Comply | |
| The system will generate the following vehicle related reports: | | | | |
| LFM-63 | Mandatory | Vehicle Detail Report | Does Not Comply | |
| LFM-64 | Mandatory | Vehicle Fuel/Oil Usage | Does Not Comply | |
| LFM-65 | Mandatory | Vehicle Listing | Does Not Comply | |
| LFM-66 | Mandatory | Vehicle Maintenance Schedule Report | Does Not Comply | |
| LFM-67 | Mandatory | The system has the ability to attach supporting documents to a vehicle record. | Does Not Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Personnel and Training | Bidder Response | Bidder Comment |
|---|------------|--|-----------------|----------------|
| Law Personnel and Training | | | | |
| LPT-1 | Important | The system has the ability to display, store and print a photograph of an employee within the personnel record. | Comply | |
| LPT-2 | Important | The system has the ability to capture an image with a digital camera for the purpose of storage with an employee record. | Comply | |
| LPT-3 | Important | The system has the ability upload an image from a camera, computer disk or any TWAIN32-compliant imaging device. | Comply | |
| LPT-4 | Important | The system can link a personnel record with a personnel record(s) associated with another ORI. | Does Not Comply | |
| LPT-5 | Important | The system supports Personnel and Training module access security at the user level. | Comply | |
| LPT-6 | Important | The system supports Personnel and Training module access security at the device level. | Comply | |
| LPT-7 | Important | The system supports Personnel and Training module access security at the function level. | Comply | |
| The system has the ability to enter and maintain the following general personnel information on every employee: | | | | |
| LPT-8 | Important | Employee Full Name | Comply | |
| LPT-9 | Important | Employee Address | Comply | |
| LPT-10 | Important | Employee Badge and/or ID Number | Comply | |
| LPT-11 | Important | Jurisdiction | Comply | |
| LPT-12 | Important | Social Security Number | Comply | |
| LPT-13 | Important | Home Phone Number | Comply | |
| LPT-14 | Important | Cell Phone Number | Comply | |
| LPT-15 | Important | E-mail addresses | Comply | |
| LPT-16 | Important | Department Number and Extension | Comply | |
| LPT-17 | Important | Place of Birth | Comply | |
| LPT-18 | Important | Citizenship | Comply | User defined |
| LPT-19 | Important | Current Rank | Comply | |
| LPT-20 | Important | Rank History | Comply | |
| LPT-21 | Important | Hire Date | Comply | |
| LPT-22 | Important | Termination Date | Comply | |
| LPT-23 | Important | Education, including Degrees, Certifications | Comply | |
| LPT-24 | Important | Payroll information | Comply | |
| LPT-25 | Important | Special Skills | Comply | |
| LPT-26 | Important | Medical Information | Comply | |
| LPT-27 | Important | Department Injuries | Comply | |
| LPT-28 | Important | Blood Type | Comply | |
| LPT-29 | Important | Emergency Notification Information | Comply | |
| LPT-30 | Important | Employee Status or Promotions | Comply | |
| LPT-31 | Important | Reprimands | Comply | |
| LPT-32 | Important | Commendations | Comply | |
| LPT-33 | Important | Spouse's Name | Comply | User defined |
| LPT-34 | Important | Driver's License Number | Comply | |
| LPT-35 | Important | Employee Demographic Information | Comply | |
| LPT-36 | Important | Disciplinary Actions | Comply | |
| LPT-37 | Important | Contact Information | Comply | |
| LPT-38 | Important | The system has the ability to enter and maintain information about an employee's current assignment. | Comply | |
| LPT-39 | Important | The system has the ability to enter and maintain history of an employee's assignments. | Comply | |
| The system has the ability to track information about the equipment issued to each employee, including the following: | | | | |
| LPT-40 | Important | Item Type | Comply | |
| LPT-41 | Important | Quantity | Comply | |
| LPT-42 | Important | Inventory Number | Comply | |
| LPT-43 | Important | Date Issued | Comply | |
| LPT-44 | Important | Condition of Item | Comply | |
| LPT-45 | Important | Returned Date | Comply | |
| LPT-46 | Important | Condition Returned | Comply | |
| The system has the ability to enter and maintain information about an employee's education and training, including, but not limited to, the following: | | | | |
| LPT-47 | Important | Courses (e.g., Firearms Training, Hazmat Technician Training) | Comply | |
| LPT-48 | Important | Programs | Comply | |
| LPT-49 | Important | Certifications | Comply | |
| LPT-50 | Important | Automatically Re-Schedules Re-Certification Classes | Comply | |
| LPT-51 | Important | Basic Academy Training | Comply | |
| LPT-52 | Important | Military Training | Comply | |
| LPT-53 | Important | College Classes | Comply | |
| The system maintains the following training related data elements: | | | | |
| LPT-54 | Important | Employee ID Number | Comply | |
| LPT-55 | Important | Training Course Title | Comply | |
| LPT-56 | Important | Training Location | Comply | |
| LPT-57 | Important | Re-certification Date | Comply | |
| LPT-58 | Important | Length of the Course | Comply | |
| LPT-59 | Important | Course Completion Date | Comply | |
| LPT-60 | Important | Course Comments | Comply | |
| LPT-61 | Important | Course Expenses | Comply | |
| LPT-62 | Important | College Credit Hours | Comply | |
| Ability to enter and maintain information about any special skills an employee may have, including, but not limited to: | | | | |
| LPT-63 | Important | Foreign Language | Comply | |
| LPT-64 | Important | Public Relations Training | Comply | |
| LPT-65 | Important | Bomb Disposal Training | Comply | |
| LPT-66 | Important | First Aid Training | Comply | |
| LPT-67 | Important | SWAT Training | Comply | |
| LPT-68 | Important | Breathalyzer Training | Comply | |
| LPT-69 | Important | The system provides the ability to perform monthly scheduling of employees for a minimum of 6 months. | Does Not Comply | |

| | | | | |
|---|-----------|--|-----------------|--|
| LPT-70 | Important | The system provides the ability to perform weekly scheduling of employees for a minimum of 6 months. | Does Not Comply | |
| LPT-71 | Important | The system provides the ability to schedule training by individual or group | Comply | |
| LPT-72 | Important | The system provides the ability to print a summary report detailing all employees and all training conducted within a specified date range | Comply | |
| LPT-73 | Important | The system provides the ability to print a summary report of all training received by an employee during his/her course of employment | Comply | |
| LPT-74 | Important | The system provides the ability to print a detailed employee report with all fields of data in the personnel record. | Comply | |
| LPT-75 | Important | The system provides the ability to print a summary department personnel listing sorted by Employee Name. | Comply | |
| LPT-76 | Important | The system provides the ability to print a detailed department personnel listing sorted by Employee Name. | Comply | |
| Training | | | | |
| LPT-77 | Important | The system has the ability to create and maintain records on all the training courses for which personnel can register. | Does Not Comply | |
| The system has the ability to enter and maintain the following basic information for each course: | | | | |
| LPT-78 | Important | Course Title | Comply | |
| LPT-79 | Important | Category | Comply | |
| LPT-80 | Important | Keyword | Comply | |
| LPT-81 | Important | Description | Comply | |
| LPT-82 | Important | Active/Inactive | Comply | |
| LPT-83 | Important | Instructor | Comply | |
| LPT-84 | Important | Certification achieved | Comply | |
| LPT-85 | Important | Recertification Period | Comply | |
| LPT-86 | Important | Recertification Units | Comply | |
| LPT-87 | Important | Equivalent Courses | Comply | |
| The system has the ability to enter and maintain course information regarding hours and default provider, including the following: | | | | |
| LPT-88 | Important | Duration | Comply | |
| LPT-89 | Important | Units | Comply | |
| LPT-90 | Important | Number of Days | Comply | |
| LPT-91 | Important | Credit Hours | Comply | |
| LPT-92 | Important | Other | Comply | |
| LPT-93 | Important | LOSAP Category Type | Does Not Comply | |
| LPT-94 | Important | LOSAP Category | Does Not Comply | |
| LPT-95 | Important | LOSAP Points | Does Not Comply | |
| LPT-96 | Important | Default Provider Name, Address and Phone | Does Not Comply | |
| The system has the ability to enter and maintain course information regarding default costs, including the following detail: | | | | |
| LPT-27A | Important | Expense Type | Comply | |
| LPT-27B | Important | Amount | Comply | |
| LPT-27C | Important | General Ledger Account | Comply | |
| LPT-27D | Important | Percentage | Comply | |
| The system has the ability to view course history and the scheduling of a given course, including the following information: | | | | |
| LPT-97 | Important | Course Title | Comply | |
| LPT-98 | Important | Category | Comply | |
| LPT-99 | Important | Start Date/Time | Comply | |
| LPT-100 | Important | End Date/Time | Comply | |
| LPT-101 | Important | Provider | Comply | |
| LPT-102 | Important | Address | Comply | |
| LPT-103 | Important | Location | Comply | |
| LPT-104 | Important | Phone Number | Comply | |
| LPT-105 | Important | The system has the ability to create and maintain course objectives. | Does Not Comply | |
| LPT-106 | Important | The system has the ability to attach multiple supporting documents of various types to each course record. | Does Not Comply | |
| The system has the ability to search for existing course records based on the following user-defined search criteria: | | | | |
| LPT-107 | Important | TCOLE Course Code | Does Not Comply | |
| LPT-108 | Important | Other course number | Comply | |
| LPT-109 | Important | Title | Does Not Comply | |
| LPT-110 | Important | Category | Comply | |
| LPT-111 | Important | Keyword | Comply | |
| LPT-112 | Important | Active/Inactive/All | Comply | |
| LPT-113 | Important | Program | Does Not Comply | |
| LPT-114 | Important | The system has the ability to create, maintain and track scheduled course records i.e., schedules for individual courses. | Does Not Comply | |
| The system has the ability to enter and maintain the following basic information for each scheduled course record: | | | | |
| LPT-115 | Important | Start Date/Time | Does Not Comply | |
| LPT-116 | Important | End Date/Time | Does Not Comply | |
| LPT-117 | Important | Provider | Does Not Comply | |
| LPT-118 | Important | Course Required/Not Required | Does Not Comply | |
| LPT-119 | Important | Course | Does Not Comply | |
| LPT-120 | Important | Course Location | Does Not Comply | |
| LPT-121 | Important | Address | Does Not Comply | |
| LPT-122 | Important | Phone Number | Does Not Comply | |
| LPT-123 | Important | Activity Code | Does Not Comply | |
| LPT-124 | Important | Days of the Week | Does Not Comply | |
| LPT-125 | Important | Class Format | Does Not Comply | |
| LPT-126 | Important | Training Type | Does Not Comply | |
| LPT-127 | Important | Level of Training | Does Not Comply | |
| LPT-128 | Important | Remarks (free-form narrative) | Does Not Comply | |
| The system has the ability to enter and maintain the following cost related information for each scheduled course record: | | | | |
| LPT-129 | Important | Expense Type | Does Not Comply | |
| LPT-130 | Important | Amount | Does Not Comply | |
| LPT-131 | Important | General Ledger Account | Does Not Comply | |
| LPT-132 | Important | Percentage | Does Not Comply | |
| LPT-133 | Important | The system has the ability to indicate all subjects associated with the scheduled course, including instructor and attendees. | Does Not Comply | |

| The system provides the ability to select scheduled course attendees by entering any of the following: | | | | |
|--|-----------|---|-----------------|--|
| LPT-137 | Important | Employee ID | Does Not Comply | |
| LPT-138 | Important | individual personnel subjects | Does Not Comply | |
| LPT-139 | Important | linking to master name files | Does Not Comply | |
| LPT-140 | Important | entering names in free-form narrative | Does Not Comply | |
| LPT-141 | Important | group, e.g., station, shift, unit, employment classification, certification level. | Does Not Comply | |
| | | | | |
| LPT-142 | Important | Individuals from group lists can be selected for inclusion or exclusion. | Does Not Comply | |
| LPT-143 | Important | The system provides the ability to enter and maintain information about the registered attendees' course results (grade/score). | Does Not Comply | |
| LPT-144 | Important | The system provides the ability to see at-a-glance all of the objectives associated with a current scheduled course. | Does Not Comply | |
| LPT-145 | Important | The system provided the ability to track which objectives have been completed by which attendees. | Does Not Comply | |
| LPT-146 | Important | The system has the ability to attach multiple supporting documents of mixed types to each scheduled course record. | Does Not Comply | |
| The system searches for existing scheduled course records based on the following user-defined search criteria: | | | | |
| LPT-147 | Important | Employee ID | Does Not Comply | |
| LPT-148 | Important | Course Code | Does Not Comply | |
| LPT-149 | Important | Course Number | Does Not Comply | |
| LPT-150 | Important | Provider | Does Not Comply | |
| LPT-151 | Important | Location | Does Not Comply | |
| LPT-152 | Important | Instructor | Does Not Comply | |
| LPT-153 | Important | Program | Does Not Comply | |
| LPT-154 | Important | Course Start Date/Time Range | Does Not Comply | |
| LPT-155 | Important | The system has the ability to create, maintain and track training program records. | Does Not Comply | |
| LPT-156 | Important | The system can associate multiple required courses with a training program or certification program. | Does Not Comply | |
| LPT-157 | Important | The system can perform a mass enrollment to a where multiple personnel can be assigned to a single class. | Does Not Comply | |
| LPT-158 | Important | The system can perform a mass enrollment to a where a group can be assigned to a single class. | Does Not Comply | |
| LPT-159 | Important | The system can print class rosters in a format determined by the agency. | Does Not Comply | |
| LPT-160 | Important | The system can print a certification program status report in a format determined by the agency. | Does Not Comply | |
| LPT-161 | Important | The system can print personnel recertification status reports in a format determined by the agency. | Does Not Comply | |
| LPT-162 | Important | The system can print a ad hoc reports as determined by the agency. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Activity Time Tracking | Bidder Response | Bidder Comment |
|---|------------|--|-----------------|-------------------------------|
| Law Activity Time Tracking | | | | |
| LActT-1 | Important | The system tracks the amount of time personnel spend on system-wide RMS related activities. | Comply | By entering time via an event |
| The system tracks time against the following activity types: | | | | |
| LActT-2A | Important | Accidents | Comply | |
| LActT-2B | Important | Administrative | Comply | |
| LActT-2C | Important | Arrests | Comply | |
| LActT-2D | Important | Building Documents | Comply | |
| LActT-2E | Important | Business | Comply | |
| LActT-2F | Important | Field Investigations | Comply | |
| LActT-2G | Important | Gun | Comply | |
| LActT-2H | Important | Impounded Vehicles | Comply | |
| LActT-2I | Important | Incidents | Comply | |
| LActT-2J | Important | Personnel | Comply | |
| LActT-2K | Important | Persons | Comply | |
| LActT-2L | Important | Property | Comply | |
| LActT-2M | Important | Tickets and Citations | Comply | |
| LActT-2N | Important | Vehicles | Comply | |
| LActT-2O | Important | Wants and Warrants | Comply | |
| LActT-3 | Important | An authorized user can define and track time against multiple agency-defined activity codes (or activity sub-types) per activity type. | Comply | |
| LActT-4 | Important | The system can generate a time tracking report to facilitate the analysis of time that personnel spend on RMS related activities. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Data Analysis | Bidder Response | Bidder Comment |
|--|------------|---|-----------------|--|
| Law Data Analysis | | | | |
| LDAnI-1 | Mandatory | The system provides a configurable dashboard for use by administrative or leadership personnel. | | |
| LDAnI-2 | Mandatory | The system provides a report wizard that guides users through the steps of generating reports. | Comply | We provide a data dictionary driven ad-hoc report writing tool |
| LDAnI-3 | Mandatory | Authorized users can run a query on every field in the RMS software to generate reports. | Comply | |
| The system tracks the following types of data: | | | | |
| LDAnI-4 | Mandatory | Statistical | Comply | |
| LDAnI-5 | Mandatory | Operational | Comply | |
| LDAnI-6 | Mandatory | Investigative | Comply | |
| LDAnI-7 | Mandatory | Administrative | Comply | |
| LDAnI-8 | Mandatory | The data analysis module is fully integrated with RMS and all optional modules. | Comply | |
| Once data is extracted from a query, the user is able to: | | | | |
| LDAnI-9 | Important | Save and Edit the query at a later date | Comply | |
| LDAnI-10 | Mandatory | Export to one of the supported formats (e.g., Excel, XML, CSV, text) | Comply | |
| LDAnI-11 | Mandatory | Plot data on a map | Comply | Through our Crime Analysis module |
| LDAnI-12 | Mandatory | Generate and Print the final report | Comply | |
| LDAnI-13 | Mandatory | Users can only query data they are authorized to view within the system. | Comply | |
| The system allows users to customize the following report elements: | | | | |
| LDAnI-14 | Important | Font | Comply | |
| LDAnI-15 | Important | Color | Comply | |
| LDAnI-16 | Important | Alignment | Comply | |
| LDAnI-17 | Important | Titles and Subtitles | Comply | |
| LDAnI-18 | Important | Graphics (e.g., agency logo) | Comply | |
| LDAnI-19 | Important | The system supports electronic transfer of reports. | Comply | |
| LDAnI-20 | Important | The system provides customizable pull-down menus that allow users to select data to query. | Comply | |
| LDAnI-21 | Important | The software supports pin-mapping. | Comply | Through our Crime Analysis module |
| The software supports plotting incidents on a map to show: | | | | |
| LDAnI-22 | Important | Incidents near specific businesses, such as liquor stores | Comply | |
| LDAnI-23 | Mandatory | Incidents near specific street, cross streets, stop lights, etc. | Comply | |
| LDAnI-24 | Mandatory | Incidents near specific schools | Comply | |
| LDAnI-25 | Mandatory | Incidents in specific user defined geographic area | Comply | |
| LDAnI-26 | Mandatory | Incidents by type | Comply | |
| LDAnI-27 | Mandatory | Incidents by date/time | Comply | |
| LDAnI-28 | Mandatory | The system is able to display detailed information about an incident by using mouse-over of the map icon. | Comply | |
| LDAnI-29 | Mandatory | The system provides the ability to zoom and pan. | Comply | |
| LDAnI-30 | Mandatory | The system is able to apply multiple map layers for more details. | Comply | |
| LDAnI-31 | Mandatory | The system can generate a density map to display the results of inquiries. | Comply | |
| LDAnI-32 | Mandatory | The system can generate a hot spot map to show high crime areas. | Comply | |
| LDAnI-33 | Mandatory | The system is capable of exporting data to third party applications. | Comply | |
| The system is able to map crime trends by: | | | | |
| LDAnI-34 | Mandatory | M.O. | Comply | |
| LDAnI-35 | Mandatory | Location | Comply | |
| LDAnI-36 | Mandatory | Subject | Comply | |
| LDAnI-37 | Mandatory | Weapon | Comply | |
| The software provides an agency-defined list of topics located in the drop down menus, including: | | | | |
| LDAnI-38 | Important | Accidents | Comply | |
| LDAnI-39 | Important | Incidents | Comply | |
| LDAnI-40 | Important | Cases | Comply | |
| LDAnI-41 | Important | Offenses | Comply | |
| LDAnI-42 | Important | Arrests | Comply | |
| LDAnI-43 | Important | Warrants | Comply | |
| LDAnI-44 | Important | Tickets/Citations | Comply | |
| LDAnI-45 | Important | Jackets | Comply | |
| LDAnI-46 | Important | Evidence | Comply | |
| LDAnI-47 | Important | Quick Calls | Comply | |
| LDAnI-48 | Important | Property | Comply | |
| LDAnI-49 | Important | Case Subjects | Comply | |
| LDAnI-50 | Important | Fire Incidents | Comply | |
| LDAnI-51 | Important | Bookings | Comply | |
| LDAnI-52 | Important | Field Investigations | Comply | |
| The system allows users to specify information such as, but not limited to, the following: | | | | |
| LDAnI-53 | Important | Date and Date Ranges | Comply | |
| LDAnI-54 | Important | Time and Time Ranges | Comply | |
| LDAnI-55 | Important | ORIs | Comply | |
| LDAnI-56 | Important | Address and Address Ranges | Comply | |
| LDAnI-57 | Important | Types | Comply | |
| LDAnI-58 | Important | Maps | Comply | |
| LDAnI-59 | Important | Specific Beats | Comply | |
| LDAnI-60 | Mandatory | The system has the ability to name and save a query. | Comply | |
| LDAnI-61 | Mandatory | The system has the ability to access a saved query. | Comply | |
| LDAnI-62 | Mandatory | The system supports agency-defined icons to represent records from the query. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Field Based Reporting | Bidder Response | Bidder Comment |
|----------------------------|------------|--|-------------------------------|---|
| Law Field Reporting | | | | |
| LFIdR-1 | Mandatory | The software supports entry of field activity from the mobile device. | Comply | |
| LFIdR-2 | Mandatory | The system supports address verification in the field reporting module. | Comply | |
| | | Field activity includes the entry and update to: | | |
| LFIdR-3 | Mandatory | Accidents | Comply | We import this data from Lexis/Nexis |
| LFIdR-4 | Mandatory | Arrests | Comply | |
| LFIdR-5 | Mandatory | Cases | Comply | |
| LFIdR-6 | Mandatory | Contact cards | Comply | |
| LFIdR-7 | Mandatory | Field investigations | Comply | |
| LFIdR-8 | Mandatory | Incidents | Comply | |
| LFIdR-9 | Mandatory | Supplements | Comply | |
| LFIdR-10 | Mandatory | Tickets | Comply | We import this data from Brazos |
| LFIdR-11 | Mandatory | User-defined forms | Partial Comply or Alternative | Extract data and populate Microsoft Word templates |
| LFIdR-12 | Important | Field investigations/contact cards are included in the review process. | Comply | |
| LFIdR-13 | Mandatory | The forms and reports merge (into RMS) process is agency-defined. | Comply | The apps are web-based so uploads are not required. |
| LFIdR-14 | Mandatory | The software has the ability to add business logic to form entry. | Partial Comply or Alternative | Agency can control required fields, hidden fields, field labels, etc. |
| LFIdR-15 | Mandatory | The software supports an Incident Based Reporting (IBR) compliant data schema. | Comply | |
| LFIdR-16 | Mandatory | The printed output from field report type is agency configurable. | Comply | |
| LFIdR-17 | Mandatory | The software is able to use a scanned image as a background for the report. | Comply | |
| LFIdR-18 | Mandatory | The software allows an officer to review the report for errors and warnings before submitting to a supervisor. | Comply | |
| LFIdR-19 | Mandatory | The software supports supervisor review. | Comply | |
| | | The software allows for upload of officer reports using the following: | | |
| LFIdR-20 | Important | Removable/Portable media (USB drives) | Partial Comply or Alternative | The apps are web-based so uploads are not required. |
| LFIdR-21 | Mandatory | Wireless (RF) over any protocol and network (RF, GPRS, IPMobileNet, Cellular) | Partial Comply or Alternative | The apps are web-based so uploads are not required. |
| LFIdR-22 | Mandatory | If connectivity is lost, data entered on forms is stored for later recall and upload once connectivity is restored. | Comply | |
| LFIdR-23 | Important | The software supports printing of a Field Report prior to being merged into the RMS database. | Comply | |
| LFIdR-24 | Mandatory | The software allows an authorized user to merge officer reports into an existing Records Management Database. | Comply | |
| LFIdR-25 | Important | The software provides a clipboard function that allows a user to enter and maintain notes as needed. | Does Not Comply | |
| LFIdR-26 | Important | The clipboard function stores data in folders as configured by the user. | Does Not Comply | |
| LFIdR-27 | Important | Data in the clipboard function can be deleted as desired by the user. | Does Not Comply | |
| LFIdR-28 | Important | Data in the clipboard function can be added to forms of system modules using cut-and-paste. | Does Not Comply | |
| LFIdR-29 | Important | The software attaches a copy of the report into the RMS as a PDF. | Comply | |
| LFIdR-30 | Important | The software attaches a copy of all supplements into the RMS as a PDF. | Comply | |
| LFIdR-31 | Important | The software supports the retention of an exact copy of an officers report, as it existed when approved. | Comply | |
| LFIdR-32 | Mandatory | The software supports the downloading of tables to all mobile devices, eliminating the need to update tables on individual devices. | Partial Comply or Alternative | Code table are always current due to this app being web base |
| LFIdR-33 | Important | The software supports field reporting access security at the user level. | Comply | |
| LFIdR-34 | Important | The software supports field reporting access security at the device level. | Comply | |
| LFIdR-35 | Important | The software supports field reporting access security at the function level. | Comply | |
| LFIdR-36 | Mandatory | Incomplete reports can be completed on any other device that has the field based reporting software installed. | Comply | |
| LFIdR-37 | Mandatory | The software supports narrative text entry with spell checker. | Comply | |
| LFIdR-38 | Mandatory | The software has automatic spell check. | Comply | |
| LFIdR-39 | Important | An authorized user can enable and disable automatic spell check by command. | Comply | |
| LFIdR-40 | Important | The software is table-driven. | Comply | |
| LFIdR-41 | Mandatory | All field reporting drop down lists utilize common data with for common fields in other RMS modules and do not require separate entry. | Comply | |
| LFIdR-42 | Mandatory | All field reporting drop down lists remain in sync with common data lists throughout the application. | Comply | |
| LFIdR-43 | Important | The merge process supports merging one record at a time. | Comply | |
| LFIdR-44 | Important | The system automatically populate the fields in the RMS database during the merge process. | Comply | |
| LFIdR-45 | Important | The system provides the ability to enter and complete accident diagrams. | Comply | Any drawing can be attached |
| LFIdR-46 | Important | Accident diagrams are accessible from the Field Reporting module and from RMS. | Comply | |
| LFIdR-47 | Important | An authorized user can configure default values and text that is available based on any report field. | Comply | |
| LFIdR-48 | Mandatory | The system supports agency-defined data entry screens for all field reports. | Comply | |
| LFIdR-49 | Mandatory | The system supports multiple report types for each incident allowing separate screens for specific report types. | Partial Comply or Alternative | We provide narrative templates that are automatically populated |
| LFIdR-50 | Mandatory | The system supports text cut-and-paste between sections of a report. | Comply | |
| LFIdR-51 | Mandatory | The system supports text cut-and-paste between sections of different reports. | Comply | |
| LFIdR-52 | Mandatory | The system supports text cut-and-paste between modules of the application. | Comply | |
| LFIdR-53 | Important | The system allows a user to create a new report based on the data of an existing report. This would copy the applicable data out of one report and into another. | Comply | Data from any other report/application can be used to populate |
| LFIdR-54 | Important | The system is capable of in-vehicle printing. | Comply | |
| LFIdR-55 | Important | The system allows the entry notations on every form and field as needed. | Comply | |
| LFIdR-56 | Important | The system supports touch screen functionality. | Comply | |
| LFIdR-57 | Important | The system allows the definition of business rules on any form. | Does Not Comply | These are defined by user community consensus. |

| | | | | |
|----------|-----------|--|--------|--|
| LFIdR-58 | Important | The system the use of client installed forms. | Comply | |
| LFIdR-59 | Important | The system the use of Web-based forms. | Comply | |
| LFIdR-60 | Important | The system supports forms incorporating dynamic data entry user interface. For example, data entered in field of a form with a certain value will make other fields of that form mandatory entry fields. | Comply | |
| LFIdR-61 | Mandatory | The software allows for a report to be transmitted to a supervisor and back to individual for review and editing over the wireless network | Comply | |
| LFIdR-62 | Important | The software supports encryption during all processes both on the local client and over the wireless network. | Comply | |
| LFIdR-63 | Important | Any form that is built or scanned into the field reporting software is able to print with the appropriate data. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Alarm Tracking and Billing | Bidder Response | Bidder Comment |
|---------------------------------------|------------|--|-----------------|---|
| Law Alarm Tracking and Billing | | | | |
| LAlm-1 | Important | The system creates department specific alarm permits. | Comply | |
| LAlm-2 | Important | The system associates permits to specific registrants. | Comply | |
| LAlm-3 | Important | The system associates permits to specific locations. | Comply | |
| LAlm-4 | Important | The system is able to determine fees for agency-defined permit types. | Comply | |
| LAlm-5 | Important | The system is able to determine fees for agency-defined transaction types. | Comply | |
| LAlm-6 | Important | The system allows agency defined criteria for billing purposes. | Comply | |
| LAlm-7 | Important | The system tracks complete location and alarm history. | Comply | |
| LAlm-8 | Important | The system generates department designed invoices based on business rules established by the agency. | Comply | |
| LAlm-9 | Important | The alarm tracking and billing module is integrated with CAD. | Comply | |
| LAlm-10 | Important | The module will integrate with NorthStar billing systems | Does Not Comply | We interface to Cry Wolf and PMAM. NorthStar can probably |
| LAlm-11 | Important | The system tracks all history assigned to a permit. | Comply | |
| LAlm-12 | Important | The system can reference all permit history. | Comply | |
| LAlm-13 | Important | The system can reference all permit activity. | Comply | |
| LAlm-14 | Important | The system is able to create department specific reports from any data field of the alarm record. | Comply | |

| Spec ID | Importance | Description of Capability Law Enforcement RMS Bicycle Registration | Bidder Response | Bidder Comment |
|--|------------|--|-----------------|----------------|
| Law Bicycle Registration | | | | |
| LBike-1 | Important | The system creates agency-defined registration types. | Comply | |
| LBike-2 | Important | The system tracks registration by agency-defined status. | Comply | |
| LBike-3 | Important | The system allows agency defined registration numbers, including auto incrementing of registration numbers. | Comply | |
| LBike-4 | Important | The system associates bicycle with registered owner. | Comply | |
| LBike-5 | Important | The register owner is entered into Master Name Index. | Comply | |
| At a minimum, the following owner information is tracked: | | | | |
| LBike-6 | Important | Address | Comply | |
| LBike-7 | Important | Race | Comply | |
| LBike-8 | Important | Sex | Comply | |
| LBike-9 | Important | The system tracks complete agency contact history of registered owner. | Comply | |
| LBike-10 | Important | The system tracks complete agency contact history of bicycle. | Comply | |
| LBike-11 | Important | The system is capable of searching all registered bicycles. | Comply | |
| The system tracks bicycle registration by: | | | | |
| LBike-12 | Important | Make | Comply | |
| LBike-13 | Important | Model | Comply | |
| LBike-14 | Important | Registered Owner | Comply | |
| LBike-15 | Important | Wheel size | Comply | user defined |
| LBike-16 | Important | RMS should duplicate the TxDOT CRASH system on error reporting in submitted accident reports. | Does Not Comply | |
| LBike-17 | Important | Color | Comply | |
| LBike-18 | Important | Serial number | Comply | |
| LBike-19 | Important | The system can attach a variety of supporting documents (of various types) to the bicycle registration record. | Comply | |
| LBike-20 | Important | The system generates agency specific reports on any or all captured fields. | Comply | |
| LBike-21 | Important | The system references all bicycle owners' agency history. | Comply | |

| Spec | Importance | Description of Capability Law Enforcement RMS Law Racial Profiling | Bidders Response | Bidders Comment |
|----------------------|------------|--|------------------|--|
| Law Racial Profiling | | | | |
| | | The system is capable of capturing all the necessary data to complete the Texas racial profiling report, as follows: | | |
| RacPrf-01 | Mandatory | The system is capable of submitting a report electronically to the Texas Commission on Law Enforcement | Comply | |
| RacPrf-02 | Mandatory | The user agency can add customizable fields | Does Not Comply | ICS maintains govt compliance for all of our agencies. |
| RacPrf-03 | Important | Sex/Gender (Selectable from drop down list) | Comply | |
| RacPrf-04 | Important | Race/Ethnicity (Selectable from drop down list) | Comply | |
| RacPrf-05 | Important | Race or ethnicity known prior to stop (Yes/No) | Comply | |
| RacPrf-06 | Important | Reason for stop (Selectable from drop down list) | Comply | |
| RacPrf-07 | Important | Address or approx. location of the traffic stop (Selectable from drop down list) | Comply | |
| RacPrf-08 | Important | Was a search conducted? (Yes/No) | Comply | |
| RacPrf-09 | Important | Reason for search (Selectable from drop down list) | Comply | |
| RacPrf-10 | Important | Was contraband discovered? (Yes/No) | Comply | |
| RacPrf-11 | Important | Description of contraband (Selectable from drop down list) | Comply | |
| RacPrf-12 | Important | Result of the stop (Selectable from drop down list) | Comply | |
| RacPrf-13 | Important | Arrest was based upon (Selectable from drop down list) | Comply | |
| RacPrf-14 | Important | Officer used physical force that resulted in bodily injury (Yes/No) | Comply | |

Fire RMS Specifications

The following thirty-nine (39) pages contain the ICS response for City of Denton Fire RMS Specifications.

| Spec ID | Importance | Description of Capability Fire RMS General Requirements | Vendor Response | Vendor Comment |
|--|---------------------|---|---------------------------------|---|
| Fire RMS General Requirements | | | | |
| FRMS-1 | Highly Advantageous | The System section of the CAD Functional Specifications applies to all applications and modules including Fire RMS | Does Not Comply | ER cannot control CAD functionality. ER can receive data from CAD via web-services or flat file parser. |
| FRMS-2 | Highly Advantageous | The Common tabs in the CAD Main Functional Specifications applies to all applications and modules including Fire RMS | Does Not Comply | ER cannot control CAD functionality. ER can receive data from CAD via web-services or flat file parser. |
| Security | | | | |
| FRMS-3 | Highly Advantageous | All requirements outlined in the System and General tabs (within the CAC functional matrix) must apply to the FRMS package | Does Not Comply | ER cannot control CAD functionality. ER can receive data from CAD via web-services or flat file parser. |
| FRMS-4 | Highly Advantageous | Once a report has been finalized and approved by the appropriate level supervisor, edit access to the report is locked out without the intervention of an authorized user | Comply | |
| FRMS-5 | Highly Advantageous | The system provides a method, including full audit trail information, to re-open a report for changes | Comply | |
| FRMS-6 | Highly Advantageous | The ability to restrict access to individual records related to persons and activities can be performed by an authorized user | Comply | |
| FRMS-7 | Highly Advantageous | All modules are compliant with HIPAA standards where applicable | Comply | |
| FRMS-8 | Highly Advantageous | The Fire RMS is tightly integrated with the proposed CAD system | Comply | Through our API, Web-Services and Flat File Parser, numerous options are available for CAD integration |
| FRMS-9 | Highly Advantageous | The Fire RMS is tightly integrated with the proposed Mobile Data system | Comply | Through our API, integration with Mobile Data systems should not be an issue. |
| Basic Capabilities | | | | |
| FRMS-10 | Highly Advantageous | FRMS records fully integrate with the CAD software | Comply | |
| FRMS-11 | Highly Advantageous | All CAD data fields are available / accessible from the FRMS | Comply | Through our API, Web-Services and Flat File Parser, numerous options are available for CAD integration |
| FRMS-12 | Highly Advantageous | The system provides full integration including automatic, seamless transfer of critical information between CAD, mobile computing and FRMS | Comply | Through our API, Web-Services and Flat File Parser, numerous options are available for CAD integration |
| FRMS-13 | Highly Advantageous | The system provides integration with CCG's FASTER fleet management software system | Does Not Comply | Though no current integration with this company exists, Emergency Reporting does have API Hooks built into its modules that will allow this vendor to develop an integration. |
| FRMS-14 | Highly Advantageous | The system provides integration with the ATF Bomb Arson Tracking System (BATS) | Does Not Comply | Though no current integration with this company exists, Emergency Reporting does have API Hooks built into its modules that will allow this vendor to develop an integration. |
| FRMS-15 | Highly Advantageous | The system provides integration with SunGard Public Sector's (formerly CRW) TRAKiT software | Does Not Comply | Though no current integration with this company exists, Emergency Reporting does have API Hooks built into its modules that will allow this vendor to develop an integration. |
| FRMS-16 | Highly Advantageous | An authorized user is able to generate hard-copy incident report | Comply | |
| FRMS-17 | Highly Advantageous | The triggers that set fire incident data transfer from CAD to FRMS are definable by the agency | Comply | This is a CAD function, an not FRMS function. ER does accept data sent in this manner from ICS through a Web Services Direct connection on a piecemeal basis |
| FRMS-18 | Highly Advantageous | The data transfer to the FRMS system can occur on unit dispatch | Comply | This is a CAD function, an not FRMS function. ER does accept data sent in this manner from ICS through a Web Services Direct connection on a piecemeal basis |
| FRMS-19 | Highly Advantageous | The data transfer to the FRMS system can be configured to transfer data upon each occurrence of a unit clearing the event | Comply | This is a CAD function, an not FRMS function. ER does accept data sent in this manner from ICS through a Web Services Direct connection on a piecemeal basis |
| FRMS-20 | Highly Advantageous | The data transfer to the FRMS system can be configured to transfer data upon the closure of an event | Comply | This is a CAD function, an not FRMS function. ER does accept data sent in this manner from ICS through a Web Services Direct connection on a piecemeal basis |
| FRMS-21 | Highly Advantageous | The data transfer to the FRMS system for a specific agency can be configured to occur upon the last unit from a specific agency clearing the event | Comply | This is a CAD function, an not FRMS function. ER does accept data sent in this manner from ICS through a Web Services Direct connection on a piecemeal basis |
| FRMS-22 | Highly Advantageous | The data transfer to the FRMS system can be configured to occur on user defined triggers (e.g. unit status changes) | Comply | This is a CAD function, an not FRMS function. ER does accept data sent in this manner from ICS through a Web Services Direct connection on a piecemeal basis |
| The data transfer to the FRMS system will occur on unit status changes, to include, but not limited to: | | | | |
| FRMS-23 | Highly Advantageous | Unit Dispatch | Comply | This is a CAD function, an not FRMS function. ER does accept data sent in this manner from ICS through a Web Services Direct connection on a piecemeal basis |
| FRMS-24 | Highly Advantageous | Unit On-scene | Comply | This is a CAD function, an not FRMS function. ER does accept data sent in this manner from ICS through a Web Services Direct connection on a piecemeal basis |
| FRMS-25 | Highly Advantageous | Unit clear from call | Comply | This is a CAD function, an not FRMS function. ER does accept data sent in this manner from ICS through a Web Services Direct connection on a piecemeal basis |
| FRMS-26 | Highly Advantageous | Unit available in Quarters | Comply | This is a CAD function, an not FRMS function. ER does accept data sent in this manner from ICS through a Web Services Direct connection on a piecemeal basis |
| FRMS-27 | Highly Advantageous | Event Closed | Comply | This is a CAD function, an not FRMS function. ER does accept data sent in this manner from ICS through a Web Services Direct connection on a piecemeal basis |
| The system supports, at a minimum, the capture / transfer from CAD of the following data elements for each CAD event: | | | | |
| FRMS-28 | Highly Advantageous | Event number | Comply | |
| FRMS-29 | Highly Advantageous | Report number | Comply | |
| FRMS-30 | Highly Advantageous | Event location | Comply | |
| FRMS-31 | Highly Advantageous | Update Location(s) | Comply | |
| FRMS-32 | Highly Advantageous | Event type and sub-type - initial | Partially Comply or Alternative | NFIRS Specification only asks for final disposition. Custom fields could be used to document initial type locally. |
| FRMS-33 | Highly Advantageous | Event type - final | Comply | |
| FRMS-34 | Highly Advantageous | Caller location | Comply | |
| FRMS-35 | Highly Advantageous | Caller name | Comply | |
| FRMS-36 | Highly Advantageous | Alternate call back number | Comply | |
| FRMS-37 | Highly Advantageous | Event priority | Comply | |
| FRMS-38 | Highly Advantageous | Call Back field (date and time) | Comply | |
| FRMS-39 | Highly Advantageous | Free-form text fields | Comply | |
| FRMS-40 | Highly Advantageous | Disposition (unlimited) | Partially Comply or Alternative | NFIRS Specification does not include a disposition field. Multiple narratives can be entered with unlimited text entry allowed. |
| FRMS-41 | Highly Advantageous | Time call received | Comply | |
| FRMS-42 | Highly Advantageous | Time dispatched | Comply | |

| | | | | |
|--|---------------------|--|---------------------------------|---|
| FRMS-43 | Highly Advantageous | Time first unit responded | Comply | |
| FRMS-44 | Highly Advantageous | Time first unit arrived | Comply | |
| FRMS-45 | Highly Advantageous | Time first unit cleared | Comply | |
| FRMS-46 | Highly Advantageous | Time last unit cleared | Comply | |
| FRMS-47 | Highly Advantageous | X,Y Coordinate | Comply | X, Y must be converted to Lat/Lon prior to export to FRMS. Incident Lat/Lon is available in the FRMS. |
| All CAD NFIRS required data elements, including, but not limited to: | | | | |
| FRMS-48 | Highly Advantageous | Units | Comply | |
| FRMS-49 | Highly Advantageous | Times | Comply | |
| FRMS-50 | Highly Advantageous | Personnel assigned | Comply | |
| FRMS-51 | Highly Advantageous | Alarm Level | Comply | |
| FRMS-52 | Highly Advantageous | Fire Reporting District | Comply | |
| The system supports, at a minimum, the capture / transfer from CAD of the following data elements for each unit logged on during a day/shift: | | | | |
| FRMS-53 | Highly Advantageous | Unit ID | Comply | |
| FRMS-54 | Highly Advantageous | Vehicle ID | Comply | |
| FRMS-55 | Highly Advantageous | MDD log in times | Partially Comply or Alternative | Typically a CAD Mobile function. If using ERS on MDC, audit tracking will show when a user logs in and logs out. |
| FRMS-56 | Highly Advantageous | MDD log out times | Partially Comply or Alternative | Typically a CAD Mobile function. If using ERS on MDC, audit tracking will show when a user logs in and logs out. |
| FRMS-57 | Highly Advantageous | Personnel assigned | Comply | |
| FRMS-58 | Highly Advantageous | All unit times | Comply | |
| FRMS-59 | Highly Advantageous | Radio alias ID | Partially Comply or Alternative | The FRMS can do unit alias. Radio alias is typically a CAD function. |
| The system supports, at a minimum the capture / transfer from CAD of the following data elements for each event to which the unit was assigned: | | | | |
| FRMS-60 | Highly Advantageous | Time dispatched | Comply | |
| FRMS-61 | Highly Advantageous | Time acknowledged | Does Not Comply | Typically a CAD function, not a NFIRS requirement. |
| FRMS-62 | Highly Advantageous | Time enroute | Comply | |
| FRMS-63 | Highly Advantageous | Time arrived | Comply | |
| FRMS-64 | Highly Advantageous | User defined milestones (e.g., turnout, staging, fire under control, fire knocked down, rescue complete, CPR, intubation etc.) | Does Not Comply | Only NFIRS required milestones, not user defined. |
| FRMS-65 | Highly Advantageous | Time departed on transport | Comply | |
| FRMS-66 | Highly Advantageous | Time arrived from transport | Comply | |
| FRMS-67 | Highly Advantageous | Time available | Comply | |
| FRMS-68 | Highly Advantageous | Time cleared | Comply | |
| Remote Access: | | | | |
| FRMS-69 | Highly Advantageous | The system supports a browser-based interface from any off site location | Comply | |
| FRMS-70 | Highly Advantageous | The browser based interface will function from any off-site location with Internet access | Comply | |
| FRMS-71 | Highly Advantageous | The system shall provide the same level of user-associated security through the web interfaces as with local client logons | Comply | |
| FRMS Reporting Requirements: | | | | |
| FRMS-72 | Highly Advantageous | The module must be fully integrated with FRMS application and all optional modules | Comply | |
| FRMS-73 | Highly Advantageous | The system has the ability to re-direct a print job to another printer when the primary printer is inoperative | Comply | |
| Ability when printing (or printing to file) reports to: | | | | |
| FRMS-74 | Highly Advantageous | Determine length of report prior to printing | Comply | |
| FRMS-75 | Highly Advantageous | Select printer | Comply | |
| FRMS-76 | Highly Advantageous | Specify number of copies | Comply | |
| FRMS-77 | Highly Advantageous | Specify page ranges and multiple pages | Comply | |
| FRMS-78 | Highly Advantageous | Print to any networked printer | Comply | |
| FRMS-79 | Highly Advantageous | Ability to preview reports on your monitor before or in lieu of printing | Comply | |
| Ability to track the following information after a report is printed: | | | | |
| FRMS-80 | Highly Advantageous | User ID | Comply | |
| FRMS-81 | Highly Advantageous | Destination of report printed (e.g., user, fire station, insurance company, etc.) | Partially Comply or Alternative | ER can tell when a report is printed and who printed it, not necessarily where the report was printed. As a SaaS model, some IP's are blocked by agencies/entities. |
| FRMS-82 | Highly Advantageous | Ability to do "screen capture" of the entire screen or sub-windows within a screen, and save the capture to a file or send it to a printer | Comply | As a SaaS product, normal browser abilities are available. If the browser can send to printer, it is available. ER can store any file types within the system. |
| FRMS-83 | Highly Advantageous | Ability to include department logos, addresses, and telephone numbers on printed reports and forms | Comply | |
| FRMS-84 | Highly Advantageous | Ability to attach any image data to reports and forms | Comply | Images/Files can be attached to records within all areas of the system, including an agency library. |
| FRMS-85 | Highly Advantageous | Ability to schedule and automatically generate daily, weekly, monthly, annually and user-defined reports | Does Not Comply | ER has no automated generation of reports. ER does not offer Ad-hoc reporting. |
| FRMS-86 | Highly Advantageous | Ability to print a single record, such as a fire incident record (i.e., FIRS Report) or pre-plan record | Comply | |
| FRMS-87 | Highly Advantageous | Ability to generate multiple standard reports per module to facilitate statistical analysis | Comply | |
| FRMS-88 | Highly Advantageous | Ability to access certain data with off-the-shelf programs, such as Excel, Seagate Crystal Reports, and ODBC as authorized. | Partially Comply or Alternative | ER can export to Excel, built in. Through our API, other off the shelf products can consume data. ODBC access to the production database is not available. |
| FRMS-89 | Highly Advantageous | An authorized user is able to print all code tables | Partially Comply or Alternative | Not available at this time, more information is needed from the agency as to the goal of the report. Some modules in the FRMS do allow for codes to be printed. |
| FRMS-90 | Highly Advantageous | An authorized user can generate any reports using a report wizard | Partially Comply or Alternative | Ad-hoc reporting is not available. Most of the 600+ available reports do have frontend query or filter options available to customize the results. |
| FRMS-91 | Highly Advantageous | The system allows the generation of ad hoc reports | Does Not Comply | Ad-hoc reporting is not available. |
| FRMS-92 | Highly Advantageous | The system allows data to be sorted based on any field of the report | Comply | Every report in the system, the data may be exported to Excel. At that point, the data may be sorted on any field. |
| FRMS-93 | Highly Advantageous | The system allows report data to be exported in ASCII, delimited format | Does Not Comply | Excel or CSV (Text format) only. |
| FRMS-94 | Highly Advantageous | The system allows a report to be converted to PDF format | Comply | |
| FRMS-95 | Highly Advantageous | The system allows report data to be exported to a GIS / mapping module | Comply | ER has Google Map integration is available for typical fire department use. Through our API, integration with external CAD/GIS is available. |
| FRMS-96 | Highly Advantageous | The system provides a report wizard that guides users through the steps of generating reports | Partially Comply or Alternative | Ad-hoc reporting is not available. Most of the 600+ available reports do have frontend query or filter options available to customize the results. |

| | | | | |
|---|---------------------|---|---------------------------------|---|
| FRMS-97 | Highly Advantageous | Authorized users can run a query on every field in the FRMS software to generate reports, including aggregate reporting (e.g. average score on exam, average number of personnel participating in training etc. | Does Not Comply | Queries are not available. Report data can be saved as Excel files. API could be used to query data as required. |
| FRMS-98 | Highly Advantageous | Any user can access any saved query when the appropriate security is provided | Does Not Comply | Queries are not available. Report data can be saved as Excel files. API could be used to query data as required. |
| FRMS-99 | Highly Advantageous | Users without specific security authorization can only access queries they have created | Does Not Comply | Queries are not available. Report data can be saved as Excel files. API could be used to query data as required. Roles and Permissions security is available to the agency. |
| Once data is extracted from a query, the user is able to: | | | | |
| FRMS-100 | Highly Advantageous | Save and Edit the query at a later date | Does Not Comply | Queries are not available. Report data can be saved as Excel files. API could be used to query data as required. |
| FRMS-101 | Highly Advantageous | Export to supported formats (e.g., Excel, XML, CSV, PDF text) | Does Not Comply | Queries are not available. Report data can be saved as Excel files. API could be used to query data as required. |
| FRMS-102 | Highly Advantageous | Plot data on a map | Does Not Comply | Queries are not available. Report data can be saved as Excel files. API could be used to query data as required. |
| FRMS-103 | Highly Advantageous | Generate and Print the final report | Does Not Comply | Queries are not available. Report data can be saved as Excel files. API could be used to query data as required. |
| FRMS-104 | Highly Advantageous | Users can only query data they are authorized to view within the system | Does Not Comply | Queries are not available. Report data can be saved as Excel files. API could be used to query data as required. |
| The system allows users to customize the following report elements: | | | | |
| FRMS-105 | Highly Advantageous | Font | Does Not Comply | As a SaaS product, normal browser abilities are available. If the browser allows it, it can be done. |
| FRMS-106 | Highly Advantageous | Color | Does Not Comply | As a SaaS product, normal browser abilities are available. If the browser allows it, it can be done. |
| FRMS-107 | Highly Advantageous | Alignment | Does Not Comply | As a SaaS product, normal browser abilities are available. If the browser allows it, it can be done. |
| FRMS-108 | Highly Advantageous | Titles and Subtitles | Partially Comply or Alternative | Fixed Titles and Subtitles on Reports. Agency name does appear. |
| FRMS-109 | Highly Advantageous | Graphics (e.g., agency logo) | Comply | System Admin Only |
| FRMS-110 | Highly Advantageous | The system supports electronic transfer of reports. | Partially Comply or Alternative | As a SaaS product, all reports reside in the cloud, transfer of reports is not needed. |
| FRMS-111 | Highly Advantageous | The system provides customizable pull-down menus that allow users to select data to query | Partially Comply or Alternative | Ad-hoc reporting is not available. Most of the 600+ available reports do have frontend query or filter options available to <u>customize the results</u> . |
| FRMS-112 | Highly Advantageous | The software supports pin-mapping | Partially Comply or Alternative | Department Stations, Hydrants and Occupancy Records can be visualized through Google Mapping integration. Incident responses are visualized through Heat Map with Google Mapping integration. |
| Reporting allows for the creation of graphic data representations including, but not limited to: | | | | |
| FRMS-113 | Highly Advantageous | Pie charts | Partially Comply or Alternative | The Reports module contains pre-defined reports to extract and analyze departmental data. Generated Reports display tabular results and, when possible, graphs such as bar or pie chart. |
| FRMS-114 | Highly Advantageous | Bar charts | Partially Comply or Alternative | The Reports module contains pre-defined reports to extract and analyze departmental data. Generated Reports display tabular results and, when possible, graphs such as bar or pie chart. |
| FRMS-115 | Highly Advantageous | Hot spots | Comply | ER has Google Map integration includes Heat Map capabilities for incidents. |
| FRMS-116 | Highly Advantageous | Scatter diagrams | Does Not Comply | |
| The system allows users to specify information such as, but not limited to, the following: | | | | |
| FRMS-117 | Highly Advantageous | Date and date ranges | Comply | |
| FRMS-118 | Highly Advantageous | Time and time ranges | Comply | |
| FRMS-119 | Highly Advantageous | FDIDs | Comply | |
| FRMS-120 | Highly Advantageous | Stations | Comply | |
| FRMS-121 | Highly Advantageous | Incident types | Comply | |
| FRMS-122 | Highly Advantageous | Any mapping layer | Partially Comply or Alternative | Available mapping layers include incidents (heat map), Stations, Hydrants and Occupancies. All presented on a street or satellite view on Google Maps. |
| FRMS-123 | Highly Advantageous | Subdivisions | Comply | |
| FRMS-124 | Highly Advantageous | Units | Comply | |
| FRMS-125 | Highly Advantageous | The system has the ability to name and save a query | Does Not Comply | Queries are not available. Report data can be saved as Excel files. API could be used to query data as required. |
| FRMS-126 | Highly Advantageous | The system has the ability to access a saved query | Does Not Comply | Queries are not available. Report data can be saved as Excel files. API could be used to query data as required. |
| Testing Software Updates and Patches | | | | |
| FRMS-127 | Highly Advantageous | The FRMS can test all vendor-provided updates and patches prior to implementation on the live system. | Partially Comply or Alternative | As a SaaS system, all updates to the software are provided to all ER customers simultaneously. Updates are rigorously tested on ER's Staging Environment prior to implementation into live system. Individual customers are not provided with <u>local testing capabilities</u> . |
| FRMS-128 | Highly Advantageous | All patches and updates will be implemented and evaluated on the test system prior to installation on the production system. | Partially Comply or Alternative | As a SaaS system, all updates to the software are provided to all ER customers simultaneously. Updates are rigorously tested on ER's Staging Environment prior to implementation into live system. Individual customers are not provided with <u>local testing capabilities</u> . |
| FRMS-129 | Highly Advantageous | Testing updates and patches do not impact the live system. Testing can operate concurrently with the live system without system degradation. | Partially Comply or Alternative | As a SaaS system, all updates to the software are provided to all ER customers simultaneously. Updates are rigorously tested on ER's Staging Environment prior to implementation into live system. Individual customers are not provided with <u>local testing capabilities</u> . |
| FRMS-130 | Highly Advantageous | The testing system can be physically separate from the live system. | Partially Comply or Alternative | As a SaaS system, all updates to the software are provided to all ER customers simultaneously. Updates are rigorously tested on ER's Staging Environment prior to implementation into live system. Individual customers are not provided with <u>local testing capabilities</u> . |
| FRMS-131 | Highly Advantageous | The selection of a workstation working with either the live or test system is performed at the workstation. | Partially Comply or Alternative | As a SaaS system, all updates to the software are provided to all ER customers simultaneously. Updates are rigorously tested on ER's Staging Environment prior to implementation into live system. Individual customers are not provided with <u>local testing capabilities</u> . |
| FRMS-132 | Highly Advantageous | The testing system can be updated and restarted without impacting the live system. | Partially Comply or Alternative | As a SaaS system, all updates to the software are provided to all ER customers simultaneously. Updates are rigorously tested on ER's Staging Environment prior to implementation into live system. Individual customers are not provided with <u>local testing capabilities</u> . |
| Training | | | | |
| FRMS-133 | Highly Advantageous | The system used for training is equivalent to the live system. | Comply | |
| FRMS-134 | Highly Advantageous | The vendor will provide system operation training to all agency system operators. | Comply | |

| | | | | |
|----------|---------------------|--|---------------------------------|--|
| FRMS-135 | Highly Advantageous | The vendor will provide system administration training to agency-defined system administrators. | Comply | |
| FRMS-136 | Highly Advantageous | The vendor will provide train-the-trainer training to agency-defined personnel designated as system trainers. | Comply | |
| FRMS-137 | Highly Advantageous | Operating the training system does not impact the live system. | Comply | |
| FRMS-138 | Highly Advantageous | The training system can operate concurrently with the live system without system response degradation. | Comply | |
| FRMS-139 | Highly Advantageous | The selection of a workstation working with either the live or training system is performed at the workstation. | Comply | |
| FRMS-140 | Highly Advantageous | The workstation can be switched between the training and live system without impacting the live system. | Comply | |
| FRMS-141 | Highly Advantageous | The vendor provides web-based system and component training. | Comply | |
| FRMS-142 | Highly Advantageous | The vendor provides video-based system and component training. | Comply | |
| FRMS-143 | Highly Advantageous | Training documentation will be provided by the vendor. | Comply | |
| FRMS-144 | Highly Advantageous | Training documentation will be provided in hard copy and electronic format. | Comply | |
| FRMS-145 | Highly Advantageous | The training documentation provided by the vendor can be edited/customized by the agency. | Partially Comply or Alternative | Emergency Reporting can provide training documentation pertinent to class materials when on-site. Electronic copies of this can be edited by agency. Posted training on ER's support site are not agency specific. |
| FRMS-146 | Highly Advantageous | The training system stays current with the versions of all components of the live system to stay in sync. The agency is able to synchronize the live and training systems. | Partially Comply or Alternative | The training and live environments will be identical in function however data synchronization between the two accounts is not available. |
| FRMS-147 | Highly Advantageous | The agency can clear all incidents from training databases and reset the incident and case numbering sequences for the training system. | Comply | Incidents must be manually deleted individually to accomplish this. |
| FRMS-148 | Highly Advantageous | The training system can be updated and restarted without impacting the live system. | Comply | |

| Spec ID | Importance | Description of Capability Fire RMS Station Activity Log | Vendor Response | Vendor Comment |
|--|---------------------|--|---------------------------------|--|
| Station Activity Log | | | | |
| FRpt-1 | Highly Advantageous | The system provides a station activity log for personnel to record activities performed at station while on-duty with free-text narrative and activity types selected from drop-down / pick list table | Comply | |
| FRpt-2 | Highly Advantageous | The system provides the ability to create user defined activity types (e.g. tours, fundraising, general station maintenance) | Comply | |
| The station activity log contains the following fields, at a minimum: | | | | |
| FRpt-3 | Highly Advantageous | Personnel | Comply | |
| FRpt-4 | Highly Advantageous | Activity Type | Comply | |
| FRpt-5 | Highly Advantageous | Hours | Comply | |
| FRpt-6 | Highly Advantageous | Narrative (free text) | Comply | |
| FRpt-7 | Highly Advantageous | User Defined Fields | Comply | |
| | | | | |
| FRpt-8 | Highly Advantageous | The system allows an authorized user to identify groups of personnel | Comply | |
| FRpt-9 | Highly Advantageous | Ability to assign groups to station activities | Comply | |
| Station activity log interfaces with: | | | | |
| FRpt-10 | Highly Advantageous | Training | Comply | |
| FRpt-11 | Highly Advantageous | Equipment maintenance scheduling | Partially Comply or Alternative | User's home screen displays scheduled maintenance items, not Station Activity Log. |
| FRpt-12 | Highly Advantageous | Inspections | Comply | |
| FRpt-13 | Highly Advantageous | Hydrant inspections | Comply | |
| FRpt-14 | Highly Advantageous | CAD incidents / events | Comply | |
| FRpt-15 | Highly Advantageous | Surveys (businesses, buildings, residences) | Partially Comply or Alternative | When surveys are documented as inspection types. |
| FRpt-16 | Highly Advantageous | Inspections (e.g. residential, businesses) | Comply | |
| FRpt-17 | Highly Advantageous | LOSAP module | Comply | |
| | | | | |
| FRpt-18 | Highly Advantageous | The ability to access any of the interfaced activities referenced above (hyperlink, double-click) | Comply | |
| Should include drop-down / pick list selection for: | | | | |
| FRpt-19 | Highly Advantageous | Personnel ID | Comply | |
| FRpt-20 | Highly Advantageous | Activity type | Comply | |

| Spec ID | Importance | Description of Capability Fire RMS Personnel and Training | Vendor Response | Vendor Comment |
|--|---------------------|---|---------------------------------|--|
| Fire Personnel and Training | | | | |
| General Requirements | | | | |
| PT-1 | Highly Advantageous | An authorized user can query training schedules based on a user-defined date range for an individual | Comply | |
| PT-2 | Highly Advantageous | An authorized user can query training schedules based on a user-defined date range for a group | Comply | |
| PT-3 | Highly Advantageous | An authorized user is able to view individual training records remotely | Comply | |
| PT-4 | Highly Advantageous | An authorized users can scan and attach images (e.g. certificates, photographs, other digital files) to individual's personnel record | Comply | |
| PT-5 | Highly Advantageous | The system will send automatic alerts/reports on pending certification expirations via e-mail | Partially Comply or Alternative | Internal Alerts via System Notifications |
| PT-6 | Highly Advantageous | The system will record an unlimited number of certifications per person | Comply | |
| PT-7 | Highly Advantageous | The system will record unlimited types of certifications per person | Comply | |
| PT-8 | Highly Advantageous | The system will track unlimited number of courses taken per person | Comply | |
| PT-9 | Highly Advantageous | The system will track unlimited types of courses taken per person | Comply | |
| PT-10 | Highly Advantageous | The system is able to attach any PC-based file (i.e. JPEG, scanned document, PDF, etc.) to each course or certification being tracked within a person's training record | Comply | |
| PT-11 | Highly Advantageous | The system will record an unlimited number of skills per person | Partially Comply or Alternative | Skills are not tracked in same manner as Certifications with award and expiration dates. Can be added as a Certification Category. |
| PT-12 | Highly Advantageous | The system will record an unlimited types of skills per person | Partially Comply or Alternative | Skills are not tracked in same manner as Certifications with award and expiration dates. Can be added as a Certification Category. |
| PT-13 | Highly Advantageous | The system will record an unlimited number of licenses per person | Partially Comply or Alternative | Licenses are not tracked in same manner as Certifications with award and expiration dates. Can be added as a Certification Category. |
| PT-14 | Highly Advantageous | The system will record an unlimited types of licenses per person | Partially Comply or Alternative | Licenses are not tracked in same manner as Certifications with award and expiration dates. Can be added as a Certification Category. |
| PT-15 | Highly Advantageous | An authorized user is able to restrict the types of data available for display by security | Comply | |
| The types of data available for display by security includes, but not limited to: | | | | |
| PT-16 | Highly Advantageous | Social Security number | Comply | |
| PT-17 | Highly Advantageous | Disciplinary records | Comply | |
| PT-18 | Highly Advantageous | Attached images and files | Partially Comply or Alternative | Personnel pictures and files related to Certifications may be stored in ER and are visible only to Administrative Staff. |
| PT-19 | Highly Advantageous | Evaluation records / results | Partially Comply or Alternative | Personnel evaluation tools are limited within ER to general notes. |
| PT-20 | Highly Advantageous | The system will allow a user to update certain fields in their personnel file | Does Not Comply | Only members with administrative rights are allowed to change personnel records. |
| The system is capable of generating reports for individuals using the following certification related parameters: | | | | |
| PT-21 | Highly Advantageous | Individuals that are certified | Comply | |
| PT-22 | Highly Advantageous | Individuals that are uncertified | Does Not Comply | |
| PT-23 | Highly Advantageous | Individuals that are due for certification | Comply | |
| PT-24 | Highly Advantageous | Individuals that are overdue for certification | Comply | |
| PT-25 | Highly Advantageous | An authorized user is able to input multiple employee activity records per screen to speed data entry | Partially Comply or Alternative | For Incidents, Events and Training records this is compliant. Not in Personnel Records. |
| PT-26 | Highly Advantageous | The system displays an individual's training history | Comply | |
| PT-27 | Highly Advantageous | The system is able to show only active personnel from the list of personnel for any field that requires the entry of staff / personnel (i.e. reporting officer field, etc.) | Partially Comply or Alternative | Available for Shift, Division, Rank, Station, |
| PT-28 | Highly Advantageous | The system will print complete employee history record. | Partially Comply or Alternative | Not through one, singular report but can be accomplished with multiple reports. |
| PT-29 | Highly Advantageous | The system is capable of generating reports for individuals that are members of multiple agencies including both career and volunteer staff. | Comply | If the personnel are entered in the account OR via Agency Friends |
| Personnel Records | | | | |
| Personnel Demographic Information | | | | |
| PT-30 | Highly Advantageous | The system tracks all personnel information for agency / EMS Department staff. | Comply | |
| Personnel demographic information tracked, at a minimum, includes: | | | | |
| PT-31 | Highly Advantageous | Name - Last | Comply | |
| PT-32 | Highly Advantageous | Name - First | Comply | |
| PT-33 | Highly Advantageous | Name - Middle | Comply | |
| PT-34 | Highly Advantageous | Suffix (Sr, Jr, II, etc.) | Comply | Often entered with Last Name field |
| PT-35 | Highly Advantageous | Former Name | Does Not Comply | |
| PT-36 | Highly Advantageous | Social Security Number for Benefits Processing | Partially Comply or Alternative | SSN Field available - Not used for benefits processing |
| PT-37 | Highly Advantageous | EIN Number | Comply | |
| PT-38 | Highly Advantageous | Telestaff Number | Comply | |
| PT-39 | Highly Advantageous | Home Address | Comply | |
| PT-40 | Highly Advantageous | Home City | Comply | |
| PT-41 | Highly Advantageous | Home State | Comply | |
| PT-42 | Highly Advantageous | Home Zip code | Comply | |
| PT-43 | Highly Advantageous | Home County | Does Not Comply | |
| PT-44 | Highly Advantageous | Mailing Address | Comply | |
| PT-45 | Highly Advantageous | Mailing City | Comply | |
| PT-46 | Highly Advantageous | Mailing State | Comply | |
| PT-47 | Highly Advantageous | Mailing Zip code | Comply | |
| Phone Numbers: | | | | |
| PT-48 | Highly Advantageous | Daytime Telephone Number | Comply | |
| PT-49 | Highly Advantageous | Night Time Telephone Number | Comply | |
| PT-50 | Highly Advantageous | Home Telephone Number | Comply | |
| PT-51 | Highly Advantageous | Mobile Phone Number | Comply | |
| PT-52 | Highly Advantageous | Pager Phone Number | Comply | |
| PT-53 | Highly Advantageous | Other Phone Number | Comply | |
| PT-54 | Highly Advantageous | Email Address | Comply | |
| PT-55 | Highly Advantageous | Secondary Email Address | Comply | |
| PT-56 | Highly Advantageous | Date of Birth | Comply | |

| | | | | |
|--|---------------------|--|---------------------------------|---|
| PT-57 | Highly Advantageous | Date of Death | Does Not Comply | |
| PT-58 | Highly Advantageous | Gender | Comply | |
| PT-59 | Highly Advantageous | Race | Comply | |
| PT-60 | Highly Advantageous | Ethnicity | Comply | |
| PT-61 | Highly Advantageous | Marital Status | Comply | Relationship field in Emergency Contact Info |
| PT-62 | Highly Advantageous | Physical descriptors | Does Not Comply | |
| PT-63 | Highly Advantageous | Clothing sizes (e.g., shoes, pants, shirt, hat, etc.) | Comply | Assigned equipment descriptions |
| PT-64 | Highly Advantageous | Member Occupation | Comply | |
| PT-65 | Highly Advantageous | Member Employer | Comply | |
| PT-66 | Highly Advantageous | Member Second Employer | Does Not Comply | |
| Personnel Assignment to Agencies | | | | |
| PT-67 | Highly Advantageous | The system has the ability for personnel to be members of multiple agencies. | Does Not Comply | |
| PT-68 | Highly Advantageous | Ability to relate personnel records to multiple FDID or agencies | Does Not Comply | |
| The system must be capable of collecting, storing and maintaining, at a minimum, the following information related to personnel assignment to agency: | | | | |
| PT-69 | Highly Advantageous | Agency FDID | Comply | |
| PT-70 | Highly Advantageous | Agency Number | Comply | FDID is the agency number |
| PT-71 | Highly Advantageous | Date hired | Comply | |
| PT-72 | Highly Advantageous | Physical Taken (yes / no) | Comply | |
| PT-73 | Highly Advantageous | Date Physical Taken | Comply | |
| PT-74 | Highly Advantageous | Medical examination information (record of when, type, and expiration)(e.g., breathing apparatus medical, driver's license medical). | Comply | Certifications |
| PT-75 | Highly Advantageous | Rank / job title | Comply | |
| PT-76 | Highly Advantageous | Current assignment - location | Comply | |
| PT-77 | Highly Advantageous | Current assignment - shift | Comply | |
| PT-78 | Highly Advantageous | Temporary assignment date | Does Not Comply | |
| PT-79 | Highly Advantageous | Temporary assignment expiration date | Does Not Comply | |
| PT-80 | Highly Advantageous | Personnel Assignment status | Comply | |
| PT-81 | Highly Advantageous | Seniority ranking | Partially Comply or Alternative | Available via Reports 677, 688, 689, 1221, 1400 |
| PT-82 | Highly Advantageous | Promotion / reclassification date | Comply | |
| PT-83 | Highly Advantageous | Probation end date | Comply | |
| PT-84 | Highly Advantageous | Last evaluation date | Comply | Can be configured via certifications |
| PT-85 | Highly Advantageous | Next evaluation date | Comply | Can be configured via certifications |
| PT-86 | Highly Advantageous | Name, ID of supervisor | Does Not Comply | |
| PT-87 | Highly Advantageous | Reporting Supervisor position (i.e. Rescue Chief, Fire Chief) | Does Not Comply | |
| PT-88 | Highly Advantageous | Performance evaluation results (should retain results for all reviews, with date and time stamps and name and ID of supervisor) | Comply | Via Notes Tab in Personnel |
| PT-89 | Highly Advantageous | Education (including prior to beginning at agency, plus updates from training records) | Comply | |
| PT-90 | Highly Advantageous | Certifications (cross referenced from Training records) | Comply | Certifications can be auto-generated from JPRs |
| PT-91 | Highly Advantageous | Certification(s) expiration date | Comply | |
| PT-92 | Highly Advantageous | Licenses | Comply | |
| PT-93 | Highly Advantageous | License(s) expiration date | Comply | |
| PT-94 | Highly Advantageous | CEUs | Comply | Via Training Codes and/or Standards |
| PT-95 | Highly Advantageous | Special skills | Comply | |
| PT-96 | Highly Advantageous | Issued equipment (unlimited) | Comply | |
| PT-97 | Highly Advantageous | Career / promotion history | Comply | |
| PT-98 | Highly Advantageous | Disciplinary records | Comply | |
| PT-99 | Highly Advantageous | Qualifications for "acting" status | Comply | Via Certifications |
| PT-100 | Highly Advantageous | Incentive qualification field (user defined field) | Does Not Comply | |
| PT-101 | Highly Advantageous | Personnel separation date from agency | Comply | |
| PT-102 | Highly Advantageous | Reason for personnel separation (e.g. resigned, retired, terminated, quit) | Comply | Via Notes Tab in Personnel |
| Personnel Health and Safety Information | | | | |
| PT-103 | Highly Advantageous | The system has the ability to track health and safety records for personnel | Does Not Comply | |
| PT-104 | Highly Advantageous | Ability to attach window type files | Does Not Comply | |
| PT-105 | Highly Advantageous | Ability to attach multiple injury case numbers to an individual | Does Not Comply | |
| The system must be capable of collecting, storing and maintaining, at a minimum, the following information related Personnel Health and Safety information: | | | | |
| PT-106 | Highly Advantageous | Member ID | Comply | |
| PT-107 | Highly Advantageous | Date Immunization Series Complete | Does Not Comply | |
| PT-108 | Highly Advantageous | Immunization Series Records on File (Y / N) | Does Not Comply | |
| PT-109 | Highly Advantageous | Injury / Exposure Case Number | Does Not Comply | |
| PT-110 | Highly Advantageous | Date of Injury / Exposure | Comply | |
| PT-111 | Highly Advantageous | Time of Injury / Exposure | Comply | |
| PT-112 | Highly Advantageous | Injury / Exposure Type | Comply | |
| PT-113 | Highly Advantageous | Injury / Exposure Descriptor | Comply | |
| PT-114 | Highly Advantageous | Injury / Exposure Report submitted (Y / N) | Comply | |
| PT-115 | Highly Advantageous | Injury / Exposure Narrative | Comply | |
| PT-116 | Highly Advantageous | Physical Results on File (Y / N) | Does Not Comply | |
| PT-117 | Highly Advantageous | Date of Last Physical | Comply | |
| PT-118 | Highly Advantageous | Result of Physical (Pass, Fail, Interim) | Comply | |
| PT-119 | Highly Advantageous | Type of Physical (NFPA, FF, EMS, other) | Comply | |
| PT-120 | Highly Advantageous | Emergency Contact Information | Comply | |
| Personnel Qualifications Information | | | | |
| PT-121 | Highly Advantageous | The system has the ability to track personnel qualifications | Comply | |
| Personnel qualifications records, at a minimum, includes: | | | | |
| PT-122 | Highly Advantageous | Member ID | Comply | |
| PT-123 | Highly Advantageous | Qualification / Certification Title | Comply | |
| PT-124 | Highly Advantageous | Qualification / Certification Date Achieved | Comply | |
| PT-125 | Highly Advantageous | Qualification / Certification Date Expires | Comply | |
| PT-126 | Highly Advantageous | Qualification / Certification for Job Title (FF1, EMS, etc.) | Comply | |
| PT-127 | Highly Advantageous | Present Station Rank | Comply | |
| PT-128 | Highly Advantageous | Highest Station Rank Recorded | Does Not Comply | |
| Personnel Gear Inventory | | | | |
| PT-129 | Highly Advantageous | The system has the ability to track gear inventory assigned to personnel | Comply | |
| Personnel Gear Inventory records, at a minimum, includes: | | | | |
| PT-130 | Highly Advantageous | Item Number | Comply | |
| PT-131 | Highly Advantageous | Item Serial Number | Comply | |
| PT-132 | Highly Advantageous | Item Description | Comply | |
| PT-133 | Highly Advantageous | Date Purchased | Comply | |

| | | | | |
|--|---------------------|--|-----------------|---|
| PT-134 | Highly Advantageous | Date Issued | Comply | |
| PT-135 | Highly Advantageous | Issued to Member | Comply | |
| PT-136 | Highly Advantageous | Date Returned | Comply | Can be documented for each piece of equipment, but not a separate field |
| PT-137 | Highly Advantageous | Date Destroyed | Comply | Can be documented for each piece of equipment, but not a separate field |
| PT-138 | Highly Advantageous | Date Sold | Comply | Can be documented for each piece of equipment, but not a separate field |
| PT-139 | Highly Advantageous | Date Lost | Comply | Can be documented for each piece of equipment, but not a separate field |
| PT-140 | Highly Advantageous | Expiration Date | Comply | Can be documented for each piece of equipment, but not a separate field |
| Personnel Leave of Absence | | | | |
| PT-141 | Highly Advantageous | The system has the ability to track leave of absence from an agency | Comply | |
| PT-142 | Highly Advantageous | Ability to alert an administrator and user that a user should be returning off leave | Does Not Comply | |
| Leave of Absence information to be tracked, at a minimum, includes: | | | | |
| PT-143 | Highly Advantageous | Agency FDID | Comply | |
| PT-144 | Highly Advantageous | Agency number | Comply | |
| PT-145 | Highly Advantageous | Start of leave of absence | Comply | |
| PT-146 | Highly Advantageous | End of leave of absence | Comply | |
| PT-147 | Highly Advantageous | Reason for leave of absence | Comply | |
| PT-148 | Highly Advantageous | Ability to add multiple records for leave of absence information | Does Not Comply | |
| Reports | | | | |
| PT-149 | Highly Advantageous | An authorized user is able to view and print list of upcoming, completed, or past due performance reviews for a specified period | Comply | Via Certifications |
| PT-150 | Highly Advantageous | The system displays and prints a summary report of individual instructor hours by class for a user-defined date range | Comply | |
| PT-151 | Highly Advantageous | The system displays and prints a summary report of individual instructor hours by class type for a user-defined date range | Comply | |
| PT-152 | Highly Advantageous | The system displays and prints the personnel that are currently scheduled for classes | Comply | |
| PT-153 | Highly Advantageous | The system displays and prints the personnel that have completed the selected training | Comply | |
| PT-154 | Highly Advantageous | The system will have the ability to display and print class roster: | Comply | |
| The ability to create station-specific reports on personnel to include: | | | | |
| PT-155 | Highly Advantageous | Members by Station | Comply | |
| PT-156 | Highly Advantageous | Members by length of service | Comply | |
| PT-157 | Highly Advantageous | Members by assigned agency | Comply | |
| PT-158 | Highly Advantageous | Members by class assignment | Does Not Comply | |
| PT-159 | Highly Advantageous | Members by rank | Comply | |
| PT-160 | Highly Advantageous | Training History | Comply | |
| The ability to print individual personnel records to include: | | | | |
| PT-161 | Highly Advantageous | Training History | Comply | |
| PT-162 | Highly Advantageous | Training Schedule | Comply | |
| PT-163 | Highly Advantageous | All recorded LOSAP activity | Comply | |
| PT-164 | Highly Advantageous | Individual LOSAP activity by category | Comply | |
| PT-165 | Highly Advantageous | Certifications held | Comply | |
| PT-166 | Highly Advantageous | Recertification dates | Comply | |
| Ability to display and print class roster information, including, but not limited to: | | | | |
| PT-167 | Highly Advantageous | Date for each class / program | Comply | |
| PT-168 | Highly Advantageous | List of all participants, station / shift | Comply | |
| PT-169 | Highly Advantageous | Grade information | Comply | |
| PT-170 | Highly Advantageous | Instructor name | Comply | |
| Ability to display and print rosters for, including but not limited to: | | | | |
| PT-171 | Highly Advantageous | Certified classes | Comply | |
| PT-172 | Highly Advantageous | College unit classes for credit | Comply | |
| PT-173 | Highly Advantageous | EMT certification | Comply | |
| PT-174 | Highly Advantageous | HAZMAT certification | Comply | |
| PT-175 | Highly Advantageous | State and/or national academy classes | Comply | |
| PT-176 | Highly Advantageous | Paramedic certification | Comply | |
| PT-177 | Highly Advantageous | Any local or agency specific training course | Comply | |
| PT-178 | Highly Advantageous | The system will have the ability to print a summary of training | Comply | |
| Ability to print a summary of training activity by: | | | | |
| PT-179 | Highly Advantageous | Date (including date range) | Comply | |
| PT-180 | Highly Advantageous | Individual | Comply | |
| PT-181 | Highly Advantageous | Training type | Comply | |
| PT-182 | Highly Advantageous | Station | Comply | |
| PT-183 | Highly Advantageous | Bureau | Comply | Multipicker function Report 1503 |
| PT-184 | Highly Advantageous | Division | Comply | Multipicker function Report 1503 |
| PT-185 | Highly Advantageous | Battalion | Comply | Multipicker function Report 1503 |
| PT-186 | Highly Advantageous | Agency | Comply | |
| PT-187 | Highly Advantageous | The system will have the ability to display and print an individual training summary report for a user-defined date range. | Comply | |
| Ability to display or print an individual training summary report for a user-defined date range will include, but not limited to: | | | | |
| PT-188 | Highly Advantageous | Employee information / personnel ID | Comply | |
| PT-189 | Highly Advantageous | All drills completed, with hours attended | Comply | |
| PT-190 | Highly Advantageous | All training classes completed, with hours attended | Comply | |
| The system will have the ability to display and print the following: | | | | |
| PT-191 | Highly Advantageous | Personnel by certification | Comply | |
| PT-192 | Highly Advantageous | Certification renewals by date | Comply | |
| PT-193 | Highly Advantageous | Instructor certifications | Comply | |
| PT-194 | Highly Advantageous | All courses taken between two dates | Comply | |
| PT-195 | Highly Advantageous | All courses held by an individual | Comply | |
| PT-196 | Highly Advantageous | All certifications held by an individual | Comply | |
| PT-197 | Highly Advantageous | All qualifications held by an individual | Comply | |
| PT-198 | Highly Advantageous | All courses held by a group | Comply | |
| PT-199 | Highly Advantageous | All certifications held by a group | Comply | |
| PT-200 | Highly Advantageous | All qualifications held by a group | Comply | |
| PT-201 | Highly Advantageous | All courses by type held by an individual | Comply | |
| PT-202 | Highly Advantageous | All training by type held by an individual | Comply | |
| PT-203 | Highly Advantageous | All courses by type held by a group | Comply | |
| PT-204 | Highly Advantageous | All training by type held by a group | Comply | |
| PT-205 | Highly Advantageous | All certifications due to expire within a specified period of time | Comply | |

| | | | | |
|---|---------------------|---|-----------------|---------------------------------|
| PT-206 | Highly Advantageous | Pending courses with open enrollment availability (e.g. bulletin board) | Comply | |
| PT-207 | Highly Advantageous | The system will be able to display and print training summary by battalion for a user-defined date range | Comply | |
| PT-208 | Highly Advantageous | The system will be able to display and print training summary by division for a user-defined date range | Comply | |
| PT-209 | Highly Advantageous | The system will be able to display and print training summary by agency for a user-defined date range | Comply | |
| PT-210 | Highly Advantageous | The system allows the user to create ad-hoc reports | Does Not Comply | |
| PT-211 | Highly Advantageous | The system allows access to a drop down list of standard reports | Comply | |
| The training summary by agency, battalion, division or company will include the following: | | | | |
| PT-212 | Highly Advantageous | Classes / drills held | Comply | |
| PT-213 | Highly Advantageous | Summary of hours | Comply | |
| Classes / Courses | | | | |
| PT-214 | Highly Advantageous | An authorized user is able to schedule participants for a class | Comply | |
| PT-215 | Highly Advantageous | The system is able to track available training classes | Comply | |
| PT-216 | Highly Advantageous | The system shall provide for an electronic web based class registration process for each employee, including sign off information by their supervisor | Comply | |
| PT-217 | Highly Advantageous | Ability to issue an acceptance or rejection to any course registration submission | Comply | |
| PT-218 | Highly Advantageous | Integration to email messaging for notifications of acceptance or rejection | Comply | |
| Training class data tracked, includes, but not limited to: | | | | |
| PT-219 | Highly Advantageous | Name / course title | Comply | |
| PT-220 | Highly Advantageous | Course code | Comply | |
| PT-221 | Highly Advantageous | Description | Comply | |
| PT-222 | Highly Advantageous | Location | Comply | |
| PT-223 | Highly Advantageous | Instructor | Comply | |
| PT-224 | Highly Advantageous | Number of hours of training | Comply | |
| PT-225 | Highly Advantageous | Certification | Comply | |
| PT-226 | Highly Advantageous | Certification duration | Comply | |
| PT-227 | Highly Advantageous | Date / time of course | Comply | |
| PT-228 | Highly Advantageous | Course roster | Comply | |
| PT-229 | Highly Advantageous | Student enrollment requests | Comply | |
| PT-230 | Highly Advantageous | Course waiting list | Does Not Comply | |
| PT-231 | Highly Advantageous | Station, county, state or federal course | Comply | |
| Instructor information includes, but is not limited to: | | | | |
| PT-232 | Highly Advantageous | Specialty | Comply | |
| PT-233 | Highly Advantageous | Qualifications | Comply | |
| PT-234 | Highly Advantageous | The system provides keyword inquiry searches on training class identification numbers | Comply | |
| PT-235 | Highly Advantageous | The system provides keyword inquiry searches on training class name | Comply | |
| PT-236 | Highly Advantageous | The system provides partial keyword inquiry searches on training class identification numbers | Comply | |
| PT-237 | Highly Advantageous | The system provides partial keyword inquiry searches on training class name | Comply | |
| PT-238 | Highly Advantageous | The system allows an authorized user to add personnel to selected classes. Those entered will be reflected as scheduled in subsequent training inquiry programs | Comply | |
| The system is able to track the following information for each training course: | | | | |
| PT-239 | Highly Advantageous | Accreditation agency | Comply | |
| PT-240 | Highly Advantageous | Course number | Comply | |
| PT-241 | Highly Advantageous | Instructor | Comply | |
| PT-242 | Highly Advantageous | Start date / time | Comply | |
| PT-243 | Highly Advantageous | End date / time | Comply | |
| PT-244 | Highly Advantageous | Location | Comply | |
| PT-245 | Highly Advantageous | Hours | Comply | |
| PT-246 | Highly Advantageous | Attendees | Comply | |
| PT-247 | Highly Advantageous | Grades | Comply | |
| PT-248 | Highly Advantageous | Duration (days and hours) | Comply | |
| PT-249 | Highly Advantageous | CEUs, if applicable | Comply | |
| PT-250 | Highly Advantageous | Number of students registered | Comply | |
| PT-251 | Highly Advantageous | Number of students attending | Comply | |
| Individual Training Records | | | | |
| PT-252 | Highly Advantageous | The system automatically updates individual training record based on recorded course results | Comply | |
| PT-253 | Highly Advantageous | The system alerts supervisors of training deficiencies (e.g. failed or missed class) | Does Not Comply | |
| PT-254 | Highly Advantageous | An authorized user can manually add previously attended training course: | Comply | |
| PT-255 | Highly Advantageous | An authorized user can manually add previously attained certification: | Comply | |
| PT-256 | Highly Advantageous | An authorized user can manually add previously attained qualification: | Comply | |
| PT-257 | Highly Advantageous | The system links the course / certification / program information and each individual personnel / training record | Comply | |
| The data displayed for the personnel's completed training and training that is currently scheduled will include, but not limited to: | | | | |
| PT-258 | Highly Advantageous | Training class identification number | Comply | |
| PT-259 | Highly Advantageous | Training class name | Comply | |
| PT-260 | Highly Advantageous | Date(s) of training | Comply | |
| PT-261 | Highly Advantageous | Training class duration | Comply | |
| PT-262 | Highly Advantageous | Training class cost | Does Not Comply | |
| PT-263 | Highly Advantageous | The system will capture personnel education history detail | Comply | |
| Education history detail includes, but not limited to: | | | | |
| PT-264 | Highly Advantageous | School | Comply | Can be added via Certifications |
| PT-265 | Highly Advantageous | Number of units / credits | Comply | Can be added via Certifications |
| PT-266 | Highly Advantageous | Years attended | Comply | Can be added via Certifications |
| PT-267 | Highly Advantageous | Degree(s) attained | Comply | Can be added via Certifications |
| PT-268 | Highly Advantageous | Special skills / qualifications | Comply | Can be added via Certifications |
| PT-269 | Highly Advantageous | Above skills / qualifications should be able to be queried from CAD (e.g. Paramedic, FF1, FF2, Spanish) | Does Not Comply | |
| PT-270 | Highly Advantageous | The system captures personnel training certification: | Comply | |
| Training certifications detail includes, but not limited to: | | | | |

| | | | | |
|---|---------------------|---|-----------------|------------|
| PT-271 | Highly Advantageous | Certification / license type | Comply | |
| PT-272 | Highly Advantageous | Date obtained | Comply | |
| PT-273 | Highly Advantageous | Date of expiration | Comply | |
| PT-274 | Highly Advantageous | Endorsements | Does Not Comply | |
| PT-275 | Highly Advantageous | Remarks | Comply | |
| | | | | |
| PT-276 | Highly Advantageous | The system will capture personnel courses and seminars attended (multiple) | Comply | |
| Courses and seminars attended detail include, but not limited to: | | | | |
| PT-277 | Highly Advantageous | Dates | Comply | |
| PT-278 | Highly Advantageous | Course / seminar name / title | Comply | |
| PT-279 | Highly Advantageous | Course number | Comply | |
| PT-280 | Highly Advantageous | Date training started (if applicable) | Comply | |
| PT-281 | Highly Advantageous | Date training ended | Comply | |
| PT-282 | Highly Advantageous | Hours completed | Comply | |
| PT-283 | Highly Advantageous | Location | Comply | |
| PT-284 | Highly Advantageous | Instructor | Comply | |
| PT-285 | Highly Advantageous | Instructor / school | Comply | |
| PT-286 | Highly Advantageous | Certification number | Comply | |
| PT-287 | Highly Advantageous | Completion status | Comply | |
| PT-288 | Highly Advantageous | State certifications | Comply | |
| PT-289 | Highly Advantageous | OSHA required safety training | Comply | |
| PT-290 | Highly Advantageous | Individual test scores, where applicable | Comply | |
| PT-291 | Highly Advantageous | Overall course score, where applicable | Comply | |
| PT-292 | Highly Advantageous | Pass / Fail, where applicable | Comply | |
| Training Record Retrieval | | | | |
| PT-293 | Highly Advantageous | The system will have the ability to retrieve training records | Comply | |
| Ability to retrieve training records by: | | | | |
| PT-294 | Highly Advantageous | Employee ID | Does Not Comply | Name only. |
| PT-295 | Highly Advantageous | Training start date | Comply | |
| PT-296 | Highly Advantageous | Training end date | Comply | |
| PT-297 | Highly Advantageous | Training type | Comply | |
| PT-298 | Highly Advantageous | Instructor | Comply | |
| PT-299 | Highly Advantageous | Agency | Comply | |
| PT-300 | Highly Advantageous | Bureau | Comply | |
| PT-301 | Highly Advantageous | Division | Comply | |
| PT-302 | Highly Advantageous | Battalion | Comply | |
| PT-303 | Highly Advantageous | Rank | Comply | |
| PT-304 | Highly Advantageous | Shift | Comply | |
| Training Programs (classes linked together related to a specific program and/or certification) | | | | |
| PT-305 | Highly Advantageous | The system can create and maintain agency personnel training programs | Comply | |
| PT-306 | Highly Advantageous | The system can track all of the agency personnel training programs | Comply | |
| PT-307 | Highly Advantageous | The system can schedule all of the agency personnel training programs | Comply | |
| PT-308 | Highly Advantageous | An authorized user can perform maintenance on training program: | Comply | |
| PT-309 | Highly Advantageous | An authorized user can inquire about an individual's training schedule | Comply | |
| PT-310 | Highly Advantageous | An authorized user can update an individual's training schedule | Comply | |
| PT-311 | Highly Advantageous | An authorized user can schedule training | Comply | |
| PT-312 | Highly Advantageous | The system associates specific training courses with an overall training program | Comply | |
| PT-313 | Highly Advantageous | An authorized user can add new training programs | Comply | |
| PT-314 | Highly Advantageous | An authorized user can modify existing training program: | Comply | |
| PT-315 | Highly Advantageous | An authorized user can delete a training program | Comply | |
| PT-316 | Highly Advantageous | An authorized user can add related staff attendance / participation information | Comply | |
| PT-317 | Highly Advantageous | An authorized user can delete related staff attendance / participation information | Comply | |
| PT-318 | Highly Advantageous | An authorized user can edit related staff attendance / participation information | Comply | |
| PT-319 | Highly Advantageous | The system documents and track training programs through the use of a training program form | Comply | |
| Components of the training program form includes, but not limited to: | | | | |
| PT-320 | Highly Advantageous | Program description | Comply | |
| PT-321 | Highly Advantageous | Certification program code | Comply | |
| PT-322 | Highly Advantageous | Duration | Comply | |
| PT-323 | Highly Advantageous | Requirements information | Comply | |
| PT-324 | Highly Advantageous | Training Type / Code | Comply | |
| PT-325 | Highly Advantageous | Description | Comply | |
| PT-326 | Highly Advantageous | Number of Hours | Comply | |
| PT-327 | Highly Advantageous | Personnel ID | Comply | |
| PT-328 | Highly Advantageous | Current Exam Score | Comply | |
| PT-329 | Highly Advantageous | Expiration Date | Comply | |
| Requirement Summary, which includes: | | | | |
| PT-330 | Highly Advantageous | Type (training or activity) | Comply | |
| PT-331 | Highly Advantageous | All associated Course Codes | Comply | |
| PT-332 | Highly Advantageous | Training Code | Comply | |
| PT-333 | Highly Advantageous | Hours Required | Comply | |
| PT-334 | Highly Advantageous | Current Hours | Comply | |
| PT-335 | Highly Advantageous | Balance | Comply | |
| PT-336 | Highly Advantageous | Details for training code (text entry) | Comply | |
| Course Vendors | | | | |
| PT-337 | Highly Advantageous | The system documents training vendor information through the use of a vendor records form | Does Not Comply | |
| Components of the vendor records must include: | | | | |
| PT-338 | Highly Advantageous | Vendor Name | Does Not Comply | |
| PT-339 | Highly Advantageous | Contact Name | Does Not Comply | |
| PT-340 | Highly Advantageous | Vendor ID | Does Not Comply | |
| PT-341 | Highly Advantageous | Vendor State ID | Does Not Comply | |
| PT-342 | Highly Advantageous | Vendor Class | Does Not Comply | |
| PT-343 | Highly Advantageous | Address | Does Not Comply | |
| PT-344 | Highly Advantageous | City, State, Zip | Does Not Comply | |
| PT-345 | Highly Advantageous | Phone Numbers | Does Not Comply | |
| PT-346 | Highly Advantageous | Email Address | Does Not Comply | |
| PT-347 | Highly Advantageous | Internet Address | Does Not Comply | |
| PT-348 | Highly Advantageous | PO Number (multiple) | Does Not Comply | |
| PT-349 | Highly Advantageous | Ability to attach images and files | Does Not Comply | |

| | | | | |
|--------|---------------------|--|-----------------|--|
| PT-350 | Highly Advantageous | Free text/narrative | Does Not Comply | |
| PT-351 | Highly Advantageous | Courses the vendors are teaching (e.g. OEMS, VOFP, NFPA) | Does Not Comply | |

| Spec ID | Importance | Description of Capability Fire RMS Permits | Vendor Response | Vendor Comment |
|--|--------------|--|---------------------------------|--|
| Fire RMS Permits | | | | |
| FPer-1 | Advantageous | The system is able to track permits | Comply | |
| FPer-2 | Advantageous | The system is able to issue permits | Comply | |
| FPer-3 | Advantageous | The system is able to access permit data from the CAD system | Comply | Through our API, Web-Services and Flat File Parser, numerous options are available for CAD integration |
| FPer-4 | Advantageous | Permit location will display in CAD as a premise alert while it is active | Comply | Through our API, Web-Services and Flat File Parser, numerous options are available for CAD integration |
| FPer-5 | Advantageous | The system is able to issue multiple permits (same or different types) for one occupancy | Comply | |
| FPer-6 | Advantageous | The system is able to track permit history | Comply | |
| FPer-7 | Advantageous | The system allows any active workstation to print to any printer available on the network | Comply | SaaS solution through a browser, if printer is available, ER can print to the printer. |
| FPer-8 | Advantageous | The ability to access Fire Permits module from mobile device (e.g. tablet, MCT, laptop) | Comply | |
| FPer-9 | Advantageous | Ability to capture electronic signatures | Comply | |
| FPer-10 | Advantageous | The ability to print permits out in the field | Comply | SaaS solution through a browser, if printer is available, ER can print to the printer. |
| The system has the ability to issue permits to: | | | | |
| FPer-11 | Advantageous | Individual | Comply | Issuance is through PDF, print or email. |
| FPer-12 | Advantageous | Location | Comply | Issuance is through PDF, print or email. |
| FPer-13 | Advantageous | Vehicle | Comply | Issuance is through PDF, print or email. |
| The system captures the following permit information including, but not limited to: | | | | |
| FPer-14 | Advantageous | Occupancy number | Comply | Tied directly to occupancy |
| FPer-15 | Advantageous | Address | Comply | |
| FPer-16 | Advantageous | Business name | Comply | |
| FPer-17 | Advantageous | Business owner | Comply | Captures Billing Name and Point of Contact |
| FPer-18 | Advantageous | Phone number | Comply | |
| FPer-19 | Advantageous | Business license number | Comply | Tied directly to occupancy |
| FPer-20 | Advantageous | Event name | Does Not Comply | |
| FPer-21 | Advantageous | Event type | Comply | |
| FPer-22 | Advantageous | Permit number | Comply | |
| FPer-23 | Advantageous | Date permit issued | Comply | |
| FPer-24 | Advantageous | Event start date | Comply | |
| FPer-25 | Advantageous | Event start time | Comply | |
| FPer-26 | Advantageous | Expiration date | Comply | |
| FPer-27 | Advantageous | Expiration time | Comply | |
| FPer-28 | Advantageous | Fee date | Comply | ER assumes permit date. |
| FPer-29 | Advantageous | Fee (Dollar Value collected) | Comply | |
| FPer-30 | Advantageous | Payment form | Does Not Comply | |
| FPer-31 | Advantageous | Permit detail | Comply | Permit Notes |
| FPer-32 | Advantageous | Comments | Comply | Permit Notes |
| FPer-33 | Advantageous | Inspector | Comply | |
| FPer-34 | Advantageous | Inspection number | Comply | ER has Permit Number and Agency Permit ID. |
| FPer-35 | Advantageous | Narrative | Comply | Permit Notes |
| FPer-36 | Advantageous | The system allows the ability for authorized users to create drop down lists to identify the reason for the permit | Comply | |
| FPer-37 | Advantageous | Address associates with the master location file | Comply | |
| FPer-38 | Advantageous | Vehicle associates with master vehicle file | Partially Comply or Alternative | Tied directly to occupancy |
| FPer-39 | Advantageous | Individual associates to the master name index | Partially Comply or Alternative | Tied directly to occupancy |
| Reason for the permit, at a minimum: | | | | |
| FPer-40 | Advantageous | New business | Comply | Configurable Permit Type |
| FPer-41 | Advantageous | New construction | Comply | Configurable Permit Type |
| FPer-42 | Advantageous | Building renovation / improvement | Comply | Configurable Permit Type |
| FPer-43 | Advantageous | Relocation | Comply | Configurable Permit Type |
| FPer-44 | Advantageous | Owner change | Comply | Configurable Permit Type |
| FPer-45 | Advantageous | User defined reason | Comply | Configurable Permit Type |
| The system indicates if a permit has been revoked by: | | | | |
| FPer-46 | Advantageous | Date | Comply | Permits can fail and date is included |
| FPer-47 | Advantageous | Reason | Comply | Permits are custom built and failed permits show criteria |
| FPer-48 | Advantageous | Resolution | Comply | Notes on permits can be shown as well as resolution |
| FPer-49 | Advantageous | Personnel ID | Comply | Personnel ID is included |
| FPer-50 | Advantageous | The system is able to generate letters for expired permits | Does Not Comply | |
| FPer-51 | Advantageous | The system is able to generate letters for permits whose expiration is upcoming | Does Not Comply | |

| Spec ID | Importance | Description of Capability Fire RMS NFIRS | Vendor Response | Vendor Comment |
|---|---------------------|--|---------------------------------|---|
| Fire NFIRS | | | | |
| National Fire Incident Reporting System (NFIRS) | | | | |
| NFIRS-1 | Highly Advantageous | The system exports user-selected portions of the FRMS database to a separate file, in a variety of standard file formats including .xml | Partially Comply or Alternative | Numerous Incident fields are available on our public API and can be integrated with other systems |
| NFIRS-2 | Highly Advantageous | The system captures all data elements necessary to generate complete fire incident reports compliant with NFIRS 5.0 standards | Comply | |
| NFIRS-3 | Highly Advantageous | The system captures all data elements necessary to generate complete fire incident reports compliant with Texas Fire Incident Reporting System (TEXFIRS) reporting standards | Comply | |
| NFIRS-4 | Highly Advantageous | Ability for multiple users to make entries and / or edit information on any individual NFIRS report | Comply | |
| NFIRS-5 | Highly Advantageous | Ability to flag auto-completed reports | Does Not Comply | System flags reports by Incomplete, Complete, and QC/QA. |
| NFIRS-6 | Highly Advantageous | Ability to capture incident data elements available in CAD system | Comply | |
| NFIRS-7 | Highly Advantageous | Ability to auto complete canceled Enroute NFIRS Incident Reports | Does Not Comply | Some user interaction is required. |
| NFIRS-8 | Highly Advantageous | CAD interface must have a near real-time live connection (not a close call download) | Comply | |
| NFIRS-9 | Highly Advantageous | Ability to associate incident reports written by different agencies with the same incident | Comply | ER has a feature called Agency Friends. If all agencies are users/customers, this can be configured where certain data elements and reports are available by all users. |
| NFIRS-10 | Highly Advantageous | Provide an area for user definable fields and labels | Comply | |
| NFIRS-11 | Highly Advantageous | Ability to accommodate "plus-one" codes | Partially Comply or Alternative | Customers can build custom fields to record additional information about incident responses if desired. Custom fields are able to be reported on. |
| NFIRS-12 | Highly Advantageous | Ability to print the complete NFIRS report in NFIRS form format | Comply | Incident Reports are NFIRS compliant but not necessarily in NFIRS specified layout. |
| NFIRS-13 | Highly Advantageous | Ability to print user-selected individual NFIRS modules | Does Not Comply | |
| NFIRS-14 | Highly Advantageous | The system shall allow any active workstation to print to any printer available or the network | Comply | |
| NFIRS-15 | Highly Advantageous | Browser-based front end user interface (data entry staff) | Comply | |
| The system must support all NFIRS required and supplemental forms, and the associated data elements and reporting requirements, as outlined below and as mandated by the State and FEMA: | | | | |
| NFIRS-16 | Highly Advantageous | NFIRS-1 Basic | Comply | |
| NFIRS-17 | Highly Advantageous | NFIRS-2 Fire | Comply | |
| NFIRS-18 | Highly Advantageous | NFIRS-3 Structure Fire | Comply | |
| NFIRS-19 | Highly Advantageous | NFIRS-4 Civilian Fire Casualty | Comply | |
| NFIRS-20 | Highly Advantageous | NFIRS-5 Fire Service Casualty | Comply | |
| NFIRS-21 | Highly Advantageous | NFIRS-6 EMS | Comply | |
| NFIRS-22 | Highly Advantageous | NFIRS-7 HazMat | Comply | |
| NFIRS-23 | Highly Advantageous | NFIRS-8 Wild land Fire | Comply | |
| NFIRS-24 | Highly Advantageous | NFIRS-9 Apparatus or Resources | Comply | |
| NFIRS-25 | Highly Advantageous | NFIRS-10 Personnel | Comply | |
| NFIRS-26 | Highly Advantageous | NFIRS-11 Arson | Comply | |
| NFIRS-27 | Highly Advantageous | NFIRS-1S Supplemental | Comply | |
| Ability to capture the following information for each apparatus dispatched on an incident, including, but not limited to: | | | | |
| NFIRS-28 | Highly Advantageous | Agency ID | Comply | |
| NFIRS-29 | Highly Advantageous | Alarm level | Does Not Comply | |
| NFIRS-30 | Highly Advantageous | Dispatch time | Comply | |
| NFIRS-31 | Highly Advantageous | First apparatus on scene (yes / no) | Comply | |
| NFIRS-32 | Highly Advantageous | Location of apparatus at dispatch | Partially Comply or Alternative | Through 3rd party partner products |
| Ability to capture dispatch and unit status time stamps from CAD, including: | | | | |
| NFIRS-33 | Highly Advantageous | Ability to prompt user for additional information or reports required based on the type of incident or incident code. | Comply | |
| NFIRS-34 | Highly Advantageous | Additional units added to call | Comply | |
| NFIRS-35 | Highly Advantageous | Apparatus clear time(s) | Comply | |
| NFIRS-36 | Highly Advantageous | Arrival at hospital time | Comply | |
| NFIRS-37 | Highly Advantageous | Arrival time | Comply | |
| NFIRS-38 | Highly Advantageous | Call cancelled enroute | Comply | |
| NFIRS-39 | Highly Advantageous | Call dispatched | Comply | |
| NFIRS-40 | Highly Advantageous | Call received | Comply | |
| NFIRS-41 | Highly Advantageous | Enroute time | Comply | |
| NFIRS-42 | Highly Advantageous | Geo-verification | Comply | |
| NFIRS-43 | Highly Advantageous | Incident clear time | Comply | |
| NFIRS-44 | Highly Advantageous | Ability to capture action taken by a mutual aid apparatus | Partially Comply or Alternative | ER has a feature called Agency Friends. If all agencies are users/customers, this can be configured where certain data elements and reports are available by all users. |
| NFIRS-45 | Highly Advantageous | Ability to flag and track unusual incidents (i.e. special studies) | Comply | Custom Questions and Custom Fields are available. |
| NFIRS-46 | Highly Advantageous | Ability to provide an audit trail of changes to incident reports (e.g. timestamp, user ID, record-ID, location entered, etc.) | Comply | |
| NFIRS-47 | Highly Advantageous | Ability to flag incomplete reports | Comply | |
| NFIRS-48 | Highly Advantageous | Ability of an individual to complete an NFIRS edit check | Comply | NFIRS rules are hard coded into NFIRS reporting, validation will alert the user of issues. |
| NFIRS-49 | Highly Advantageous | Ability to restrict edits to reports after approval process | Comply | |
| NFIRS-50 | Highly Advantageous | Ability of the system to identify missing data elements based on individual edit checks | Comply | NFIRS rules are hard coded into NFIRS reporting, validation will alert the user of issues. Custom Questions and Custom Fields can be set to required. |
| NFIRS-51 | Highly Advantageous | Ability to validate address against the CAD Centerline / Geo file | Comply | |
| NFIRS-52 | Highly Advantageous | All standard reporting should be the latest incident report version | Comply | |
| NFIRS-53 | Highly Advantageous | NFIRS updates, as required by the state and FEMA are provided at no additional charge | Comply | |
| NFIRS-54 | Highly Advantageous | Support manual entry of incident information. | Comply | |
| NFIRS-55 | Highly Advantageous | NFIRS required narrative fields equal the length defined as acceptable by NFIRS standards | Comply | |
| NFIRS-56 | Highly Advantageous | The ability to add unlimited narrative (not NFIRS required) | Comply | |

| | | | | |
|---|---------------------|---|---------------------------------|--|
| NFIRS-57 | Highly Advantageous | Supports word wrap in narrative fields | Comply | |
| NFIRS-58 | Highly Advantageous | Supports spell check in narrative fields | Comply | |
| NFIRS-59 | Highly Advantageous | Supports cut, copy and paste ability in narrative fields | Comply | |
| NFIRS-60 | Highly Advantageous | Supports ability to generate narratives based upon incident type | Does Not Comply | However, multiple narrative types are available. |
| NFIRS-61 | Highly Advantageous | Ability for incident reports to accommodate various forms of media (e.g. digital photos, video, etc.) as attachments | Comply | |
| NFIRS-62 | Highly Advantageous | Ability to provide individual security to any attached document referenced in item above | Does Not Comply | Rolls and Permissions is available, but not currently at the file attachment granularity. |
| NFIRS-63 | Highly Advantageous | Ability to automatically flag records with long response times | Comply | Response Analytics is available and does show individual incidents that violate time settings. |
| NFIRS-64 | Highly Advantageous | Ability to add supplements to reports (e.g. investigative follow-ups) | Partially Comply or Alternative | Multiple narrative types are available. Can do Investigation and supplemental reports through 3rd party partner products. |
| NFIRS-65 | Highly Advantageous | Ability to record multiple exposures as supplements to original incident | Comply | |
| NFIRS-66 | Highly Advantageous | Ability for supervisor to review and approve report | Comply | |
| NFIRS-67 | Highly Advantageous | Ability to enter mutual aid reports and record outside jurisdictional unit(s) ID and involvement | Partially Comply or Alternative | ER has a feature called Agency Friends. If all agencies are users/customers, this can be configured where certain data elements and reports are available by all users. Outside of Agency Friends, data would have to be recorded in the narratives. |
| The system provides the ability to enter reports via: | | | | |
| NFIRS-68 | Highly Advantageous | RMS Application | Comply | ER is a SaaS solution available across all operating systems using commonly available browsers. |
| NFIRS-69 | Highly Advantageous | Mobile Data Device (MDD) | Partially Comply or Alternative | SaaS solution. As long as the MDD has a standard internet browser and internet, system is available. |
| | | | | |
| NFIRS-70 | Highly Advantageous | The system provides a means to enter reports for non-verified locations (trails, waterways, etc.) | Comply | |
| NFIRS-71 | Highly Advantageous | The system provides the ability to start a report, save it and then return to it at a later time to complete it | Comply | |
| The ability to enter an unlimited number of: | | | | |
| NFIRS-72 | Highly Advantageous | Persons | Comply | |
| NFIRS-73 | Highly Advantageous | Property | Comply | In the sense of exposures, yes. |
| NFIRS-74 | Highly Advantageous | Vehicles | Comply | In the sense of exposures, yes. |
| NFIRS-75 | Highly Advantageous | Buildings | Comply | In the sense of exposures, yes. |
| Report Review Process: | | | | |
| NFIRS-76 | Highly Advantageous | The system provides a means for a user to submit reports electronically to a supervisor for review | Comply | |
| NFIRS-77 | Highly Advantageous | The system can be configured with the ability to submit reports to a group of supervisors versus a single supervisor | Partially Comply or Alternative | By default, incident records are staged for QA/QC, but not necessarily to a specific person, rather users at Supervisor level or above. |
| NFIRS-78 | Highly Advantageous | System provides a means to do a data validation process to ensure only valid codes have been entered before the report is transmitted | Comply | |
| NFIRS-79 | Highly Advantageous | System provides the user with warnings and will not transmit the report if mandatory fields are not completed | Comply | |
| NFIRS-80 | Highly Advantageous | The system allows the Supervisor(s) to edit a report during the review process | Comply | |
| NFIRS-81 | Highly Advantageous | The system allows the Supervisor to either edit the report or send it back to the personnel for correction | Comply | |
| NFIRS-82 | Highly Advantageous | The system allows for the Supervisor to attach electronic text to the report outlining the problem areas for the personnel | Comply | Can be initiated through Incident Review |
| NFIRS-83 | Highly Advantageous | The system has the ability to delete the needed corrective actions when the report is approved | Partially Comply or Alternative | No need to delete, notification is not done at the report level. Message Center. |
| NFIRS-84 | Highly Advantageous | The system allows reports to be automatically routed to defined users (e.g. Fire Marshals) based on user defined criteria (e.g. call types, building type, hazmat, etc.) | Does Not Comply | |
| NFIRS-85 | Highly Advantageous | The system allows reports to be automatically routed to defined groups of users (e.g. Chiefs) based on user defined criteria (e.g. call types, building type, hazmat, etc.) | Does Not Comply | |
| NFIRS-86 | Highly Advantageous | The system is capable of running a report that identifies all reports that have been submitted but have not been approved | Comply | |
| NFIRS-87 | Highly Advantageous | They provides a means for any authorized user to see the current status of any reports | Comply | |
| NFIRS-88 | Highly Advantageous | Ability to ensure that reports are compliant with NFIRS reporting requirements prior to submission | Comply | |
| The current status of reports can be searched, at a minimum, by: | | | | |
| NFIRS-89 | Highly Advantageous | Author | Comply | |
| NFIRS-90 | Highly Advantageous | Incident Number | Comply | |
| NFIRS-91 | Highly Advantageous | Reviewer / Supervisor | Comply | |
| NFIRS-92 | Highly Advantageous | Date | Comply | |
| NFIRS-93 | Highly Advantageous | Station | Comply | |

EXHIBIT 3-5 FIRE RMS SPECS

| Spec ID | Importance | Description of Capability Fire RMS Master Vehicle Index | Vendor Response | Vendor Comment |
|---|---------------------|---|---------------------------------|---|
| Fire Master Vehicle Index | | | | |
| FMVI-1 | Highly Advantageous | A Master Vehicle Index (MVI) is provided | Comply | The ER solution meets this requirement. |
| FMVI-2 | Highly Advantageous | Where multiple MVI specifications are described in this RFP (e.g., EMS, fire), the system will provide a single Master Vehicle file which encompasses the MVI specifications from each discipline | Partially Comply or Alternative | Emergency Reporting provides this for the Fire Department, but not for all vehicles across the disciplines. |
| FMVI-3 | Highly Advantageous | MVI will be initiated for any vehicle entry requirements | Comply | The ER solution meets this requirement. |
| FMVI-4 | Highly Advantageous | Any query of vehicle information will return MVI data from all system modules | Comply | The ER solution meets this requirement. |
| At a minimum, the system provides the following data as a part of the MVI: | | | | |
| FMVI-5 | Highly Advantageous | VIN | Comply | The ER solution meets this requirement. |
| FMVI-6 | Highly Advantageous | Make | Comply | The ER solution meets this requirement. |
| FMVI-7 | Highly Advantageous | Model | Comply | The ER solution meets this requirement. |
| FMVI-8 | Highly Advantageous | Year | Comply | The ER solution meets this requirement. |
| FMVI-9 | Highly Advantageous | Type | Comply | The ER solution meets this requirement. |
| FMVI-10 | Highly Advantageous | Color | Does Not Comply | |
| FMVI-11 | Highly Advantageous | Tag | Partially Comply or Alternative | ERS assumes State is equal to the home state of the agency |
| FMVI-12 | Highly Advantageous | Tag state | Partially Comply or Alternative | ERS assumes State is equal to the home state of the agency |
| FMVI-13 | Highly Advantageous | State permit number | Partially Comply or Alternative | ERS assumes State is equal to the home state of the agency |
| FMVI-14 | Highly Advantageous | Decal number | Does Not Comply | |
| FMVI-15 | Highly Advantageous | Decal expiration | Does Not Comply | |
| FMVI-16 | Highly Advantageous | Ability to attach standard PC files to any record (e.g., PDF, JPG) | Comply | Work orders allows standard file type(s) uploads. |
| FMVI-17 | Highly Advantageous | Owner | Comply | ERS assumes Owner is the agency |
| FMVI-18 | Highly Advantageous | Insurance company and policy number | Does Not Comply | |
| FMVI-19 | Highly Advantageous | ID of personnel assigned to vehicle | Does Not Comply | |
| FMVI-20 | Highly Advantageous | A mechanism exists to allow a chronology of changes to be tracked for a vehicle | Comply | Apparatus Reporting follows the VIN, allowing for chronological reporting. |
| FMVI-21 | Highly Advantageous | The MVI is accessible and integrated with all system modules where vehicle information is needed / referenced | Comply | This is available, however user roles/permissions will dictate who has access |
| FMVI-22 | Highly Advantageous | Ability to search MVI based on any data field or combination of data fields | Comply | Several canned reports are available for Apparatus Reporting |
| FMVI-23 | Highly Advantageous | Ability to attached external media files (scan, PDF, image etc.) to a specific vehicle record | Partially Comply or Alternative | Apparatus recorded in Emergency Reporting can have images attached. |
| FMVI-24 | Highly Advantageous | The system tracks accidents involving agency apparatus | Does Not Comply | |
| FMVI-25 | Highly Advantageous | The system tracks accidents involving agency personnel | Does Not Comply | |
| The data collected in accident reports includes, at a minimum: | | | | |
| FMVI-26 | Highly Advantageous | Vehicle type | Does Not Comply | |
| FMVI-27 | Highly Advantageous | Damage | Does Not Comply | |
| FMVI-28 | Highly Advantageous | Protection used | Does Not Comply | |
| FMVI-29 | Highly Advantageous | Type of collision | Does Not Comply | |
| FMVI-30 | Highly Advantageous | Speed | Does Not Comply | |
| FMVI-31 | Highly Advantageous | Posted speed(s) | Does Not Comply | |
| FMVI-32 | Highly Advantageous | Location (e.g., highway, parking lot, city street) | Does Not Comply | |

| Spec ID | Importance | Description of Capability Fire RMS Master Name Index | Vendor Response | Vendor Comment |
|--|---------------------|---|---------------------------------|--|
| Fire Master Name Index | | | | |
| FMNI-1 | Highly Advantageous | A Master Name Index (MNI) is provided for Fire RMS | Partially Comply or Alternative | Not a requirement of NFIRS. ePCR and NEMSIS do store patient data as it is gathered, includes frequent flyer lookup. |
| FMNI-2 | Highly Advantageous | The MNI is accessible and integrated with all modules where name information is needed referenced | Partially Comply or Alternative | Where needed in the FRMS and ePCR. |
| FMNI-3 | Highly Advantageous | Where multiple MNI specifications are described in this RFP (e.g., EMS, Fire, Law Enforcement), the system will provide a single Master Name file which encompasses the MNI specifications from each discipline | Partially Comply or Alternative | Specific only to FRMS and ePCR. Data could be extracted through the API to other disciplines. |
| FMNI-4 | Highly Advantageous | The MNI is accessible from CAD and integrated with names associated with CAD events (at agency discretion) | Partially Comply or Alternative | Specific only to FRMS and ePCR. Data could be extracted through the API to other disciplines |
| FMNI-5 | Highly Advantageous | An authorized user is able to expunge names and specific activity related to any individual / record | Does Not Comply | |
| FMNI-6 | Highly Advantageous | The system restricts access to social security numbers | Comply | |
| Standard soundexing does not provide sufficient capabilities for matching non-Anglo Saxon names. The system provides a robust method for identifying possible name matches, including but not limited to: | | | | |
| FMNI-7 | Highly Advantageous | Hispanic surnames which may not follow traditional English structures | Does Not Comply | |
| FMNI-8 | Highly Advantageous | Middle Eastern names which may not translate easily into European characters and spelling | Does Not Comply | |
| FMNI-9 | Highly Advantageous | Asian names which may not follow traditional English structures for given names and surnames | Does Not Comply | |
| FMNI-10 | Highly Advantageous | Support a true MNI where any events in the system will associate with the master name | Partially Comply or Alternative | Only as defined by NFIRS and NEMSIS. |
| At a minimum, the system provides the following data as a part of the MNI: | | | | |
| FMNI-11 | Highly Advantageous | First, middle and last names as individual fields | Comply | |
| FMNI-12 | Highly Advantageous | Social Security number (verified) | Partially Comply or Alternative | Only in the ePCR as defined by NEMSIS |
| FMNI-13 | Highly Advantageous | Date of birth (verified) | Comply | |
| FMNI-14 | Highly Advantageous | Driver's license number | Comply | |
| FMNI-15 | Highly Advantageous | FBI number | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-16 | Highly Advantageous | SID | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-17 | Highly Advantageous | Local ID number | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-18 | Highly Advantageous | Race | Comply | |
| FMNI-19 | Highly Advantageous | Ethnicity | Partially Comply or Alternative | Combined into Race |
| FMNI-20 | Highly Advantageous | Sex | Comply | |
| FMNI-21 | Highly Advantageous | Height | Comply | |
| FMNI-22 | Highly Advantageous | Weight | Comply | |
| FMNI-23 | Highly Advantageous | Build | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-24 | Highly Advantageous | Hair color | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-25 | Highly Advantageous | Hair length | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-26 | Highly Advantageous | Hair style | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-27 | Highly Advantageous | Eye color | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-28 | Highly Advantageous | Complexion | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-29 | Highly Advantageous | Photo | Partially Comply or Alternative | Photos can be added to the Personnel records, ePCR and to the incident files section. |
| FMNI-30 | Highly Advantageous | Scar, Marks and Tattoos (unlimited) | Partially Comply or Alternative | Only as defined by NFIRS and NEMSIS. |
| FMNI-31 | Highly Advantageous | Fingerprint data | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-32 | Highly Advantageous | 10 Print ID Number (Unique, System generated, Subject ID Number) | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-33 | Highly Advantageous | Known associates, linked back to MNI | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-34 | Highly Advantageous | Employer information | Comply | |
| FMNI-35 | Highly Advantageous | Emergency contact information | Comply | |
| FMNI-36 | Highly Advantageous | School information | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-37 | Highly Advantageous | Chronology of the changes to be tracked for an individual | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-38 | Highly Advantageous | Use caution flag | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| At a minimum, the system provides a mechanism to allow an unlimited number of versions of the following information to be tracked for each unique individual in the system: | | | | |
| FMNI-39 | Highly Advantageous | Aliases, each of which may contain all the above-described identifying information | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-40 | Highly Advantageous | Addresses, with user-defined types, e.g., home, work | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-41 | Highly Advantageous | Telephone number with user-defined types, e.g. home, work, cell, pager | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-42 | Highly Advantageous | Employer information | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-43 | Highly Advantageous | Emergency contact information | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-44 | Highly Advantageous | School information | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| At a minimum, the system provides the following types to be associated with individuals: | | | | |
| FMNI-45 | Highly Advantageous | Victim | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-46 | Highly Advantageous | Witness | Comply | Not a requirement of NFIRS or NEMSIS, though people can be attached to an incident report. |
| FMNI-47 | Highly Advantageous | Suspect | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-48 | Highly Advantageous | Associate | Comply | Not a requirement of NFIRS or NEMSIS, though people can be attached to an incident report. |
| FMNI-49 | Highly Advantageous | Relative | Comply | Not a requirement of NFIRS or NEMSIS, though people can be attached to an incident report. |
| FMNI-50 | Highly Advantageous | Arrestee | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-51 | Highly Advantageous | Person of interest | Does Not Comply | Not a requirement of NFIRS or NEMSIS. |
| FMNI-52 | Highly Advantageous | Owner | Comply | Not a requirement of NFIRS or NEMSIS, though people can be attached to an incident report. |
| FMNI-53 | Highly Advantageous | Driver | Comply | Not a requirement of NFIRS or NEMSIS, though people can be attached to an incident report. |
| FMNI-54 | Highly Advantageous | Passenger | Comply | Not a requirement of NFIRS or NEMSIS, though people can be attached to an incident report. |
| FMNI-55 | Highly Advantageous | Pedestrian | Comply | Not a requirement of NFIRS or NEMSIS, though people can be attached to an incident report. |

EXHIBIT 3-5 FIRE RMS SPECS

| | | | | |
|---------|---------------------|---|---------------------------------|---|
| FMNI-56 | Highly Advantageous | A chronology of changes to a individual record are tracked | Partially Comply or Alternative | Audit tracking is available throughout the system. |
| FMNI-57 | Highly Advantageous | An authorized user is able to see, in one location, all association to a person throughout the system, e.g., incident reports, training, equipment issued | Comply | |
| FMNI-58 | Highly Advantageous | Ability to run a standard report identifying potential duplicate MNI records | Partially Comply or Alternative | Reports are available to identify 'People involved for Incident Type' |
| FMNI-59 | Highly Advantageous | Ability to merge two or more MNI records into one MNI record | Does Not Comply | |
| FMNI-60 | Highly Advantageous | Ability to view a master name record and provide authorized user with the ability to merge the record with another existing record or create a new record | Does Not Comply | |
| FMNI-61 | Highly Advantageous | Ability to view all associated MNI records when querying a name | Does Not Comply | |
| FMNI-62 | Highly Advantageous | Ability to query MNI records on partial names | Does Not Comply | |
| FMNI-63 | Highly Advantageous | Ability to link an existing MNI record to a new event or incident | Comply | Within ePCR, a frequent flyer concept is in place. |

| Spec ID | Importance | Description of Capability Fire RMS Master Location Index | Vendor Response | Vendor Comment |
|--|---------------------|---|---------------------------------|---|
| Master Location Index | | | | |
| FMLI-1 | Highly Advantageous | The system supports a Master Location Index (MLI) which will integrate with CAD providing links to prior activity, pre-plans and history at addresses that will provide alerts in the CAD system | Comply | Specific only to FRMS. Data could be extracted through the API to other disciplines. Web-Services Direct is also available for bidirection data between CAD. |
| FMLI-2 | Highly Advantageous | Ability to interface to alarm billing software being used | Comply | Data could be consumed through the API to other software systems. |
| FMLI-3 | Highly Advantageous | Ability to see in one location all activities related to a specific address throughout the system. (e.g., any fire incidents, EMS incidents, investigations, permits, inspections, etc.) | Comply | Reports based on 'Incident Count for Occupancy' |
| FMLI-4 | Highly Advantageous | Where multiple MLI specifications are described in this RFP (e.g., EMS, Fire, Law Enforcement), the system will provide a single Master Location file which encompasses the MLI specifications from each discipline | Comply | Specific only to FRMS. Data could be extracted through the API to other disciplines. |
| FMLI-5 | Highly Advantageous | The MLI can be accessible from all modules where location information is needed / referenced | Comply | Where available through NFIRS or NEMSIS |
| FMLI-6 | Highly Advantageous | The MLI is integrated with the all other modules so as to minimize redundant entry of data | Comply | Where available through NFIRS or NEMSIS |
| FMLI-7 | Highly Advantageous | The MLI index is integrated with the hydrant module to show hydrants within 600 feet of building / business | Comply | Where available through NFIRS or NEMSIS |
| FMLI-8 | Highly Advantageous | The system is able to maintain building and occupancy information | Comply | |
| Building and occupancy information include the following: | | | | |
| FMLI-9 | Highly Advantageous | Address | Comply | |
| FMLI-10 | Highly Advantageous | Assessor parcel number (PIN) | Comply | |
| FMLI-11 | Highly Advantageous | Building name | Comply | |
| FMLI-12 | Highly Advantageous | Building number associated | Comply | |
| FMLI-13 | Highly Advantageous | Building / apartment / suite | Comply | |
| FMLI-14 | Highly Advantageous | Business fax number | Comply | |
| FMLI-15 | Highly Advantageous | Business name | Comply | |
| FMLI-16 | Highly Advantageous | Business phone number | Comply | |
| FMLI-17 | Highly Advantageous | Property Owner | Comply | |
| FMLI-18 | Highly Advantageous | Property Manager | Comply | |
| FMLI-19 | Highly Advantageous | Date of next inspection | Comply | |
| FMLI-20 | Highly Advantageous | Effective year built | Comply | |
| FMLI-21 | Highly Advantageous | Frequency of inspection | Comply | |
| FMLI-22 | Highly Advantageous | General property use (NFPA 901) | Comply | |
| FMLI-23 | Highly Advantageous | Hydrants | Comply | |
| FMLI-24 | Highly Advantageous | Occupancy classification codes | Comply | |
| FMLI-25 | Highly Advantageous | Inspection district | Comply | Through ER's use of zones. |
| FMLI-26 | Highly Advantageous | Monitoring company | Comply | |
| FMLI-27 | Highly Advantageous | Monitoring company contact number | Comply | |
| FMLI-28 | Highly Advantageous | Number of required exits | Comply | Through the use of OVAP |
| FMLI-29 | Highly Advantageous | Number of rooms / spaces | Partially Comply or Alternative | Not specific to number of rooms/spaces (square feet is a calculated field). |
| FMLI-30 | Highly Advantageous | Number of stories | Comply | |
| FMLI-31 | Highly Advantageous | Occupancy number | Comply | |
| FMLI-32 | Highly Advantageous | Occupancy status (e.g. residential, vacant, demolished) | Comply | |
| FMLI-33 | Highly Advantageous | Occupant load based on use per applicable Code | Comply | |
| FMLI-34 | Highly Advantageous | Occupational license number (e.g. permit number) | Comply | Business License # |
| FMLI-35 | Highly Advantageous | Reporting area | Partially Comply or Alternative | The 'Actions' area of the occupancy could be used for this information. |
| FMLI-36 | Highly Advantageous | Free text and / or user defined field(s) | Comply | |
| FMLI-37 | Highly Advantageous | Ability to attach any PC-based file to associated record | Comply | |
| FMLI-38 | Highly Advantageous | Square footage occupied | Comply | |
| FMLI-39 | Highly Advantageous | Unlimited user-defined building systems, components, and attributes. | Comply | |
| Elevator information to include, but not limited to: | | | | |
| FMLI-40 | Highly Advantageous | Key location information | Partially Comply or Alternative | Not specific to elevator information. Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. Master Key Location is available in the Occupancy info. |
| FMLI-41 | Highly Advantageous | Control room location | Partially Comply or Alternative | Not specific to elevator information. Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-42 | Highly Advantageous | Make / Vendor | Partially Comply or Alternative | Not specific to elevator information. Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-43 | Highly Advantageous | Maintenance provider | Partially Comply or Alternative | Not specific to elevator information. Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| Stand Pipe, including the following attributes: | | | | |
| FMLI-44 | Highly Advantageous | Wet or Dry | Comply | |
| FMLI-45 | Highly Advantageous | Location | Comply | |
| FMLI-46 | Highly Advantageous | FDC Connection Location | Comply | |
| FMLI-47 | Highly Advantageous | Date of test | Comply | |
| FMLI-48 | Highly Advantageous | Status of the business at this address | Comply | |
| FMLI-49 | Highly Advantageous | Target hazard flag | Comply | |
| FMLI-50 | Highly Advantageous | Time necessary to conduct inspection (minutes) | Comply | |
| FMLI-51 | Highly Advantageous | Total square footage | Comply | |
| Water Flow, with the following attributes: | | | | |
| FMLI-52 | Highly Advantageous | Date of test | Comply | |
| FMLI-53 | Highly Advantageous | Diameter | Comply | |
| FMLI-54 | Highly Advantageous | Year building constructed | Comply | |
| FMLI-55 | Highly Advantageous | Year business began at this address | Comply | Can be stored in the Occupancy History. |
| FMLI-56 | Highly Advantageous | Date sprinkler last tested | Comply | |
| FMLI-57 | Highly Advantageous | Fire alarm installer (contractor) | Comply | |
| FMLI-58 | Highly Advantageous | Fire alarm system present | Comply | |
| FMLI-59 | Highly Advantageous | Location of fire alarm panel | Comply | |
| FMLI-60 | Highly Advantageous | Lock box location | Comply | |
| FMLI-61 | Highly Advantageous | Access Code (e.g. lock box code) | Comply | |
| FMLI-62 | Highly Advantageous | Protection system and type (multiple) | Comply | |

| | | | | |
|---|---------------------|--|---------------------------------|---|
| FMLI-63 | Highly Advantageous | Sprinkler contractor name | Partially Comply or Alternative | Not specific fields in Sprinkler information. Protection Systems Notes, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-64 | Highly Advantageous | Sprinkler contractor address | Partially Comply or Alternative | Not specific fields in Sprinkler information. Protection Systems Notes, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-65 | Highly Advantageous | Sprinkler contractor phone number | Partially Comply or Alternative | Not specific fields in Sprinkler information. Protection Systems Notes, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-66 | Highly Advantageous | Sprinkler contractor cell phone number | Partially Comply or Alternative | Not specific fields in Sprinkler information. Protection Systems Notes, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-67 | Highly Advantageous | Sprinkler contractor fax number | Partially Comply or Alternative | Not specific fields in Sprinkler information. Protection Systems Notes, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-68 | Highly Advantageous | Sprinkler plan code number | Partially Comply or Alternative | Not specific fields in Sprinkler information. Protection Systems Notes, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-69 | Highly Advantageous | User defined fields | Comply | Multiple user defined fields are available in the Occupancy module. |
| Alarm Company Information including: | | | | |
| FMLI-70 | Highly Advantageous | Alarm company | Partially Comply or Alternative | Not specific fields in Sprinkler information. Protection Systems Notes, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-71 | Highly Advantageous | Telephone number | Partially Comply or Alternative | Not specific fields in Sprinkler information. Protection Systems Notes, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-72 | Highly Advantageous | Account number | Partially Comply or Alternative | Not specific fields in Sprinkler information. Protection Systems Notes, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-73 | Highly Advantageous | Reset Code | Partially Comply or Alternative | Not specific fields in Sprinkler information. Protection Systems Notes, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-74 | Highly Advantageous | Construction type | Comply | |
| FMLI-75 | Highly Advantageous | Roof type | Comply | |
| FMLI-76 | Highly Advantageous | Floor type | Comply | |
| FMLI-77 | Highly Advantageous | Wall type | Comply | |
| FMLI-78 | Highly Advantageous | Number of floors above ground | Comply | |
| FMLI-79 | Highly Advantageous | Number of floors below ground | Comply | |
| Fire Extinguishers, including the following information : | | | | |
| FMLI-80 | Highly Advantageous | Number | Comply | Documented in Fire Protection Systems per Occupancy |
| FMLI-81 | Highly Advantageous | Type | Comply | Documented in Fire Protection Systems per Occupancy |
| FMLI-82 | Highly Advantageous | Hose lines stations available | Comply | Documented in Fire Protection Systems per Occupancy |
| FMLI-83 | Highly Advantageous | The system is able to track multiple fire protection systems (e.g., Smoke removal systems, Smoke control systems, Fire Command rooms, suppression systems) | Comply | |
| The ability to track multiple fire protection systems that may be present in any building / structure includes, but is not limited to: | | | | |
| FMLI-84 | Highly Advantageous | Pertinent systems information | Comply | |
| FMLI-85 | Highly Advantageous | Location at occupancy | Comply | |
| FMLI-86 | Highly Advantageous | Capability and / or capacity | Comply | |
| FMLI-87 | Highly Advantageous | Systems control contact information | Comply | |
| FMLI-88 | Highly Advantageous | User-defined fields | Partially Comply or Alternative | Not directly in Fire Protection Systems. Occupancy Actions has user definable values. |
| FMLI-89 | Highly Advantageous | Narrative entry capability | Comply | |
| Protection / Life Safety Features | | | | |
| FMLI-90 | Highly Advantageous | The system is able to track protection / life safety features associated with a business | Comply | |
| The following protection / life safety features associated with a business will be tracked: | | | | |
| FMLI-91 | Highly Advantageous | Occupancy number | Comply | |
| FMLI-92 | Highly Advantageous | Business name | Comply | |
| FMLI-93 | Highly Advantageous | Address | Comply | |
| FMLI-94 | Highly Advantageous | Knox box (padlock / electric switch) | Comply | |
| FMLI-95 | Highly Advantageous | Location of hidden key for building access | Comply | |
| FMLI-96 | Highly Advantageous | Method of access | Comply | |
| FMLI-97 | Highly Advantageous | Fire Department Control (FDC) panel location | Comply | |
| FMLI-98 | Highly Advantageous | Location of FDC for sprinkler systems (multiple) | Comply | |
| FMLI-99 | Highly Advantageous | Type of standpipe | Comply | |
| FMLI-100 | Highly Advantageous | Location of standpipe supply inlets (multiple) | Comply | |
| FMLI-101 | Highly Advantageous | Location of standpipe outlets (multiple) | Comply | |
| FMLI-102 | Highly Advantageous | PIV or OSY valves | Comply | |
| FMLI-103 | Highly Advantageous | Description of hazards | Comply | |
| FMLI-104 | Highly Advantageous | Outlet location | Comply | |
| Utility Providers (water, electrical, gas): | | | | |
| FMLI-105 | Highly Advantageous | Type | Comply | Through Pre-Fire Plan Notes |
| FMLI-106 | Highly Advantageous | Provider | Comply | Through Pre-Fire Plan Notes |
| FMLI-107 | Highly Advantageous | 24 x 7 Emergency Phone Number | Comply | Through Contacts/Pre-Fire Plan Notes |
| Shut-off Locations, including the following information: | | | | |
| FMLI-108 | Highly Advantageous | Electrical | Comply | Pre-Fire Plans |
| FMLI-109 | Highly Advantageous | Gas | Comply | Pre-Fire Plans |
| FMLI-110 | Highly Advantageous | Water | Comply | Fire Protection Systems |
| FMLI-111 | Highly Advantageous | Nitrous Oxide | Comply | |
| FMLI-112 | Highly Advantageous | Remarks | Comply | |
| Hazardous Material Information | | | | |

| | | | | |
|---|---------------------|---|---------------------------------|---|
| FMLI-113 | Highly Advantageous | The system is able to maintain information on hazardous materials located at business locations | Comply | CAMEO link to chemical database. |
| The following information is tracked on hazardous materials located at business locations: | | | | |
| FMLI-114 | Highly Advantageous | Occupancy number | Comply | |
| FMLI-115 | Highly Advantageous | Business name | Comply | |
| FMLI-116 | Highly Advantageous | Reporting area | Comply | |
| FMLI-117 | Highly Advantageous | Full address | Comply | |
| FMLI-118 | Highly Advantageous | Business Site Plan (Y / N) | Comply | |
| | | | | |
| FMLI-119 | Highly Advantageous | The system has the ability to apply a 704 placard to the record based on the chemical information attached to the location. | Comply | CAMEO link to chemical database. |
| Chemical Information (multiple), with the following information: | | | | |
| FMLI-120 | Highly Advantageous | Chemical name | Comply | CAMEO link to chemical database. |
| FMLI-121 | Highly Advantageous | Chemical trade name (Synonym) | Comply | CAMEO link to chemical database. |
| FMLI-122 | Highly Advantageous | Chemical brand name (Synonym) | Comply | CAMEO link to chemical database. |
| FMLI-123 | Highly Advantageous | Hazardous Classification | Comply | CAMEO link to chemical database. |
| FMLI-124 | Highly Advantageous | Department of Transportation (DOT) number | Comply | CAMEO link to chemical database. |
| FMLI-125 | Highly Advantageous | Chemical Abstract Services (CAS) identification number | Comply | CAMEO link to chemical database. |
| FMLI-126 | Highly Advantageous | Toxicity code | Comply | CAMEO link to chemical database. |
| FMLI-127 | Highly Advantageous | Materials Safety Data Sheet reference number | Partially Comply or Alternative | Can be stored in chemical notes. |
| FMLI-128 | Highly Advantageous | Hazard classification code (DOT guide book) | Comply | CAMEO link to chemical database. |
| FMLI-129 | Highly Advantageous | Ambient State | Comply | CAMEO link to chemical database. |
| FMLI-130 | Highly Advantageous | Amount of stored chemical / maximum stored | Partially Comply or Alternative | One volume capacity documented. Can add to notes. |
| FMLI-131 | Highly Advantageous | Amount of stored chemical / average stored | Partially Comply or Alternative | One volume capacity documented. Can add to notes. |
| FMLI-132 | Highly Advantageous | Unit of measure | Comply | CAMEO link to chemical database. |
| FMLI-133 | Highly Advantageous | Location of the material stored on premise | Comply | CAMEO link to chemical database. |
| FMLI-134 | Highly Advantageous | Remarks | Comply | CAMEO link to chemical database. |
| | | | | |
| FMLI-135 | Highly Advantageous | The system associates all occupancy records together for comprehensive review and reporting | Comply | |
| FMLI-136 | Highly Advantageous | The system is able to embed MSDS with occupancy records | Comply | MSDS can be attached to the files section of the Occupancy record. |
| Storage Tanks | | | | |
| FMLI-137 | Highly Advantageous | The system is able to manage information about under and above ground storage tanks | Partially Comply or Alternative | Storage tanks are not specified regarding above/under ground. Notes can be used to differentiate |
| The following information is tracked about under and above ground storage tanks: | | | | |
| FMLI-138 | Highly Advantageous | Abandoned in place | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-139 | Highly Advantageous | Amount of inspection fee | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-140 | Highly Advantageous | Business name | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-141 | Highly Advantageous | Tank Owner | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-142 | Highly Advantageous | Owner Contact Information | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-143 | Highly Advantageous | Capacity of tank (gallons) | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-144 | Highly Advantageous | Construction of tank | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-145 | Highly Advantageous | Contents of tank | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-146 | Highly Advantageous | Date of installation | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-147 | Highly Advantageous | Date tank was filled | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-148 | Highly Advantageous | Date tank was removed | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-149 | Highly Advantageous | Initial inspection date | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-150 | Highly Advantageous | Last date of inspection | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-151 | Highly Advantageous | Location code | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-152 | Highly Advantageous | Manufacturer of tank | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-153 | Highly Advantageous | Model number of tank | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-154 | Highly Advantageous | Name of company that removed tank | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-155 | Highly Advantageous | Name of tank installer | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-156 | Highly Advantageous | Serial number of tank | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |

EXHIBIT 3-5 FIRE RMS SPECS

| | | | | |
|----------|---------------------|---|---------------------------------|---|
| FMLI-157 | Highly Advantageous | UL Number | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-158 | Highly Advantageous | Tank type (under or above ground) | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-159 | Highly Advantageous | Monitoring device used | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-160 | Highly Advantageous | Pumped Device used | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-161 | Highly Advantageous | Type Pump | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-162 | Highly Advantageous | Vapor recovery system | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-163 | Highly Advantageous | Tank / container number | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-164 | Highly Advantageous | GPS Coordinates for Tank location | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |
| FMLI-165 | Highly Advantageous | USNG information related to Tank location | Partially Comply or Alternative | Not specific to tanks. Inspections, Prefire Plans, Permits or Actions could be used to store this information. Can be accomplished through a 3rd party partner product. |

EXHIBIT 3-5 FIRE RMSS SPECS

| Spec ID | Importance | Description of Capability Fire RMS Fire Investigations | Vendor Response | Vendor Comment |
|--|--------------|---|-----------------|---|
| Fire Investigations | | | | |
| FInv-1 | Advantageous | The system can track Fire discipline related investigations | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-2 | Advantageous | The system can cross reference to related Law Enforcement investigations | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-3 | Advantageous | The system has the ability to link a record to a fire incident number | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-4 | Advantageous | The system restricts access to data pertaining to juvenile offenders to authorized users only | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-5 | Advantageous | The juvenile offenders section within the investigations module has separate security settings | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-6 | Advantageous | The system supports the ability to create multiple investigation types | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-7 | Advantageous | The system upholds strict security allowing only authorized user(s) access to investigation records | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-8 | Advantageous | The system allows the designation of an incident as a potential arson, with ability to record additional fields of associated information | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-9 | Advantageous | The system is able to secure investigative records to limit individual and group access to individual or multiple records | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| Investigation data includes, but is not limited to: | | | | |
| FInv-10 | Advantageous | FD investigator name and ID | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-11 | Advantageous | FD incident number | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-12 | Advantageous | FD case number | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-13 | Advantageous | PD investigator assigned | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-14 | Advantageous | PD case number | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-15 | Advantageous | Date case begun | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-16 | Advantageous | Date case closed | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-17 | Advantageous | Investigation location / address | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |

| | | | | |
|--|--------------|---|--------|---|
| FInv-18 | Advantageous | Witness information / statements (unlimited) | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-19 | Advantageous | Victim information / statements (unlimited) | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-20 | Advantageous | Property occupant | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-21 | Advantageous | Property owner | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-22 | Advantageous | Property owner address | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-23 | Advantageous | Who collected evidence | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-24 | Advantageous | Property type (i.e. evidence, property, sample, etc.) | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-25 | Advantageous | Track chain-of-evidence | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-26 | Advantageous | Characteristics of modus operandi | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-27 | Advantageous | Narrative | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| | | | | |
| FInv-28 | Advantageous | The system is able to attach graphic file(s) to an investigation record (e.g., scene diagram) | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-29 | Advantageous | The system is able to restrict an assigned investigator to certain information | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-30 | Advantageous | The system is able to assign investigator(s) to case | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-31 | Advantageous | The system is able to relate many incidents to one case | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-32 | Advantageous | The system is able to attach any Windows-compliant file(s) to an investigation record (e.g. JPEG, video, image) | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-33 | Advantageous | The system allows case status to be updated with ongoing activities and notes | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-34 | Advantageous | The system is able to import, link, or attach initial reports into the investigation record | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| Property and Evidence | | | | |
| The system tracks, at a minimum, the following: | | | | |
| FInv-35 | Advantageous | Property and Evidence is provided by or integrates with the Law Enforcement Property and Evidence Module | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |

EXHIBIT 3-5 FIRE RMSS SPECS

| | | | | |
|---------|--------------|---|--------|---|
| FInv-36 | Advantageous | Report number | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-37 | Advantageous | Sequential property / evidence number | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-38 | Advantageous | Submitting investigator ID | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-39 | Advantageous | Receiving Officer ID | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-40 | Advantageous | Received date | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-41 | Advantageous | Item image | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-42 | Advantageous | Item type (NCIC standard) | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-43 | Advantageous | Item manufacturer | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-44 | Advantageous | Item model | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-45 | Advantageous | Item serial number | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-46 | Advantageous | Item OAN | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-47 | Advantageous | Vehicle information (via Vehicle Master Name Index) | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-48 | Advantageous | Item value | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-49 | Advantageous | Item location (e.g., facility, room, locker, drawer, bin) | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-50 | Advantageous | Disposition | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-51 | Advantageous | Disposition date | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-52 | Advantageous | Released to | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-53 | Advantageous | Chain of custody information | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |

| | | | | |
|---|--------------|---|--------|---|
| FInv-54 | Advantageous | The transfer of custody form is printable for signature | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-55 | Advantageous | The system supports the use of barcodes for tracking items | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| Investigative Case Management | | | | |
| The system tracks, at a minimum, the following for each case: | | | | |
| FInv-56 | Advantageous | Assigned to | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-57 | Advantageous | Assigned date | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-58 | Advantageous | Status | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-59 | Advantageous | Status date | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-60 | Advantageous | Initial narrative | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-61 | Advantageous | Supplemental narratives (unlimited) | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-62 | Advantageous | Solvability factors | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-63 | Advantageous | Calculated solvability rating | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-64 | Advantageous | Hours of activity | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| The system provides case investigation summaries for each detective including at a minimum, the following: | | | | |
| FInv-65 | Advantageous | Number of active cases | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-66 | Advantageous | Case type breakdown | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-67 | Advantageous | Assignment date | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-68 | Advantageous | Activity log | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-69 | Advantageous | An authorized user is able to assign (or reassign) cases to any detective | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |
| FInv-70 | Advantageous | The system is able to view and print entire case report | Comply | Emergency Reporting does not have a built-in Investigations Module. We have included an integration with Scout Arson Investigation Software in this bid. https://www.scoutcms.com/arson-investigation-software |

| Spec ID | Importance | Description of Capability Fire RMS Fire Safety Inspections | Vendor Response | Vendor Comment |
|--|---------------------|---|---------------------------------|---|
| Fire Inspections | | | | |
| Flnsp-1 | Highly Advantageous | The ability to access Fire Inspection module from mobile device (e.g. tablet, MCT, laptop) | Comply | |
| Flnsp-2 | Highly Advantageous | The ability to enter/generate fire inspection reports from Mobile data/Field Based Reporting module for upload/merge into the FRMS application (i.e. Field Report) | Comply | |
| Flnsp-3 | Highly Advantageous | The system integrates all inspection information with the master location/building file | Comply | |
| Flnsp-4 | Highly Advantageous | The system tracks multi-use occupancies | Comply | Master - Tenant Tools exist in the Emergency Reporting solution |
| Complaints for inspection information | | | | |
| Flnsp-5 | Highly Advantageous | The system records complaints for inspection | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Complaints for inspection information includes, but is not limited to: | | | | |
| Flnsp-6 | Highly Advantageous | Informant / requestor | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Flnsp-7 | Highly Advantageous | Name | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Flnsp-8 | Highly Advantageous | Street address | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Flnsp-9 | Highly Advantageous | City | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Flnsp-10 | Highly Advantageous | State | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Flnsp-11 | Highly Advantageous | Zip code | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Flnsp-12 | Highly Advantageous | Telephone number | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Flnsp-13 | Highly Advantageous | Complaint location | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Flnsp-14 | Highly Advantageous | Request / type (e.g., complaint) | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Flnsp-15 | Highly Advantageous | Assigned to | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Flnsp-16 | Highly Advantageous | Date of complaint / request | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Flnsp-17 | Highly Advantageous | Date of completion | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Flnsp-18 | Highly Advantageous | Date referred / transferred | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Flnsp-19 | Highly Advantageous | Comments | Partially Comply or Alternative | Occupancy Actions can be used to capture Action Type = Complaint. Details are manually entered into the Complaint Action. |
| Management of fire inspection occupancy principals | | | | |
| Flnsp-20 | Highly Advantageous | The system manages fire inspection occupancy principals | Comply | |
| Management of fire inspection occupancy principals information includes, but is not limited to: | | | | |
| Flnsp-21 | Highly Advantageous | Business name | Comply | |
| Flnsp-22 | Highly Advantageous | Name of the business owner | Comply | |
| Flnsp-23 | Highly Advantageous | Telephone number of the business owner | Comply | |
| Flnsp-24 | Highly Advantageous | Full address of business owner | Comply | |
| Flnsp-25 | Highly Advantageous | Name of emergency contact for the business (multiple) | Comply | |
| Flnsp-26 | Highly Advantageous | Emergency contact telephone number (multiple) | Comply | |
| Flnsp-27 | Highly Advantageous | Type of emergency contact | Comply | |
| Flnsp-28 | Highly Advantageous | Building / property owner | Comply | |
| Flnsp-29 | Highly Advantageous | Telephone number of the property owner | Comply | |
| Flnsp-30 | Highly Advantageous | Full address of property owner | Comply | |
| Flnsp-31 | Highly Advantageous | Comments | Comply | |
| Occupancy Zones and/or Stations | | | | |
| Flnsp-32 | Highly Advantageous | The system manages fire inspections by inspection district | Comply | Occupancy Zones and/or Stations |
| Flnsp-33 | Highly Advantageous | The system attaches pre-incident plans to occupancy files | Comply | |
| Flnsp-34 | Highly Advantageous | The system supports the entry of exact addresses specific to the apartment / suite level | Comply | |
| Flnsp-35 | Highly Advantageous | The system supports the entry of unlimited contact information for each location (e.g., landlord name, address, telephone, management company name, address, telephone) | Comply | |
| Flnsp-36 | Highly Advantageous | The system records an unlimited number of "special circumstances" regarding a location (e.g., Building Inspection information, unique characteristics) | Comply | |
| Flnsp-37 | Highly Advantageous | The system supports the entry of unlimited number of violations | Comply | |
| Flnsp-38 | Highly Advantageous | Ability to use a "Hot List" for most common code violations | Partially Comply or Alternative | Inspection forms are customizable by agency per inspection type. |
| Flnsp-39 | Highly Advantageous | The system supports the entry of unlimited number of citations | Comply | |
| Flnsp-40 | Highly Advantageous | Ability to use a "Hot List" for most common citations issued | Partially Comply or Alternative | Inspection forms are customizable by agency per inspection type. |

EXHIBIT 3-5 FIRE RMS SPECIFICATIONS

| | | | | |
|---|---------------------|--|---------------------------------|---|
| Flnsp-41 | Highly Advantageous | The system displays the plain English description for violation codes in addition to the code | Comply | |
| Flnsp-42 | Highly Advantageous | The system allows the designation of inspection responsibility by station area for each address | Comply | |
| Flnsp-43 | Highly Advantageous | The system allows the scheduling of follow-up inspections | Comply | |
| Flnsp-44 | Highly Advantageous | The system allows the designation of re-inspection frequency based on type of business (e.g., regular inspections are every two years; self-inspections are every four years; fire permits every year) | Comply | |
| Flnsp-45 | Highly Advantageous | The system is able to print out re-inspection schedules on a daily, weekly, or monthly basis | Comply | |
| Flnsp-46 | Highly Advantageous | The system is able to print out inspection schedules for individual station or all stations | Comply | |
| Flnsp-47 | Highly Advantageous | The system is able to generate form letters documenting specific violations with date of scheduled re-inspection | Comply | |
| Flnsp-48 | Highly Advantageous | The system is able to view online and print out history of prior violations for any address | Comply | |
| Flnsp-49 | Highly Advantageous | The system allows an inspection record to be viewed online without making any changes to record | Comply | |
| Flnsp-50 | Highly Advantageous | The system records the name and ID of the inspector and the date and time for each inspection performed | Comply | |
| Flnsp-51 | Highly Advantageous | The system is able to record results of violation re-inspection | Comply | |
| Flnsp-52 | Highly Advantageous | The system is able to record fines for non-compliance | Comply | |
| Flnsp-53 | Highly Advantageous | The system is capable of printing out a complete inspection report | Comply | |
| Flnsp-54 | Highly Advantageous | The system records the name and operator ID of anyone making changes to inspection record | Comply | |
| Flnsp-55 | Highly Advantageous | The system supports the ability to perform inspections in the field and upload results to main system | Comply | |
| Flnsp-56 | Highly Advantageous | The system is able to associate a scanned image (e.g. "pre-fire plan") to a location | Comply | |
| Flnsp-57 | Highly Advantageous | The system is able to attach any Windows-compliant file(s) to an investigation record (e.g. JPEG, video, image) | Comply | |
| Inspection Information | | | | |
| Flnsp-58 | Highly Advantageous | The system is able to update code books (based on the availability of soft copy versions) via automated process | Does Not Comply | Emergency Reporting Inspection Forms are not tied specifically to published code manuals. They are built on a per agency basis and can be shared between other ER customers. Update/Changes to codes can be done by editing existing forms. |
| Flnsp-59 | Highly Advantageous | The system is able to track violations that have expired, been superseded, etc. (i.e. not corrupt old records, but not allow superseded violation code to be selected going forward) | Comply | |
| Flnsp-60 | Highly Advantageous | The system is capable of synchronizing dates (e.g., inspection, re-inspection, court dates) with the mail calendar function | Partially Comply or Alternative | Emergency Reporting's CALENDAR module can be exported into .ics format files for importing into other calendars but does not have a live feed. |
| Flnsp-61 | Highly Advantageous | The inspection module must support multiple violation code books (e.g., NFPA, International Fire Code, IBC, FMC, FMC Hazmat, local ordinances) | Comply | |
| Inspection activity | | | | |
| Flnsp-62 | Highly Advantageous | The system tracks inspection activity | Comply | |
| The track inspection activity information includes: | | | | |
| Flnsp-63 | Highly Advantageous | Notes on the type of inspection | Comply | |
| Flnsp-64 | Highly Advantageous | The hours spent | Comply | |
| Flnsp-65 | Highly Advantageous | The results of the inspection | Comply | |
| Inspection activity can be tracked by: | | | | |
| Flnsp-66 | Highly Advantageous | Address | Comply | |
| Flnsp-67 | Highly Advantageous | Time inspection started | Comply | |
| Flnsp-68 | Highly Advantageous | Time inspection ended | Comply | |
| Flnsp-69 | Highly Advantageous | Amount of time spent on inspection | Comply | |
| Flnsp-70 | Highly Advantageous | Assigned to | Comply | |
| Flnsp-71 | Highly Advantageous | Business name | Comply | |
| Flnsp-72 | Highly Advantageous | Completed by | Comply | |
| Flnsp-73 | Highly Advantageous | Date | Comply | |
| Flnsp-74 | Highly Advantageous | Disposition of the inspection | Comply | |
| Flnsp-75 | Highly Advantageous | ID number of the inspector (multiple) | Comply | |
| Flnsp-76 | Highly Advantageous | Number of violations cleared | Comply | |
| Flnsp-77 | Highly Advantageous | Number of violations issued | Comply | |
| Flnsp-78 | Highly Advantageous | Occupancy number | Comply | |
| Flnsp-79 | Highly Advantageous | Occupancy type | Comply | |
| Flnsp-80 | Highly Advantageous | Remarks | Comply | |
| Flnsp-81 | Highly Advantageous | Re-inspection date | Comply | |
| Flnsp-82 | Highly Advantageous | Type of inspection | Comply | |
| | | | | |
| Flnsp-83 | Highly Advantageous | The system is able to select violation codes from agency-defined drop down lists | Comply | |
| Flnsp-84 | Highly Advantageous | The system is able to access and update inspection records from any workstation (mobile, desktop, etc.) | Comply | |
| Flnsp-85 | Highly Advantageous | An inspection report can indicate whether additional technical/HAZMAT inspection is required | Comply | |
| Flnsp-86 | Highly Advantageous | The system is able to update contact information during an inspection | Comply | |
| Flnsp-87 | Highly Advantageous | An authorized user is able to display prior fire incident and inspection history for scheduled occupancies | Comply | Two separate reports, but can be done. |
| Flnsp-88 | Highly Advantageous | An authorized user is able to print prior fire incident and inspection history for scheduled occupancies | Comply | Two separate reports, but can be done. |
| The system can track disposition of any inspection by: | | | | |
| Flnsp-89 | Highly Advantageous | Outstanding violations | Comply | |
| Flnsp-90 | Highly Advantageous | Cleared | Comply | |
| Flnsp-91 | Highly Advantageous | Completed | Comply | |
| Flnsp-92 | Highly Advantageous | Other | Comply | |
| | | | | |
| Flnsp-93 | Highly Advantageous | The system maintains a master table associated with fire statutes and codes | Does Not Comply | |
| Flnsp-94 | Highly Advantageous | The system tracks most frequently sited violations for a given time period | Comply | |
| Inspection Schedule | | | | |
| Flnsp-95 | Highly Advantageous | The system is able to create and track inspection schedule for fire prevention staff | Comply | |

EXHIBIT 3-5 FIRE RMS SPECIFICATIONS

| | | | | |
|---|---------------------|---|---------------------------------|--|
| The system is able to create and track inspection schedule for fire prevention staff by: | | | | |
| Finsp-96 | Highly Advantageous | Individual location | Comply | |
| Finsp-97 | Highly Advantageous | Batch locations (e.g. whole mall or an entire street block) | Comply | By Occupancy Zones or Stations |
| Finsp-98 | Highly Advantageous | Permit type | Comply | |
| | | | | |
| Finsp-99 | Highly Advantageous | The system can create an event in the calendar automatically from inspection and re-inspection intervals | Comply | |
| Finsp-100 | Highly Advantageous | The system allows authorized users to easily search for upcoming inspection due dates for a user specified time period (e.g., 30 days, 60 days, 120 days) | Comply | |
| Finsp-101 | Highly Advantageous | The system can rotate grouped inspection responsibilities (e.g., between companies and shifts) | Partially Comply or Alternative | This can be done in bulk, but is manual process |
| Finsp-102 | Highly Advantageous | The system identifies premises requiring permitted inspectors versus duty crews | Partially Comply or Alternative | This can be done in bulk, but is manual process |
| Finsp-103 | Highly Advantageous | An inspection record may be referred to another division | Comply | |
| Finsp-104 | Highly Advantageous | An inspection record may be referred to a higher authority | Comply | |
| Violation and Citations | | | | |
| The system allows the addition of an unlimited number of the following record types: | | | | |
| Finsp-105 | Highly Advantageous | Violations | Comply | |
| Finsp-106 | Highly Advantageous | Citations | Comply | |
| Finsp-107 | Highly Advantageous | Recommendations | Comply | |
| Finsp-108 | Highly Advantageous | Referrals | Comply | |
| Finsp-109 | Highly Advantageous | Fees | Comply | |
| The system creates and maintains violation information by: | | | | |
| Finsp-110 | Highly Advantageous | Address | Comply | |
| Finsp-111 | Highly Advantageous | Business name | Comply | |
| Finsp-112 | Highly Advantageous | Date of violation | Comply | |
| Finsp-113 | Highly Advantageous | Entered by | Comply | |
| Finsp-114 | Highly Advantageous | Type of violation | Comply | |
| Finsp-115 | Highly Advantageous | Number of violations | Comply | |
| Finsp-116 | Highly Advantageous | Violation code based on adopted Fire Code | Partially Comply or Alternative | Reports based on Violations are available, but users must build inspections based on adopted codes |
| Finsp-117 | Highly Advantageous | Multiple violation code books (NFPA, International, FMC, FMC Hazmat, etc.) | Partially Comply or Alternative | Reports based on Violations are available, but users must build inspections based on adopted codes |
| Finsp-118 | Highly Advantageous | Citation number | Does Not Comply | Citations may be noted on the Inspection form, which is referenced by Location and Inspection Date |
| Finsp-119 | Highly Advantageous | Date of notice of violation | Comply | |
| Finsp-120 | Highly Advantageous | Date violation was cleared | Comply | |
| Finsp-121 | Highly Advantageous | Date by which the violation should be cleared | Comply | |
| Finsp-122 | Highly Advantageous | Issuing Inspector ID | Comply | |
| Finsp-123 | Highly Advantageous | Court Date | Does Not Comply | |
| Finsp-124 | Highly Advantageous | Court Time | Does Not Comply | |
| Finsp-125 | Highly Advantageous | Court Continuation Date | Does Not Comply | |
| Finsp-126 | Highly Advantageous | Court Disposition | Does Not Comply | |
| Finsp-127 | Highly Advantageous | Comments | Comply | |
| | | | | |
| Finsp-128 | Highly Advantageous | The system tracks re-inspections and associates them with original inspection | Comply | |
| Finsp-129 | Highly Advantageous | The system tracks new violations that arise on re-inspection and associates them with the original inspector | Comply | |
| Finsp-130 | Highly Advantageous | The system schedules inspections at mandatory, pre-defined intervals (e.g., yearly school inspections) | Comply | |
| Finsp-131 | Highly Advantageous | An authorized user can override re-inspection dates | Comply | |
| Finsp-132 | Highly Advantageous | The system is able to generate invoice letters for re-inspection fines or fees | Comply | |
| Finsp-133 | Highly Advantageous | The system is able to attach digital photos to a violation/citation in the database | Comply | |
| Finsp-134 | Highly Advantageous | The system can add multiple violations on a single screen | Comply | |
| Finsp-135 | Highly Advantageous | The system can clear multiple violations on a single screen | Comply | |
| Finsp-136 | Highly Advantageous | The system tracks the most frequent violations and citations over a user defined period of time | Comply | |
| Finsp-137 | Highly Advantageous | The system is able to record the testing of Vent-a-Hood Systems | Comply | |

EXHIBIT 3-5 FIRE RMS SPECS

| Spec ID | Importance | Description of Capability Fire RMS Fire Hydrants | Vendor Response | Vendor Comment |
|--|---------------------|--|---------------------------------|---|
| Fire Hydrants | | | | |
| FHyd-1 | Highly Advantageous | The ability to access the hydrants module from a mobile device (e.g. tablet, MCT, laptop) | Comply | |
| FHyd-2 | Highly Advantageous | The ability to enter / generate / update fire hydrant records from Mobile data / Field Based Reporting module for upload / merge into the FRMS application (i.e. Field Report) | Comply | |
| FHyd-3 | Highly Advantageous | The system allows a test record to be viewed online without making any changes to record | Comply | |
| FHyd-4 | Highly Advantageous | Information on hydrant status is accessible from the CAD application | Comply | ER has no control over CAD applications, however, through our API, a CAD vendor can choose query data within ER to consume as they see fit |
| FHyd-5 | Highly Advantageous | Information on hydrant status is accessible from the Mobile application | Comply | As a SaaS offering, ER is available through any popular browser, there is no need for a mobile application |
| FHyd-6 | Highly Advantageous | Information on hydrant status updates geo-database applications (hydrant layer) | Partially Comply or Alternative | Through our available Google Integration, hydrant status is available. Hydrant data can be exported and applied to geo-database applications but it is a manual process unless the software utilizes ER's API hooks |
| FHyd-7 | Highly Advantageous | The system provides the ability to see hydrant information from the Master Location Index (building / business file) for all hydrants within a radius that is agency definable | Comply | |
| FHyd-8 | Highly Advantageous | The information on hydrant status is be accessible in mobile units / mobile application | Comply | |
| FHyd-9 | Highly Advantageous | Updates to hydrant status must update in CAD and mobile applications in real time | Comply | Through our available Google Integration, hydrant status is available. Hydrant data can be exported and applied to geo-database applications but it is a manual process unless the software utilizes ER's API hooks |
| FHyd-10 | Highly Advantageous | The system allows any active workstation to print to any printer available on the network | Comply | |
| FHyd-11 | Highly Advantageous | The system will be able to capture or import historical hydrant data. <i>Vendor should note requirements to accomplish this or limitations that may be of impact in the comments</i> | Comply | |
| Hydrant data includes, but not limited to: | | | | |
| FHyd-12 | Highly Advantageous | Hydrant ID / serial number | Comply | |
| FHyd-13 | Highly Advantageous | Municipal water company record number | Partially Comply or Alternative | Ownership can be documented in a specific field, but not Record Number. Notes fields are available to store additional data. |
| FHyd-14 | Highly Advantageous | County hydrant ID number (must be unique / unable to be duplicate) | Does Not Comply | Notes fields are available to store additional data. |
| FHyd-15 | Highly Advantageous | Hydrant manufacturer | Comply | |
| FHyd-16 | Highly Advantageous | Hydrant color and / or type (i.e. private or easement, red or silver | Comply | |
| FHyd-17 | Highly Advantageous | Hydrant type | Comply | |
| FHyd-18 | Highly Advantageous | Out of service (check box) | Comply | Radio button |
| FHyd-19 | Highly Advantageous | Coupling type | Does Not Comply | |
| FHyd-20 | Highly Advantageous | Thread type | Partially Comply or Alternative | Thread type is graphical when users are performing Flow Testing. Helps a user specify the coefficient |
| FHyd-21 | Highly Advantageous | Location (by address) | Comply | |
| FHyd-22 | Highly Advantageous | Main size | Comply | |
| FHyd-23 | Highly Advantageous | Static pressure | Comply | |
| FHyd-24 | Highly Advantageous | Residual pressure | Comply | |
| FHyd-25 | Highly Advantageous | Flow pressure | Comply | |
| FHyd-26 | Highly Advantageous | GPM (calculated by system) | Comply | |
| FHyd-27 | Highly Advantageous | Tank type (e.g. metal, plastic) | Does Not Comply | Tanks are not available in ERS. |
| FHyd-28 | Highly Advantageous | Tank size | Does Not Comply | Tanks are not available in ERS. |
| FHyd-29 | Highly Advantageous | Test date | Comply | |
| FHyd-30 | Highly Advantageous | Next scheduled test date | Comply | |
| FHyd-31 | Highly Advantageous | ID of person performing test | Comply | |
| FHyd-32 | Highly Advantageous | Indicator of test pass / fail | Comply | |
| FHyd-33 | Highly Advantageous | Corrections required, if test failed | Comply | |
| FHyd-34 | Highly Advantageous | Comments | Comply | |
| FHyd-35 | Highly Advantageous | GIS ID number | Does Not Comply | Notes fields are available to store additional data. |
| FHyd-36 | Highly Advantageous | GPS coordinates | Comply | |
| | | | | |
| FHyd-37 | Highly Advantageous | User defined fields | Partially Comply or Alternative | Values in several fields can be user defined but custom fields are not supported. |
| FHyd-38 | Highly Advantageous | The system is able to schedule hydrant maintenance activities | Comply | |
| The system can schedule maintenance activities: | | | | |
| FHyd-39 | Highly Advantageous | By hydrant | Comply | |
| FHyd-40 | Highly Advantageous | By flow test | Comply | |
| FHyd-41 | Highly Advantageous | The system can add a hydrant to the maintenance schedule | Comply | |
| FHyd-42 | Highly Advantageous | The system can remove a hydrant from the maintenance schedule | Comply | |
| FHyd-43 | Highly Advantageous | The system is able to assign personnel to hydrant maintenance activities | Comply | |
| Personnel are assigned to hydrant maintenance activities: | | | | |
| FHyd-44 | Highly Advantageous | By station | Partially Comply or Alternative | Hydrant maintenance activities are shown on the home screen through user preferences, but not by station or shift. Can be shown by user through reports |
| FHyd-45 | Highly Advantageous | By shift | Partially Comply or Alternative | Hydrant maintenance activities are shown on the home screen through user preferences, but not by station or shift. Can be shown by user through reports |
| FHyd-46 | Highly Advantageous | The system captures hydrant maintenance information | Comply | |
| Hydrant maintenance information includes, but not limited to: | | | | |
| FHyd-47 | Highly Advantageous | Hydrant activities (user-defined) | Comply | |
| FHyd-48 | Highly Advantageous | Hydrant activity start date | Comply | |
| FHyd-49 | Highly Advantageous | Hydrant activity start time | Comply | |
| FHyd-50 | Highly Advantageous | Hydrant activity end date | Comply | |
| FHyd-51 | Highly Advantageous | Hydrant activity end time | Comply | |
| FHyd-52 | Highly Advantageous | The system captures hydrant inspections information | Comply | |
| FHyd-53 | Highly Advantageous | The system captures multiple hydrant Inspections information per hydrant | Comply | |
| Hydrant inspections data includes, but not limited to: | | | | |
| FHyd-54 | Highly Advantageous | Date of inspection | Comply | |
| FHyd-55 | Highly Advantageous | Time of inspection | Comply | |
| FHyd-56 | Highly Advantageous | Individual / unit doing Inspection | Comply | |
| FHyd-57 | Highly Advantageous | Total time of Inspection | Comply | |

EXHIBIT 3-5 FIRE RMS SPECS

| | | | | |
|--|---------------------|--|---------------------------------|--|
| FHyd-58 | Highly Advantageous | The system captures hydrant service data | Comply | |
| Hydrant service data includes, but not limited to: | | | | |
| FHyd-59 | Highly Advantageous | Inspected (check box) | Comply | |
| FHyd-60 | Highly Advantageous | Flushed (check box) | Comply | |
| FHyd-61 | Highly Advantageous | Serviced (check box) | Comply | |
| FHyd-62 | Highly Advantageous | Other service with drop down list (user definable) | Comply | |
| FHyd-63 | Highly Advantageous | The system captures hydrant repair date | Comply | |
| Hydrant repair data includes, but not limited to: | | | | |
| FHyd-64 | Highly Advantageous | Defect found with drop down list (user definable) | Partially Comply or Alternative | Hydrant Status Dropdown is user definable and can include defects. |
| FHyd-65 | Highly Advantageous | Defect reported (check box) | Partially Comply or Alternative | Hydrant Status Dropdown is user definable and can include defects. |
| FHyd-66 | Highly Advantageous | Repair required (check box) | Comply | |
| FHyd-67 | Highly Advantageous | Municipal water company work order number (10 character alpha-numeric) | Does Not Comply | |
| FHyd-68 | Highly Advantageous | Notes / remarks | Comply | |
| FHyd-69 | Highly Advantageous | The system captures hydrants struck by vehicles | Partially Comply or Alternative | Hydrant Status Dropdown is user definable and can include defects. |
| The information tracked for hydrants struck by vehicles includes, but not limited to: | | | | |
| FHyd-70 | Highly Advantageous | Date of accident | Partially Comply or Alternative | Hydrant Status Dropdown is user definable and can include defects. |
| FHyd-71 | Highly Advantageous | Date of repair | Comply | |
| FHyd-72 | Highly Advantageous | Fee charged for repair | Does Not Comply | |
| FHyd-73 | Highly Advantageous | Reimbursement received (Y / N checkbox) | Does Not Comply | |
| FHyd-74 | Highly Advantageous | Notes / remarks | Comply | |
| FHyd-75 | Highly Advantageous | The system captures hydrants flow tes | Comply | |
| Hydrants flow test (multiple) data includes, but not limited to: | | | | |
| FHyd-76 | Highly Advantageous | Date of flow test | Comply | |
| FHyd-77 | Highly Advantageous | Time of flow test | Comply | |
| FHyd-78 | Highly Advantageous | Individual / unit doing flow tes | Comply | |
| FHyd-79 | Highly Advantageous | Total time of flow test | Comply | |
| FHyd-80 | Highly Advantageous | Pitot tube results | Comply | |
| FHyd-81 | Highly Advantageous | Diameter of outlet | Comply | |
| FHyd-82 | Highly Advantageous | Discharge coefficient | Comply | |
| FHyd-83 | Highly Advantageous | Correction factor | Does Not Comply | |
| FHyd-84 | Highly Advantageous | GPM flow, calculated | Comply | |
| FHyd-85 | Highly Advantageous | Static pressure | Comply | |
| FHyd-86 | Highly Advantageous | Residual pressure | Comply | |
| Calculated GPM Flow: | | | | |
| FHyd-87 | Highly Advantageous | At 20 PSI residual | Partially Comply or Alternative | Static, Residual, and Desired Pressure under Flow Tests, can calculate desired pressure. |
| FHyd-88 | Highly Advantageous | At 10 PSI residual | Partially Comply or Alternative | Static, Residual, and Desired Pressure under Flow Tests, can calculate desired pressure. |
| FHyd-89 | Highly Advantageous | At 0 PSI residual | Partially Comply or Alternative | Static, Residual, and Desired Pressure under Flow Tests, can calculate desired pressure. |
| FHyd-90 | Highly Advantageous | Notes / remarks | Comply | |
| FHyd-91 | Highly Advantageous | The system will print out complete hydrant test repor | Comply | |

EXHIBIT 3-5 FIRE RMS SPECS

| Spec ID | Importance | Description of Capability Fire RMS Equipment Maintenance | Vendor Response | Vendor Comment |
|---|---------------------|---|---------------------------------|--|
| Equipment Maintenance | | | | |
| Equipment Maintenance, Repair and Testing | | | | |
| FEquip-1 | Highly Advantageous | The system manages equipment maintenance and repair functions | Comply | |
| The system collects data to manage equipment maintenance and repair functions which includes, but is not limited to: | | | | |
| FEquip-2 | Highly Advantageous | Type | Comply | |
| FEquip-3 | Highly Advantageous | Agency | Comply | Each agency account is assumed independent, therefore equipment is agency specific. |
| FEquip-4 | Highly Advantageous | General description | Comply | ERS has the ability to create groups for equipment. |
| FEquip-5 | Highly Advantageous | Work order number | Partially Comply or Alternative | Maintenance is chronological, work order numbers are not required. |
| FEquip-6 | Highly Advantageous | Inspected / tested by (e.g., officer ID, name) | Comply | |
| FEquip-7 | Highly Advantageous | Type of inspection / test (multiple occurrences) | Comply | |
| FEquip-8 | Highly Advantageous | Date of inspection / test | Comply | |
| FEquip-9 | Highly Advantageous | Status (e.g., pass / fail) | Comply | |
| FEquip-10 | Highly Advantageous | Next action / inspection to be made | Comply | Based on date of next service when entered. |
| FEquip-11 | Highly Advantageous | Date of next action / inspection | Comply | Based on date of next service when entered. |
| FEquip-12 | Highly Advantageous | Unlimited remarks (free text) | Comply | |
| FEquip-13 | Highly Advantageous | The system manages and tracks pump testing and inspection | Partially Comply or Alternative | Maintenance type is selectable by the agency. NFPA specifics to pump testing are not available. |
| FEquip-14 | Highly Advantageous | The system manages and tracks aerial testing and inspections | Partially Comply or Alternative | Maintenance type is selectable by the agency. NFPA specifics to pump testing are not available. |
| FEquip-15 | Highly Advantageous | The system manages and tracks hand tools testing and inspections | Partially Comply or Alternative | Maintenance type is selectable by the agency. NFPA specifics to pump testing are not available. |
| Facility Repair / Work Order Tracking | | | | |
| FEquip-16 | Highly Advantageous | Any authorized user can submit work requests | Comply | |
| FEquip-17 | Highly Advantageous | The system is able to report and track requests for repair at facilities | Comply | |
| FEquip-18 | Highly Advantageous | The system can interface to the Sprocket facility management software application | Partially Comply or Alternative | Through the use of our API, integration to facility management software is a capability. Interface to Spricket does not currently exist. |
| The Facility Repair data that may be tracked includes, but is not limited to: | | | | |
| FEquip-19 | Highly Advantageous | Repair type | Comply | |
| FEquip-20 | Highly Advantageous | Repair location | Comply | |
| FEquip-21 | Highly Advantageous | Free-form text field for notes | Comply | |
| FEquip-22 | Highly Advantageous | Requesting facility | Does Not Comply | |
| FEquip-23 | Highly Advantageous | General description | Comply | |
| FEquip-24 | Highly Advantageous | Work order number | Partially Comply or Alternative | Maintenance system is chronological and therefore work order numbers are not used. |
| FEquip-25 | Highly Advantageous | Requesting person | Comply | |
| FEquip-26 | Highly Advantageous | Requesting shift | Does Not Comply | |
| FEquip-27 | Highly Advantageous | Reported date | Comply | |
| FEquip-28 | Highly Advantageous | Date work order assigned | Comply | |
| FEquip-29 | Highly Advantageous | Date of action | Comply | |
| FEquip-30 | Highly Advantageous | Action type | Comply | |
| FEquip-31 | Highly Advantageous | Date of completion | Comply | |
| FEquip-32 | Highly Advantageous | Assigned to (table based) | Comply | |
| FEquip-33 | Highly Advantageous | Inspected / verified by (i.e. personnel ID, name) | Comply | |
| FEquip-34 | Highly Advantageous | Date of inspection / verification | Comply | |
| FEquip-35 | Highly Advantageous | Ability to associate / link work orders | Partially Comply or Alternative | Maintenance system is chronological and therefore work order numbers are not used. Work orders are tied to Apparatus or Equipment. |
| FEquip-36 | Highly Advantageous | Unlimited remarks (free text) | Comply | |
| Hose Inspection and Testing | | | | |
| FEquip-37 | Highly Advantageous | The system is able to capture and maintain hose inspection and test information | Comply | |
| The hose inspection and test information tracked includes, but is not limited to: | | | | |
| FEquip-38 | Highly Advantageous | Hose number / ID | Comply | |
| FEquip-39 | Highly Advantageous | Station ID | Comply | |
| FEquip-40 | Highly Advantageous | Apparatus / Location | Comply | |
| FEquip-41 | Highly Advantageous | Diameter size | Comply | |
| FEquip-42 | Highly Advantageous | Type of hose | Comply | |
| FEquip-43 | Highly Advantageous | Length | Partially Comply or Alternative | Can be managed by creation of subcategories (i.e. 100' 1.75" hose) |
| FEquip-44 | Highly Advantageous | Manufacturer | Comply | |
| FEquip-45 | Highly Advantageous | Date Purchased | Does Not Comply | |
| FEquip-46 | Highly Advantageous | Contract Number | Does Not Comply | |
| FEquip-47 | Highly Advantageous | Date placed in service | Comply | |
| FEquip-48 | Highly Advantageous | Date tested | Comply | |
| FEquip-49 | Highly Advantageous | Pressure tested at (400 / 300 / 250 psi) | Partially Comply or Alternative | Can be documented in notes of testing record |
| FEquip-50 | Highly Advantageous | Employee ID of Tester / Inspector | Comply | |
| FEquip-51 | Highly Advantageous | Test results | Comply | |
| FEquip-52 | Highly Advantageous | Visual / physical check (pass, fail) | Partially Comply or Alternative | Pass / Fail not specific to Visual |
| FEquip-53 | Highly Advantageous | Pressure test (pass, fail) | Partially Comply or Alternative | Pass / Fail not specific to Pressure Test. |
| FEquip-54 | Highly Advantageous | Remarks | Comply | |
| FEquip-55 | Highly Advantageous | User defined fields | Does Not Comply | |
| FEquip-56 | Highly Advantageous | The system maintains the history of hose testing dates and results | Comply | |
| Ladder Inspection and Testing | | | | |
| FEquip-57 | Highly Advantageous | The system is able to capture and maintain ladder inspection and test information | Not Answered | |
| The ladder inspection and test information tracked includes, but is not limited to: | | | | |
| FEquip-58 | Highly Advantageous | Ladder number / ID | Comply | |
| FEquip-59 | Highly Advantageous | Station ID | Comply | |
| FEquip-60 | Highly Advantageous | Apparatus / location | Comply | |

EXHIBIT 3-5 FIRE RMS SPECS

| | | | | |
|---|---------------------|--|---------------------------------|---|
| FEquip-61 | Highly Advantageous | Type of ladder | Comply | |
| FEquip-62 | Highly Advantageous | Length | Partially Comply or Alternative | Size field can be used. |
| FEquip-63 | Highly Advantageous | Manufacturer | Comply | |
| FEquip-64 | Highly Advantageous | Date purchased | Does Not Comply | |
| FEquip-65 | Highly Advantageous | Contract number | Does Not Comply | Note field could be used. |
| FEquip-66 | Highly Advantageous | Date placed in service | Comply | |
| FEquip-67 | Highly Advantageous | Date tested | Comply | |
| FEquip-68 | Highly Advantageous | Vendor name | Comply | |
| FEquip-69 | Highly Advantageous | Vendor ID | Does Not Comply | |
| FEquip-70 | Highly Advantageous | Inspector name | Comply | |
| FEquip-71 | Highly Advantageous | Employee ID of tester / inspector | Comply | |
| FEquip-72 | Highly Advantageous | Test results | Comply | |
| FEquip-73 | Highly Advantageous | Visual / physical check (pass, fail) | Partially Comply or Alternative | Pass / Fail not specific to Visual |
| FEquip-74 | Highly Advantageous | Load test (pass, fail) | Partially Comply or Alternative | Pass / Fail not specific to Pressure Test. |
| FEquip-75 | Highly Advantageous | Remarks | Comply | |
| FEquip-76 | Highly Advantageous | User defined fields | Does Not Comply | |
| FEquip-77 | Highly Advantageous | The system maintains the history of ladder testing dates and results | Comply | |
| Breathing Equipment | | | | |
| FEquip-78 | Highly Advantageous | The system captures and tracks breathing apparatus data | Comply | |
| The breathing apparatus data tracked includes, but not limited to: | | | | |
| FEquip-79 | Highly Advantageous | Location by station | Comply | |
| FEquip-80 | Highly Advantageous | Location by apparatus | Comply | |
| FEquip-81 | Highly Advantageous | Location by operator | Comply | |
| FEquip-82 | Highly Advantageous | Serial number | Comply | |
| FEquip-83 | Highly Advantageous | Purchase date | Partially Comply or Alternative | Note field could be used. |
| FEquip-84 | Highly Advantageous | Cylinder check | Partially Comply or Alternative | Not specifically, can use 'routine maintenance' with sub-title of request needed. |
| FEquip-85 | Highly Advantageous | Regulator function | Partially Comply or Alternative | Not specifically, can use 'routine maintenance' with sub-title of request needed. |
| FEquip-86 | Highly Advantageous | Diaphragm function | Partially Comply or Alternative | Not specifically, can use 'routine maintenance' with sub-title of request needed. |
| FEquip-87 | Highly Advantageous | Face piece and tube status | Partially Comply or Alternative | Not specifically, can use 'routine maintenance' with sub-title of request needed. |
| FEquip-88 | Highly Advantageous | Back plate and harness status | Partially Comply or Alternative | Not specifically, can use 'routine maintenance' with sub-title of request needed. |
| FEquip-89 | Highly Advantageous | Name and ID of individual performing test | Comply | |
| FEquip-90 | Highly Advantageous | Date and time of test | Comply | |
| FEquip-91 | Highly Advantageous | Next scheduled test date | Comply | |
| FEquip-92 | Highly Advantageous | Air cylinder hydro-test date | Comply | |
| FEquip-93 | Highly Advantageous | Air cylinder hydro-test test results | Comply | |
| FEquip-94 | Highly Advantageous | Face piece fit testing of personnel | Partially Comply or Alternative | Not specifically, can use 'routine maintenance' with sub-title of request needed. |
| FEquip-95 | Highly Advantageous | Hydro-testing of additional equipment (e.g., fire extinguishers, O2 bottles) | Comply | |
| FEquip-96 | Highly Advantageous | Face piece repair and training certifications | Comply | |
| FEquip-97 | Highly Advantageous | Cascade testing | Comply | Any equipment can entered and tracked. Some equipment may not have specific fields related specifically to the type of equipment. |
| FEquip-98 | Highly Advantageous | Porta-count testing | Comply | Any equipment can entered and tracked. Some equipment may not have specific fields related specifically to the type of equipment. |
| FEquip-99 | Highly Advantageous | Posi-check testing | Comply | Any equipment can entered and tracked. Some equipment may not have specific fields related specifically to the type of equipment. |
| FEquip-100 | Highly Advantageous | Respirator testing | Comply | Any equipment can entered and tracked. Some equipment may not have specific fields related specifically to the type of equipment. |
| FEquip-101 | Highly Advantageous | Compressor testing (quarterly) | Comply | Any equipment can entered and tracked. Some equipment may not have specific fields related specifically to the type of equipment. |
| FEquip-102 | Highly Advantageous | NFPA compliant date | Does Not Comply | |
| FEquip-103 | Highly Advantageous | Expiration date | Comply | |
| FEquip-104 | Highly Advantageous | User defined fields | Does Not Comply | |
| Hazmat Monitoring Equipment | | | | |
| FEquip-105 | Highly Advantageous | The system captures and tracks Hazmat monitoring equipment | Comply | |
| FEquip-106 | Highly Advantageous | The system has the ability to add user defined fields that are unique to each type or category | Comply | |
| Hazmat monitoring equipment data includes, but not limited to: | | | | |
| FEquip-107 | Highly Advantageous | Serial number | Comply | |
| FEquip-108 | Highly Advantageous | Type of monitor | Comply | |
| FEquip-109 | Highly Advantageous | Date entered into service | Comply | |
| FEquip-110 | Highly Advantageous | Date of last calibration | Partially Comply or Alternative | Not specifically, can use 'routine maintenance' with sub-title of request needed. |
| FEquip-111 | Highly Advantageous | Date of last maintenance | Comply | |
| FEquip-112 | Highly Advantageous | Maintenance action taken | Comply | |
| FEquip-113 | Highly Advantageous | Name and ID of individual performing action | Comply | |
| FEquip-114 | Highly Advantageous | Next scheduled maintenance date | Comply | Based on date of next service when entered. |
| Hazmat Suits | | | | |
| FEquip-115 | Highly Advantageous | The system captures and tracks data associated with hazmat suits | Comply | |
| Hazmat suits data includes, but is not limited to: | | | | |
| FEquip-116 | Highly Advantageous | ID number | Comply | |
| FEquip-117 | Highly Advantageous | Type of suit | Comply | |
| FEquip-118 | Highly Advantageous | Date entered into service | Comply | |
| FEquip-119 | Highly Advantageous | Date of last test | Comply | |
| FEquip-120 | Highly Advantageous | Test results | Comply | |
| FEquip-121 | Highly Advantageous | Maintenance action taken | Comply | |
| FEquip-122 | Highly Advantageous | Name and ID of individual performing test | Comply | |
| FEquip-123 | Highly Advantageous | Next scheduled test date | Comply | Based on date of next service when entered. |
| FEquip-124 | Highly Advantageous | Expiration date | Comply | |
| Other Issued Equipment | | | | |

EXHIBIT 3-5 FIRE RMS SPECS

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|--|---------------------|--|---------------------------------|---|
| FEquip-125 | Highly Advantageous | The system captures and tracks other issued equipment data | Comply | |
| The other issued equipment data includes, but is not limited to: | | | | |
| FEquip-126 | Highly Advantageous | Testing of electrical gloves | Comply | Any equipment can entered and tracked. Some equipment may not have specific fields related specifically to the type of equipment. |
| FEquip-127 | Highly Advantageous | Testing of hot sticks | Comply | Any equipment can entered and tracked. Some equipment may not have specific fields related specifically to the type of equipment. |
| FEquip-128 | Highly Advantageous | System ID number | Partially Comply or Alternative | Notes field could be used. |
| FEquip-129 | Highly Advantageous | Item description | Comply | |
| FEquip-130 | Highly Advantageous | Equipment ID number | Comply | |
| FEquip-131 | Highly Advantageous | Agency ID number | Partially Comply or Alternative | Each agency account is assumed independent, therefore equipment is agency specific. |
| FEquip-132 | Highly Advantageous | User-defined category | Comply | |
| FEquip-133 | Highly Advantageous | User-defined sub-category | Comply | |
| FEquip-134 | Highly Advantageous | Date of purchase | Does Not Comply | |
| FEquip-135 | Highly Advantageous | Expiration date | Comply | |
| FEquip-136 | Highly Advantageous | Supplying vendor | Comply | |
| FEquip-137 | Highly Advantageous | Purchase cost | Comply | |
| FEquip-138 | Highly Advantageous | Funding source (e.g. grant monies) | Does Not Comply | |
| FEquip-139 | Highly Advantageous | Manufacturer | Comply | |
| FEquip-140 | Highly Advantageous | Model number | Comply | |
| FEquip-141 | Highly Advantageous | Serial number | Comply | |
| FEquip-142 | Highly Advantageous | Last maintenance / inspection due | Comply | |
| FEquip-143 | Highly Advantageous | Personnel ID (issued to) | Comply | |
| FEquip-144 | Highly Advantageous | Unit number / apparatus number (issued to) | Comply | |
| FEquip-145 | Highly Advantageous | Free-form text field for notes | Comply | |
| FEquip-146 | Highly Advantageous | Repair records (including shipped / returned dates, shipped to, cost) | Comply | |
| FEquip-147 | Highly Advantageous | Maintenance records | Comply | |
| FEquip-148 | Highly Advantageous | Maintenance schedule | Partially Comply or Alternative | Based on date of next service when entered. |
| FEquip-149 | Highly Advantageous | OSHA testing requirement ID | Does Not Comply | |
| FEquip-150 | Highly Advantageous | OSHA testing requirement due date | Does Not Comply | |
| FEquip-151 | Highly Advantageous | OSHA testing requirement completion date | Does Not Comply | |
| FEquip-152 | Highly Advantageous | NFPA testing requirement ID | Does Not Comply | |
| FEquip-153 | Highly Advantageous | NFPA testing requirement due date | Comply | Based on date of next service when entered and NFPA Testing is selected for Maintenance Type |
| FEquip-154 | Highly Advantageous | NFPA testing requirement completion date | Comply | |
| FEquip-155 | Highly Advantageous | User defined fields | Does Not Comply | |
| Fixed Asset Tracking | | | | |
| FEquip-156 | Highly Advantageous | The system is able to capture and track fixed-asset data | Comply | |
| Ability to access the system via a mobile device: | | | | |
| FEquip-157 | Highly Advantageous | Laptop computer | Comply | |
| FEquip-158 | Highly Advantageous | Tablet | Comply | |
| FEquip-159 | Highly Advantageous | PDA | Comply | |
| FEquip-160 | Highly Advantageous | Other type of mobile device | Comply | Any device with a browser. |
| The fixed-asset related data includes, but not limited to: | | | | |
| FEquip-161 | Highly Advantageous | Item description | Comply | |
| FEquip-162 | Highly Advantageous | System ID number | Partially Comply or Alternative | Notes field could be used. |
| FEquip-163 | Highly Advantageous | Agency ID number | Comply | |
| FEquip-164 | Highly Advantageous | User-defined category | Comply | |
| FEquip-165 | Highly Advantageous | User-defined sub-category | Comply | |
| FEquip-166 | Highly Advantageous | Date of purchase | Does Not Comply | |
| FEquip-167 | Highly Advantageous | Supplying vendor | Comply | |
| FEquip-168 | Highly Advantageous | Purchase cost | Comply | |
| FEquip-169 | Highly Advantageous | Manufacturer | Comply | |
| FEquip-170 | Highly Advantageous | Model number | Comply | |
| FEquip-171 | Highly Advantageous | Serial number | Comply | |
| FEquip-172 | Highly Advantageous | Last maintenance / inspection due | Comply | |
| FEquip-173 | Highly Advantageous | Current location of item | Comply | |
| FEquip-174 | Highly Advantageous | Free-form text field for notes | Comply | |
| FEquip-175 | Highly Advantageous | Repair records (including shipped / returned dates, shipped to, cost) | Comply | |
| FEquip-176 | Highly Advantageous | Maintenance records | Comply | |
| FEquip-177 | Highly Advantageous | Maintenance schedule | Partially Comply or Alternative | Would need to be recorded in equipment notes |
| FEquip-178 | Highly Advantageous | OSHA testing requirement ID | Does Not Comply | |
| FEquip-179 | Highly Advantageous | OSHA testing requirement due date | Does Not Comply | |
| FEquip-180 | Highly Advantageous | OSHA testing requirement completion date | Does Not Comply | |
| FEquip-181 | Highly Advantageous | NFPA testing requirement ID | Does Not Comply | |
| FEquip-182 | Highly Advantageous | NFPA testing requirement due date | Comply | Based on date of next service when entered and NFPA Testing is selected for Maintenance Type |
| FEquip-183 | Highly Advantageous | NFPA testing requirement completion date | Comply | |
| The system tracks, at a minimum, the following fixed-asset distribution data: | | | | |
| FEquip-184 | Highly Advantageous | System ID number | Partially Comply or Alternative | Notes field could be used. |
| FEquip-185 | Highly Advantageous | Recipient | Comply | |
| FEquip-186 | Highly Advantageous | Issuer | Comply | Auto-filled by user logged in to record distribution. |
| FEquip-187 | Highly Advantageous | Date distributed | Comply | |
| FEquip-188 | Highly Advantageous | Date returned | Comply | |
| FEquip-189 | Highly Advantageous | Date of loss or theft | Partially Comply or Alternative | Not recorded in specific field. |
| FEquip-190 | Highly Advantageous | Police report number for theft or loss | Does Not Comply | Notes field could be used. |
| FEquip-191 | Highly Advantageous | Police report date from theft or loss | Does Not Comply | Notes field could be used. |
| Inventory Tracking | | | | |
| FEquip-192 | Highly Advantageous | Inventory tracking system tracks all equipment sub-groups (e.g., vehicles, hoses issued equipment, fixed assets) | Comply | |
| FEquip-193 | Highly Advantageous | Inventory tracking is compatible with, can interface to, a bar-coding system | Comply | |
| Ability to manage and track inventory using a bar code system including, but not limited to, the following functions: | | | | |

EXHIBIT 3-5 FIRE RMS SPECS

| | | | | |
|---|---------------------|--|---------------------------------|---|
| FEquip-194 | Highly Advantageous | Perform a mass update | Comply | |
| FEquip-195 | Highly Advantageous | Locate item by bar code | Does Not Comply | |
| FEquip-196 | Highly Advantageous | Generate bar code | Does Not Comply | |
| FEquip-197 | Highly Advantageous | Read bar code using remote, hand-held device | Does Not Comply | |
| FEquip-198 | Highly Advantageous | Track specific item information (e.g., description, quantity, status, etc.) | Comply | |
| FEquip-199 | Highly Advantageous | Ability to automatically update (e.g., download) inventory information into system | Comply | |
| FEquip-200 | Highly Advantageous | Ability to print bar code labels | Does Not Comply | |
| FEquip-201 | Highly Advantageous | Ability to provide inventory management using a bar code system. | Does Not Comply | |
| FEquip-202 | Highly Advantageous | Ability to add adjustments to inventory when counts are taken and inventory is out of balance | Comply | |
| Ability to record inventory of an item, including but not limited to: | | | | |
| FEquip-203 | Highly Advantageous | Quantity in stock | Comply | |
| FEquip-204 | Highly Advantageous | Cost History | Comply | |
| FEquip-205 | Highly Advantageous | Minimum reorder points | Comply | |
| Vendor information: | | | | |
| FEquip-206 | Highly Advantageous | Name | Comply | |
| FEquip-207 | Highly Advantageous | Address | Comply | |
| FEquip-208 | Highly Advantageous | Phone | Comply | |
| FEquip-209 | Highly Advantageous | Contact | Comply | |
| FEquip-210 | Highly Advantageous | Funding source (e.g. grant monies) | Does Not Comply | |
| FEquip-211 | Highly Advantageous | Ability to utilize a hand-held mobile inventory tracking scanner. | Does Not Comply | |
| The system tracks, at a minimum, the following inventory-related data: | | | | |
| FEquip-212 | Highly Advantageous | Quantity in stock | Comply | |
| FEquip-213 | Highly Advantageous | Re-order point | Comply | |
| FEquip-214 | Highly Advantageous | Vendor contact / ordering information | Comply | |
| FEquip-215 | Highly Advantageous | Order history | Comply | |
| FEquip-216 | Highly Advantageous | Pricing history | Comply | |
| FEquip-217 | Highly Advantageous | Last order information | Comply | |
| FEquip-218 | Highly Advantageous | Outstanding / pending order information | Does Not Comply | |
| FEquip-219 | Highly Advantageous | The system can generate and track internal purchase requests | Does Not Comply | |
| FEquip-220 | Highly Advantageous | The system can generate and track purchase orders | Does Not Comply | |
| The system tracks, at a minimum, the following inventory distribution data: | | | | |
| FEquip-224 | Highly Advantageous | Quantity distributed | Comply | |
| FEquip-225 | Highly Advantageous | Recipient | Does Not Comply | |
| FEquip-226 | Highly Advantageous | Issuer | Does Not Comply | |
| FEquip-227 | Highly Advantageous | Condition at issue | Does Not Comply | |
| FEquip-228 | Highly Advantageous | Condition at return | Does Not Comply | |
| FEquip-229 | Highly Advantageous | Date of issue | Comply | |
| FEquip-230 | Highly Advantageous | Return required (yes / no) | Comply | |
| FEquip-231 | Highly Advantageous | Date of return | Comply | |
| Supplies and Equipment Acquisition | | | | |
| The system provides sufficient fields to record the receipt of an inventoried item, including, but not limited to, the following: | | | | |
| FEquip-232 | Highly Advantageous | Item type (bar code) | Does Not Comply | |
| FEquip-233 | Highly Advantageous | System ID number | Comply | |
| FEquip-234 | Highly Advantageous | Agency ID | Partially Comply or Alternative | Each agency account is assumed independent, therefore equipment is agency specific. |
| FEquip-235 | Highly Advantageous | Station ID | Comply | |
| FEquip-236 | Highly Advantageous | Item category | Comply | |
| FEquip-237 | Highly Advantageous | Item sub-category | Comply | |
| FEquip-238 | Highly Advantageous | Item name | Comply | |
| FEquip-239 | Highly Advantageous | Item description | Comply | |
| FEquip-240 | Highly Advantageous | Inventory or asset number (e.g. bar code) | Partially Comply or Alternative | No bar codes but each inventory item type and asset has ID |
| FEquip-241 | Highly Advantageous | Manufacturer | Comply | |
| FEquip-242 | Highly Advantageous | Model number | Comply | |
| FEquip-243 | Highly Advantageous | Serial number | Comply | |
| FEquip-244 | Highly Advantageous | Purchase cost | Comply | |
| FEquip-245 | Highly Advantageous | Date of purchase | Does Not Comply | |
| FEquip-246 | Highly Advantageous | Vendor information | Comply | |
| FEquip-247 | Highly Advantageous | Current location of equipment | Comply | |
| FEquip-248 | Highly Advantageous | The system allows for user defined categories | Comply | |
| FEquip-249 | Highly Advantageous | The system allows for user defined sub-categories | Comply | |
| Personal Equipment | | | | |
| FEquip-250 | Highly Advantageous | The system provides the ability to develop a list of types of equipment that are issued to personnel | Comply | |
| FEquip-251 | Highly Advantageous | The system provides the ability to define types of equipment (e.g., badges, IT equipment, cell phones, protective gear, etc.) included in personal equipment table | Comply | |
| The system provides the ability to track piece of equipment that has been assigned to personnel, including, but not limited to, the following: | | | | |
| FEquip-252 | Highly Advantageous | Equipment category | Comply | |
| FEquip-253 | Highly Advantageous | Equipment type | Comply | |
| FEquip-254 | Highly Advantageous | Personnel ID | Comply | |
| FEquip-255 | Highly Advantageous | Personnel name | Comply | |
| FEquip-256 | Highly Advantageous | Manufacturer | Comply | |
| FEquip-257 | Highly Advantageous | Serial number | Comply | |
| FEquip-258 | Highly Advantageous | Model | Comply | |
| FEquip-259 | Highly Advantageous | Description | Comply | |
| FEquip-260 | Highly Advantageous | Condition | Does Not Comply | |
| FEquip-261 | Highly Advantageous | Cost | Comply | |
| FEquip-262 | Highly Advantageous | Date of issuance | Comply | |
| FEquip-263 | Highly Advantageous | Date of purchase | Does Not Comply | |
| FEquip-264 | Highly Advantageous | Date of return | Does Not Comply | |
| FEquip-265 | Highly Advantageous | Disposal date | Does Not Comply | |
| FEquip-266 | Highly Advantageous | Inventory ID number (e.g., barcode) | Partially Comply or Alternative | Inventory ID number used without bar-coding. |

EXHIBIT 3-5 FIRE RMS SPECS

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|--|---------------------|--|---------------------------------|--|
| FEquip-267 | Highly Advantageous | Replacement date(s) | Comply | |
| FEquip-268 | Highly Advantageous | Service date | Comply | |
| FEquip-269 | Highly Advantageous | Calibration date | Comply | Could be documented as a maintenance type. |
| FEquip-270 | Highly Advantageous | Size | Comply | |
| FEquip-271 | Highly Advantageous | Status (lost, decommissioned, etc.) | Partially Comply or Alternative | Equipment can be archived and reason for ownership change can be documented. "I.e. Lost". |
| FEquip-272 | Highly Advantageous | Comments | Comply | |
| FEquip-273 | Highly Advantageous | Ability to assign multiple pieces of the same type of equipment to an individual | Comply | |
| Station Equipment | | | | |
| FEquip-274 | Highly Advantageous | The system provides the ability to develop a list of types of equipment that are issued to stations | Comply | |
| FEquip-275 | Highly Advantageous | The system provides the ability to define the types of equipment that are issued to the stations | Comply | |
| The system provides fields to track each piece of equipment assigned to a station including, but not limited to, the following: | | | | |
| FEquip-276 | Highly Advantageous | Apparatus assigned to (e.g., Vehicle ID) | Comply | |
| FEquip-277 | Highly Advantageous | Asset tag number | Comply | Everything has an Equipment ID. |
| FEquip-278 | Highly Advantageous | Bar code number | Does Not Comply | |
| FEquip-279 | Highly Advantageous | Brand | Comply | |
| FEquip-280 | Highly Advantageous | Classification | Comply | |
| FEquip-281 | Highly Advantageous | Cost | Comply | |
| FEquip-282 | Highly Advantageous | Date issued / acquired | Comply | Inservice Date |
| FEquip-283 | Highly Advantageous | Description | Comply | |
| FEquip-284 | Highly Advantageous | Equipment type | Comply | |
| FEquip-285 | Highly Advantageous | Location in station | Comply | |
| FEquip-286 | Highly Advantageous | Location on the vehicle (e.g. compartments) | Comply | |
| FEquip-287 | Highly Advantageous | Manufacturer | Comply | |
| FEquip-288 | Highly Advantageous | Model | Comply | |
| FEquip-289 | Highly Advantageous | Part number | Partially Comply or Alternative | Notes field could be used. |
| FEquip-290 | Highly Advantageous | Serial number | Comply | |
| FEquip-291 | Highly Advantageous | Station / company assigned to | Comply | |
| FEquip-292 | Highly Advantageous | Warranty information | Partially Comply or Alternative | Notes field could be used. |
| FEquip-293 | Highly Advantageous | Individual receiving equipment | Comply | |
| FEquip-294 | Highly Advantageous | Size | Comply | |
| FEquip-295 | Highly Advantageous | Color | Partially Comply or Alternative | Notes field could be used. |
| FEquip-296 | Highly Advantageous | Ability to assign multiple pieces of the same type of equipment to an apparatus | Comply | |
| FEquip-297 | Highly Advantageous | Ability to easily transfer equipment to a different vehicle / location without re keying descriptive data (e.g. drag and drop or a quick transfer function) | Comply | |
| FEquip-298 | Highly Advantageous | Ability to track loaned equipment. | Partially Comply or Alternative | Ownership is editable for each piece of equipment. |
| FEquip-299 | Highly Advantageous | Ability to generate alerts to individuals that loaned equipment is due back for return | Does Not Comply | |
| FEquip-300 | Highly Advantageous | Ability to access a list of assigned equipment (including where / who assigned to, from the Mobile data environment | Comply | SaaS solution. As long as the Mobile Data environment has a standard internet browser and internet, system is available. |
| FEquip-301 | Highly Advantageous | The system provides the ability when a piece of equipment is involved in an incident, the incident report and actions related to that incident are automatically linked to the equipment in the asset module | Does Not Comply | |
| EMS Supplies | | | | |
| FEquip-302 | Highly Advantageous | The system provides the ability to develop a list of types of EMS Supplies that are issued to stations | Comply | |
| FEquip-303 | Highly Advantageous | The system provides the ability to define the types of EMS Supplies that are included in the EMS Supplies lists | Comply | |
| FEquip-304 | Highly Advantageous | Ability to provide a code table of types of EMS supplies issued to stations and apparatus | Comply | |
| FEquip-305 | Highly Advantageous | Ability for agency to define types of supplies included in EMS inventory code table | Comply | |
| Ability to provide fields to track EMS inventory, including: | | | | |
| FEquip-306 | Highly Advantageous | Item description | Comply | |
| FEquip-307 | Highly Advantageous | Inventory number (e.g., bar code) | Comply | |
| FEquip-308 | Highly Advantageous | Unit cost | Comply | |
| FEquip-309 | Highly Advantageous | Unit of measure | Comply | |
| FEquip-310 | Highly Advantageous | Quantity in inventory | Comply | |
| FEquip-311 | Highly Advantageous | Minimum stock level (reorder point) | Comply | |
| FEquip-312 | Highly Advantageous | Reorder quantity | Comply | |
| FEquip-313 | Highly Advantageous | Quantity on order | Does Not Comply | |
| FEquip-314 | Highly Advantageous | Ordered by | Does Not Comply | |
| FEquip-315 | Highly Advantageous | Disposal date | Partially Comply or Alternative | Use date can be utilized for this with a note |
| Ability to track issuance of EMS inventory: | | | | |
| FEquip-316 | Highly Advantageous | Station | Comply | |
| FEquip-317 | Highly Advantageous | Apparatus at station | Comply | |
| FEquip-318 | Highly Advantageous | Amount | Comply | |
| | | | | |
| FEquip-319 | Highly Advantageous | Ability to provide agency-defined lists of EMS inventory that should be on an apparatus | Partially Comply or Alternative | Through use of system. No printable report. |
| FEquip-320 | Highly Advantageous | Ability for users to verify inventory on an apparatus using the EMS inventory list | Comply | |
| FEquip-321 | Highly Advantageous | Ability for the system to send notifications when inventory falls below minimum stock level | Partially Comply or Alternative | Through system reports |
| FEquip-322 | Highly Advantageous | Ability to electronically inventory drug bags | Comply | |
| FEquip-323 | Highly Advantageous | System provides a means to track the location of specific drug bags (e.g. Unit ID) | Does Not Comply | No ability through Inventory to track specific drug packaging only quantities. |
| Equipment Return | | | | |
| FEquip-327 | Highly Advantageous | Ability to return or check equipment back into inventory | Partially Comply or Alternative | Through changing ownership |
| FEquip-328 | Highly Advantageous | Ability to unlink equipment from personnel upon check-in | Comply | |
| Ability to track replaced equipment: | | | | |
| FEquip-329 | Highly Advantageous | Date replaced | Comply | |

EXHIBIT 3-5 FIRE RMS SPECS

| | | | | |
|--|---------------------|--|---------------------------------|---|
| FEquip-330 | Highly Advantageous | Reason replaced (drop-down list) | Partially Comply or Alternative | Through documentation of reason of ownership change. |
| FEquip-331 | Highly Advantageous | Disposition of equipment | Partially Comply or Alternative | Can be archived if out of service |
| Equipment Maintenance and Replacement | | | | |
| FEquip-332 | Highly Advantageous | Ability to create maintenance schedules for equipment requiring regular maintenance | Partially Comply or Alternative | Maintenance dates must be manually applied. Can be done in bulk for future dates but cannot be set up for recurring cycles. |
| FEquip-333 | Highly Advantageous | Ability to generate reports listing equipment due for maintenance during a user defined time period (e.g. generate a report on the first of every month for equipment that needs to be replaced by the end of the month) | Comply | |
| FEquip-334 | Highly Advantageous | Ability to document maintenance for a piece of equipment | Comply | |
| FEquip-335 | Highly Advantageous | Ability to document service test records for a piece of equipment | Comply | |
| FEquip-336 | Highly Advantageous | Ability to create replacement schedules for equipment requiring replacement after a period of time | Comply | |
| FEquip-337 | Highly Advantageous | Ability to generate reports listing equipment due for replacement during a user defined time period (e.g., generate a report on the first of every month for equipment that needs to be replaced by the end of the month) | Comply | |
| FEquip-338 | Highly Advantageous | Ability to automatically generate and print, at a user-defined interval, reports listing equipment overdue for replacement (e.g. generate a report on the first of every month for equipment for which replacement is overdue) | Comply | |
| FEquip-339 | Highly Advantageous | Ability to generate alerts to individuals that their equipment is due for maintenance or replacement | Does Not Comply | |
| Asset Management Reports | | | | |
| Ability to generate a physical inventory report based on: | | | | |
| FEquip-340 | Highly Advantageous | Asset category | Comply | |
| FEquip-341 | Highly Advantageous | Asset age | Comply | Reports Module supports the ability to calculate Age |
| FEquip-342 | Highly Advantageous | Asset location | Comply | |
| FEquip-343 | Highly Advantageous | Ability to generate a physical inventory exception report | Partially Comply or Alternative | Through 3rd party partner product. |
| FEquip-344 | Highly Advantageous | Ability to generate a check-in / check-out log for temporarily assigned assets | Does Not Comply | |
| FEquip-345 | Highly Advantageous | Ability to generate a report of items that require re-ordering (e.g., out of stock or below minimum threshold) | Comply | |
| FEquip-346 | Highly Advantageous | Ability to generate a report showing the complete history of an asset | Comply | |
| FEquip-347 | Highly Advantageous | Ability to generate a report on all manual inventory adjustments | Does Not Comply | |

EXHIBIT 3-5 FIRE RMS SPECS

| Spec ID | Importance | Description of Capability Fire RMS Fleet Maintenance | Vendor Response | Vendor Comment |
|--|--------------|--|---------------------------------|--|
| Fire Fleet Maintenance | | | | |
| FFleet-1 | Advantageous | The system is able to group equipment by class | Comply | |
| FFleet-2 | Advantageous | The system is able to group equipment by sub-class | Does Not Comply | |
| FFleet-3 | Advantageous | The system has the ability to attach PC-based files (e.g., MS Word docs, JPEG's, PDF's) to apparatus records | Partially Comply or Alternative | Work orders allow for multiple file upload types, Apparatus main record allows picture only |
| FFleet-4 | Advantageous | The system has the ability to access records attached to apparatus information from CAD, e.g., MS Word docs with equipment listing | Does Not Comply | |
| FFleet-5 | Advantageous | The system allows the tracking of any vehicles assignment information and history of assignments | Partially Comply or Alternative | Reports will show Incidents a unit has been on. Maintenance system will track all work orders performed on that unit. |
| FFleet-6 | Advantageous | The system can interface to fleet management software application | Comply | Through the use of published API, apparatus and maintenance information can be shared to a fleet management software application. |
| FFleet-7 | Advantageous | The system captures and tracks vehicle maintenance information | Comply | |
| At a minimum, the following vehicle maintenance information is captured and tracked: | | | | |
| FFleet-8 | Advantageous | Type of vehicle | Comply | |
| FFleet-9 | Advantageous | Agency applied vehicle number | Comply | |
| FFleet-10 | Advantageous | Asset tag number | Comply | |
| FFleet-11 | Advantageous | Certified gross vehicular weight | Partially Comply or Alternative | Not in a specific field, notes field could be used. |
| FFleet-12 | Advantageous | Classification | Comply | |
| FFleet-13 | Advantageous | Company | Comply | |
| FFleet-14 | Advantageous | Date acquired / put in service | Comply | |
| FFleet-15 | Advantageous | Date of next inspection and / or scheduled maintenance | Comply | |
| FFleet-16 | Advantageous | Disposal information (date, to, method, mileage, amount) | Partially Comply or Alternative | Expected year of replacement only. |
| FFleet-17 | Advantageous | General description | Comply | |
| FFleet-18 | Advantageous | Initial cost | Comply | |
| FFleet-19 | Advantageous | Make | Comply | |
| FFleet-20 | Advantageous | Manufacturer | Comply | |
| FFleet-21 | Advantageous | Model | Comply | |
| FFleet-22 | Advantageous | Vehicle identification number (VIN) | Comply | |
| FFleet-23 | Advantageous | NIMS resource type | Comply | |
| FFleet-24 | Advantageous | Agency-assigned vehicle number (asset number) | Comply | |
| FFleet-25 | Advantageous | Date entered | Comply | |
| FFleet-26 | Advantageous | Date repaired / resolved | Comply | |
| FFleet-27 | Advantageous | Description of maintenance item or symptom | Comply | |
| FFleet-28 | Advantageous | Station ID | Comply | |
| FFleet-29 | Advantageous | Unit (e.g. engine 4, truck 1) | Comply | |
| FFleet-30 | Advantageous | Status (e.g., part ordered, replaced) | Partially Comply or Alternative | Notes field can be used for in process updates. On Work Order Completion, Parts, Labor and Other costs can be added to the work order. |
| FFleet-31 | Advantageous | The Apparatus Management System shall allow for setting up inspection schedules based on mileage, hours, dates, or number of calls | Partially Comply or Alternative | Though mileage and hours are tracked, scheduled maintenance is date based. |
| FFleet-32 | Advantageous | The System shall track inspection history and test information for each apparatus, including time spent and costs | Comply | |
| FFleet-33 | Advantageous | The System shall allow users to capture accident reports associated with each apparatus | Not Answered | |
| Data elements to be captured related to fleet inspection and test information shall include, but not limited to: | | | | |
| FFleet-34 | Advantageous | VIN | Comply | |
| FFleet-35 | Advantageous | Company number | Comply | |
| FFleet-36 | Advantageous | Make | Comply | |
| FFleet-37 | Advantageous | Date of inspection | Comply | |
| FFleet-38 | Advantageous | Next lube and service | Comply | Through Scheduled Maintenance. |
| FFleet-39 | Advantageous | Pump operation-gauges / controls | Partially Comply or Alternative | Through Scheduled Maintenance. Specific operational guides can be stored in the system library |
| FFleet-40 | Advantageous | Total miles recorded | Comply | |
| FFleet-41 | Advantageous | Total hours recorded | Comply | |
| The system shall be capable of preparing apparatus inspection cost totals by: | | | | |
| FFleet-42 | Advantageous | Time spent on inspection | Does Not Comply | |
| FFleet-43 | Advantageous | Inspection type | Comply | |
| FFleet-44 | Advantageous | Time period | Does Not Comply | |
| FFleet-45 | Advantageous | Specific apparatus | Comply | |
| The system shall allow users to capture maintenance and repair information for fleet vehicles, maintenance data to be captured shall include: | | | | |
| FFleet-46 | Advantageous | VIN | Comply | Part of the apparatus record. |
| FFleet-47 | Advantageous | Bar code number | Does Not Comply | |
| FFleet-48 | Advantageous | Battalion assigned | Does Not Comply | |
| FFleet-49 | Advantageous | Vehicle type | Comply | |
| FFleet-50 | Advantageous | Date preventive maintenance is due | Comply | |
| FFleet-51 | Advantageous | Vehicle item to be repaired | Comply | |
| FFleet-52 | Advantageous | Discrepancy or problem | Comply | |
| FFleet-53 | Advantageous | Corrective action | Comply | |
| FFleet-54 | Advantageous | Mileage | Comply | |
| FFleet-55 | Advantageous | Date out of service | Comply | |
| FFleet-56 | Advantageous | Date to shop | Does Not Comply | |
| FFleet-57 | Advantageous | Date returned | Does Not Comply | |
| FFleet-58 | Advantageous | Cost of repairs | Comply | Reports Module supports this requirement |
| FFleet-59 | Advantageous | Part(s) used | Partially Comply or Alternative | Multiple files may be attached to the Work Order (pictures, documents, etc). |
| FFleet-60 | Advantageous | Narrative | Partially Comply or Alternative | Notes field is available. |

| | | | | |
|---|--------------|---|-----------------|--|
| The system shall set up service / maintenance schedules based on, but not limited to: | | | | |
| FFleet-61 | Advantageous | Mileage | Does Not Comply | |
| FFleet-62 | Advantageous | Hours | Does Not Comply | |
| FFleet-63 | Advantageous | Dates | Comply | |
| FFleet-64 | Advantageous | Number of calls | Does Not Comply | |
| | | | | |
| FFleet-65 | Advantageous | The system shall produce a Fleet Cost Report that shows the cost per unit, over a defined period of time, including itemized maintenance, repair, and service costs | Does Not Comply | |
| | | | | |

EXHIBIT 3-5 FIRE RMS SPECS

| Spec ID | Importance | Description of Capability Fire RMS False Alarm Tracking | Vendor Response | Vendor Comment |
|--|---------------------|--|-----------------|--|
| False Alarm Tracking | | | | |
| AT-1 | Highly Advantageous | The system provides false alarm management functions | Comply | Through reporting on NFIRS Incident Type Codes |
| AT-2 | Highly Advantageous | The application shall not require reentry of incident data in order to manage false alarm information | Comply | Data retrieved from NFIRS reports completed by staff |
| AT-3 | Highly Advantageous | The application shall track all locations for which the disposition to a call for service indicates a false alarm or a falsely reported incident | Comply | |
| At a minimum, the record for each such location will include the following information for each incident: | | | | |
| AT-5 | Highly Advantageous | Name of the reporting person | Comply | |
| AT-6 | Highly Advantageous | Property owner's name | Comply | Requires that field personnel document this information. |
| AT-7 | Highly Advantageous | Alarm company name | Comply | Requires that field personnel document this information. |
| AT-8 | Highly Advantageous | Property address | Comply | |
| AT-9 | Highly Advantageous | Initial call type | Comply | Requires that field personnel document this information. |
| AT-10 | Highly Advantageous | Disposition code | Comply | |
| AT-11 | Highly Advantageous | Responding company comments | Comply | |
| AT-12 | Highly Advantageous | Time and date of incident | Comply | |
| AT-13 | Highly Advantageous | Response status, (whether response has been denied due to excessive false alarms) | Does Not Comply | |
| AT-14 | Highly Advantageous | Fines levied | Does Not Comply | |
| AT-15 | Highly Advantageous | Fines collected | Does Not Comply | |
| AT-16 | Highly Advantageous | Incident number | Comply | |
| AT-17 | Highly Advantageous | The application will allow authorized personnel to print warning and no-response letters to violators | Does Not Comply | |
| AT-18 | Highly Advantageous | The application will include reports on locations, which have more than a user specified number of false alarms during a user specified period | Does Not Comply | |

Remote CAD

An Athena communications center will have the latest CAD and geo-centric products to direct resources in the shortest possible time. However, the power of CAD must also be available for remote dispatch sites, incident commanders, officers on the beat, and even select individuals with a browser. This is not one-size-fits-all technology. Fortunately ICS has developed the best technology based on requirements.

Browser-based CAD

The CAD desktop is captured in a browser with Microsoft's Remote Desktop Web Access. The same CAD application, complete with maps, 911, ProQA, USDD, or any other interface from the CAD workstation is available remotely. Anything stronger than a 20Mbit connection will allow your dispatchers to work remotely with the same capabilities as if they were in the dispatch center. Operator profiles are maintained so call-takers can fill the pending queue and dispatchers can monitor "move-ups" or check on responders in the field. Maps for "Closest-To" dispatching are still available for tracking resources, crime analysis, or drawing barriers.

CAD power in a Status Monitor

Some public safety professionals need to have more power in their web status monitor. Professionals on the go need to look at a map to see resources, check the progress of an incident, send messages, assign more resources, or create an officer-initiated call. The ICS Status Monitor can be tuned to perform significant CAD operations or serve as a display-only information board that shows activity as it's happening. Individuals can use their Android or iOS devices for the status monitor. Available and busy units are displayed, along with calls in progress. AVL information shows on the map since data is fed real-time to the communications center.

The screenshot displays the Athena CAD interface. At the top, there's a header with the Athena logo and navigation tabs. Below this is a table listing resources (units) with columns for unit ID, name, status, and location. A map view is shown below the table, displaying a street map with resource locations marked. A call details window is open, showing information for call 17130808, including the address (STATE HIGHWAY 205 AND COUNTY ROAD 746), city (COLLIN COUNTY, TX 75071), and call type (TRAFFIC STOP). The window also includes fields for the reporting party (MOORE, MICHAEL) and receive details (Call Taker, Date/Time, Call Source, etc.).

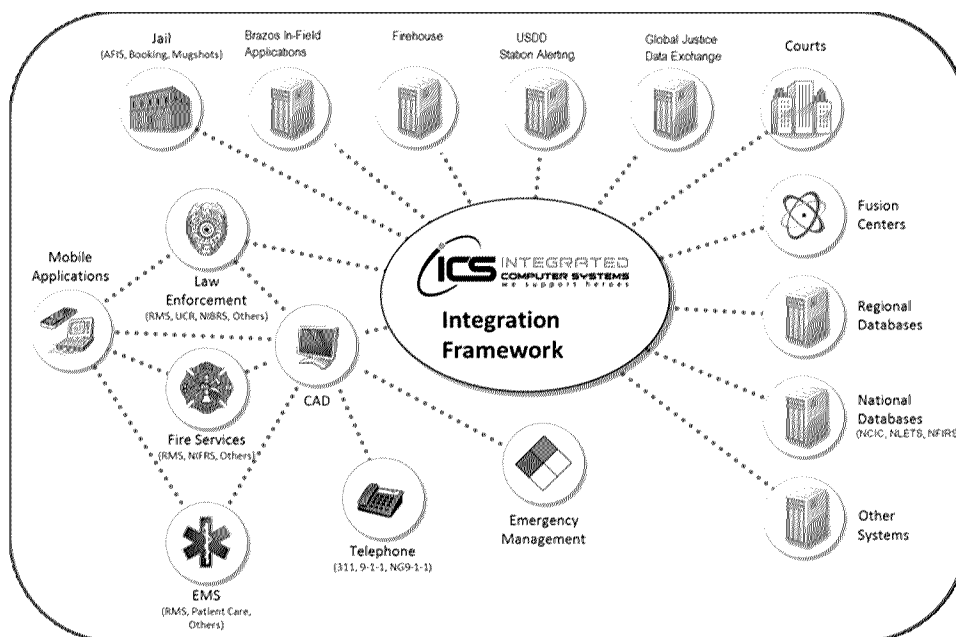
The user can click on an incident icon to get details on a call, resource, or incident. Based on what the user clicks or touches, a window with detailed information about the call or resource is given. If the user wants to drill into an incident, a hyperlink will display the incident in the Athena Law records browser (if user is licensed). Since the map shows resources in real-time, the user can drag-and-drop resources to an incident without having to bother dispatch.

Multiple status monitors are just one way ICS has the products to fit the way your agency works. We look forward to demonstrating all our products for the City of Denton.

Data Entry

Law enforcement professionals are faced with increasing amounts of administrative and clerical tasks. ICS recognizes that unless we provide these heroes with tools to simplify and streamline these tasks, citizens will receive a reduction in true public safety activities.

ICS offers a comprehensive suite of fully-integrated modules that eliminate all duplication of effort, greatly reduce errors and minimize human intervention.



Flexible and Customizable

The key differentiators of this product is adaptability:

- **Adaptable to Your Users**
 - BYOD – The Bring Your Own Device age is a reality. Users want to be able to use their device of preference. This is determined by their personal ergonomics, likes/dislikes and their environment (ruggedized, light-weight, waterproof, large/small screen, daylight readable, flame/heat retardant, bullet-proof, etc.). ICS has embraced this methodology by enabling your users to use almost any web-enabled device they desire (Windows®, Android®, Apple®) ... can even be diskless.
 - Form Customization
 - Determine which fields are required.
 - Determine which fields are not needed and are to be hidden.
 - Determine the language for each user (English, Spanish, etc.)
- **Adaptable to Your Environment**
 - Code Table Driven – Every code in the system is customizable (offense types, dispositions, property classes)
 - Roles Based Security – All forms, reports and data viewing is controlled by a comprehensive security algorithm. This system enables/disables the display of information pertaining to specific incidents, juveniles, Internal Affairs, high-profile cases, narcotics cases, etc., etc. This can be invoked by merely joining a user to a role(s).

Incident Entry and Verification

ICS offers a complete, officer-friendly, IBR/UCR approved, records management system. Incidents can be submitted to the state with a few simple key strokes. This is accomplished through tight integration with the Computer-Aided Dispatch that both automatically imports key information and automatically generates incident narratives (employs narrative templates by incident type). The final component is a comprehensive verification routine that ensures all FBI/DPS submittals are accurate. ICS has been TIBRS/NIBRS and UCR approved for over twenty years.

Arrest, Booking and Jail Management

ICS offers an extremely flexible incarceration process (enter the incident, arrest and/or booking information in any order). Whether you have no cells or run a county prison, this easy-to-use system allows the officer/jailer to quickly process an inmate by importing information from the call, arrest, incident and/or booking data. This comprehensive module captures the following information:

- booking and release information
- agency to bill, bonds
- inmate’s property
- property issued
- medications/treatments/medical history/diet
- contacts
- detainers
- accounting log
- administrative action
- phone calls
- visitors
- photos/video/sound bites
- events

Extensive Data Sharing

Athena greatly reduces the amount of information that has to be entered to complete a report. This feature allows users to create a report by importing data from other sources. Such sources are: calls for service, incidents, arrests, and bookings.

The window to the right shows some of the fields available from the call available for the incident report.

Having this information available for the incident report and arrest record eliminates entering the same information multiple times.

The longer an investigator takes to follow up on a crime, the less likely he/she is to find witnesses and evidence. Investigating and filing cases on a timely basis is paramount. Our LRMS allows the investigator to start working a case immediately upon the incident being reported by the citizen.

When the investigation is done and it’s time to submit, the case can be automatically built along with the DA approved case cover sheet. County District Attorney’s offices in Collin County, Dallas County, Denton County and Rockwall County accept electronic cases from ICS agencies in those counties. The electronic case submit may include crime scene video/photos, witness/victim/ offender statements, detailed narratives, and more. This information arrives in minutes, eliminating duplication of effort and time.

Data related to call for service

Select data to import into this record

- ▼ Call For Service
 - 15001269 2/15/2015 4:41:23 PM: ABANDON VEHICLE
 - Locations
 - Location: 3018 LENA DR , WYLIE, TX 75098
 - Personnel
 - (75) MILLER, MATT (Primary)
 - Parties
 - SPENCER, JAMES W/M DOB: 01/01/1925 (CFS ...)
 - SMITH, WANDA W/M DOB: 01/01/1932 (CFS P...)
 - Vehicles
 - TX DSR345
 - TX 54SDEER
 - ▼ Law Incident
 - 15001269 2/15/2015 4:41:00 PM:
 - Locations
 - Location: 3018 LENA DR , WYLIE, TX 75098
 - Personnel
 - (75) MILLER, MATT (Primary)
 - Offenses
 - (ABC101.31) SELL ALCOHOL IN DRY AREA IBR: ...
 - Parties
 - SPENCER, JAMES W/M DOB: 01/01/1925 W/M ...

Import Cancel

Additional Features

Master Indexes – One of the many benefits of a fully integrated system is that there is not any duplication of data. All transactional data is referenced back to a shared master source. Involved parties, vehicles, property, employees

and locations are contained in a centralized database. The entire suite of ICS public safety software utilizes these common stores of information. One name entry could be linked to property, vehicles, incident, call for service, arrest, booking, field interview, fire incident, EMS transport, citation, accident, warrant, address, etc. As a result of this pro-active linking, the crime analyst can view any person's related information with one mouse click.

NCIC/TLETS Interface – From within the master property, person and/or vehicle modules, you may submit an NCIC query. The results of the query will be attached.

Miscellaneous Name – Sex offenders, gang members, BOLO and other individuals can be recorded for future reference. The following information is maintained: name, address (historic), race, sex, DOB, weight, height, ethnicity, residence, SSN, DL, physical descriptors, photos, contact methods, employment, background info, AKAs, photos/videos/sound bites and key events.

Automated Expungements – After the user performs a simple name search, a display will show all incidents in which he/she is involved. Select the incidents you wish to expunge, and the process is carried out.

Record Dissemination – ICS records the following key information about the distribution of information pertaining to an individual and/or incident: recipient(s), how the recipient was identified (DL, utility bill, etc.), their organization's name, reason for distribution, method of distribution and what was disseminated.

Line Up – As part of our master name module, you will be able to easily query the entire database and extract as many photos as you desire.

Audit Log – All transactions are logged throughout the system with specific identifiers. Here are some examples:

- User (R.JOHNSON)
- Workstation (Property Room)
- Date/time (01/15/13 23:45)
- Module name (Incident, Arrest, etc.)
- What changed (Last Name)
- Changed from value (SMITH)
- Changed to value (SMYTH)

FBI/CJIS Security – All software complies with the latest CJIS/DPS/FBI security regulations (strong passwords, password expiration timeframe, password reuse, no activity time out, etc.).

Messaging – All modules within the ICS Public Safety Suite utilize a powerful messaging engine that delivers to users, units, workstations, printers, pagers and/or cell phones. Messages can be sent with various priorities at any time and will be delivered immediately when the user logs onto the system. A flexible folder system allows the user to organize messages to their liking. Messages can be attached to calls for service for future reference.

Attachments – Any type of document, video, voice recording or image can be attached to an incident, case, arrest, field interview, etc.

Spell Checker/Thesaurus - In order to insure a professional narrative, a spell checker and thesaurus is available at a click of the mouse.

Standard Queries and Reports – ICS supplies a wealth of reports and graphs. These reports all have extremely flexible runtime parameters that allow for the user to specify exactly what information they desire. We are constantly adding new parameters to existing output formats to reduce the number of reports a user has to sort through to get the statistics or graphs they need. Most reports have drill-down capability - all the way down to displaying the incident that is reflected in the report.

Optional Modules

Fingerprint Scanning Interfaces – ICS provides interfaces to the Identix Live Scan and Mentalix Fingerprint and Palm print systems.

Citations – We offer robust integration with Brazos Technology enabling public safety personnel with mobile applications significantly improves the efficiency of the overall department. With the Brazos Electronic Citation solution, the parking and/or traffic ticket is completed by the officer. A receipt is given to the defendant, and all information is automatically updated in the Municipal Court and ICS Law Records system. In addition to improving efficiency, your public safety officials can integrate new capabilities that enhance officer safety and provide additional revenue for your municipality or university.

Some of the available citation options are:

- MDC's, rugged and non-rugged hand held devices
- Ability to print out citation receipts
- Complete capture of citation information electronically
- Wireless printing of citations for defendant receipt
- Read Driver's License, Credit Cards, Student IDs, etc. for reduced data input
- Decode VIN into Manufacturer, Make, and Model of vehicle
- Optimized for ease of officers' citation completion
- Customized screens and printouts for all departments
- Extensive training options available to ensure officer acceptance
- Ability to update both Municipal Court and RMS systems
- Complete racial profiling reporting for state requirements
- Ease of modification with changing state laws and city ordinances
- Mapping reports for administrative review

Complete management of citations also include an extensive reporting capability, citation number management, audit and control, and many other public safety specific features.

Accident Reports and Vehicle Inventory – We offer robust integration with Brazos Technology enabling your officers to complete accident reports/drawings and perform an entire vehicle inventory before towing is allowed. These can be performed on a hand-held device or laptop

Warrants – This module tracks various warrant types, who/when/where/why issued, serving and assisting officers, dates/times of entry and expiration, charge and bond info.

Permits – All kinds of permits can be managed with this module: solicitor, alarm, etc. Records the following information: who the permit was issued to and when, permit fee, when was it paid, expiration date, items that were permitted, if training was provided, reason, restrictions, narratives and events.

Animal Control – Animal complaints/impounds can be recorded for future reference. The following information is maintained: Tag, cage, type, name, breed, sex, complainant, owner, released to, narratives, photo and video attachments, disposition and key events.

Registrations – This is useful if your agency requires citizens to register bicycles or other high theft items. Key information like owner, purchase location, complete description of item being registered, narratives, photo and video, copies of purchase documents and key events are captured for reference in the event of a future incident.

Ease-of-Use

Although this is the last feature mentioned, it is the most important. The challenge that ICS tackles when developing comprehensive, robust public safety solutions, is to make it so intuitive that minimal training is required. In times of need, these heroes do not need to be burdened with trying to figure out how to access critical information. ICS places ease-of-operation as a top priority. ICS wraps all of these complex capabilities with simple, intuitive forms.

By holding fast to a "no bloat" principal, ICS is able to provide performance, ease-of-use, ease-of-management with minimal impact on your administrative and operational staff. Most of our competitors keep piling on rarely-needed functions that add complexity, reduce performance and slow down your normal operations. ICS is extremely careful when adding features and functions. They must be approved by a committee formed from experts within our user community.

Summary

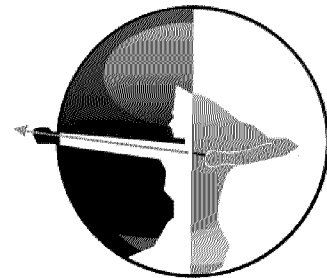
State and local agencies have a tough job. They receive fewer resources, provide more services, adjust to changing mandates, and face increased scrutiny from lawmakers and citizens - all at the same time.

ICS understands the business of public safety, and we offer the Athena suite of integrated solutions to help you meet this challenge. We help you streamline and optimize business processes, from serving and protecting citizens to sophisticated crime solving, while helping you negotiate a complex maze of reporting and regulatory requirements.

Additional modules available in the comprehensive Athena Law Records suite:

Computer aided dispatch, fire records, mobile data computer, incident management and many more.

If you are looking for a system with proven processes to deliver true efficiency gains, then ICS is the best choice.



ATHENA
Ultimate Products
EMPOWERING HEROES

Crime Analytics

Crime analysis goes beyond listing incidents by district, time of day, or offense type. ICS geo-centric tools are able to show key characteristics for pattern analysis to guide problem-solving responses. Tactical queries illustrate the differences between person crime and property crime patterns. This difference will guide the response for a series, a spree, a hot place, a hot prey or a hot setting.

ICS Crime Analysis software is not just for the analyst. These powerful tools can be in the hands of command staff and officers, so those closest to the public can spot crime trends, patterns and hot spots on a routine basis.

Users are able to plot crime for:

- Any time period
- Offense type
- Call type
- Modus operandi (MO)
- Entry method
- Exit method
- Solvability factor
- Narrative key words
- District
- Block range
- Map area
- Building type
- Gang
- Weapon used
- Departure method
- Person descriptors
- Property descriptors, and more



These tools are written by ICS and do not require third-party interfaces. ICS uses ESRI products for map layers with data from your GIS department. Users have the ability to select map layers, or show incidents or calls for service individually or in a heat map. The map allows drill-down capabilities to allow the user to see the incident detail. Fire departments can also take advantage of analytics for structure fires, call types or response times.

The ICS Crime Analysis module allows the creation of numerous reports to provide crime statistics, graphs, comparisons, and trends. Although these reports are more "crime reporting" instead of "crime analytics", there is still a need for agencies to product graphs and charts for publication. Standard reports include: Arrests by Multiple Criteria, Call for Service Comparison, Assault Percentages by Race and/or Sex, BMV's by Make, Model, Day, Time, Month, District, sex crimes, family violence, and many more.

Having information is vital, but analysis of the data will direct patrol, field contacts, surveillance, sting, investigating the pattern, contact potential victims, or provide pattern information to the public. A dispatcher or officer can move the GPS location of a call to provide granularity. Analysis can be done on a non-address location such as a parking lot or a creek by the soccer field.

Robust Ad-hoc queries

For analysts that want to drill into raw data, ICS's IntelliQuery puts Business Intelligence reporting in the hands of the end-user. This tool has all of the built-in features you expect in an enterprise reporting solution including a

Denton RFP #6400**Exhibit 3-6 Use Case "C"**

Report Scheduler, Role-based Security, Report Templates, Drill Downs, Exclusion/Inclusion Filters, Emailed Reports, Customizable SQL Select, Advanced Report Designer and Multiple Output Options (PDF, HTML, XML, XPS, Excel®, CSV, Word®, RTF, DBF).

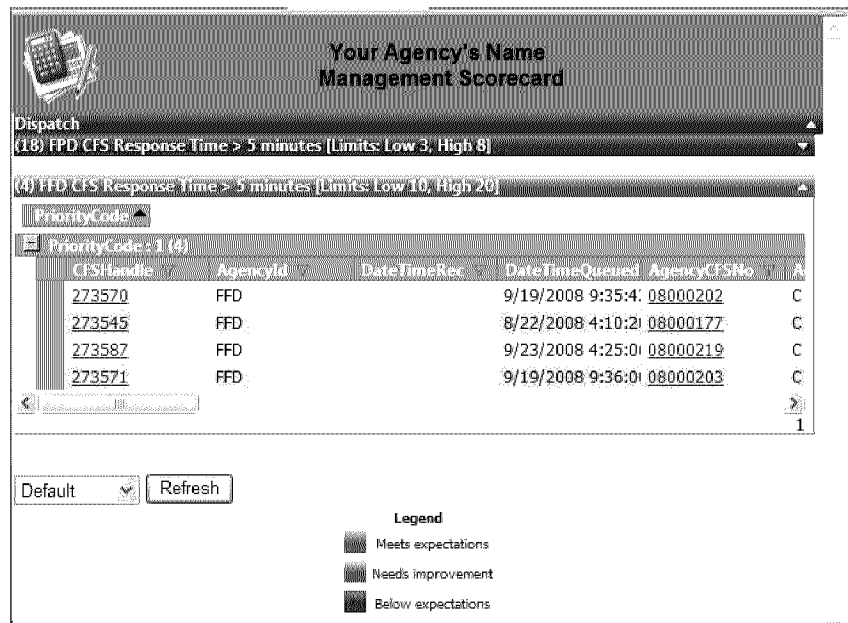
You can take advantage of the wealth of information stored in your public safety database when you need it. You can create elegant and persuasive Quick Reports, Charts/Graphs, Cross-tabulation Reports and Labels (mailing, barcode, etc.) in minutes with little or no technical knowledge. No more waiting for the already overburdened IT or report developers to build reports on their timetable.

- **Ease of Use** - Unlike generic report writers, IQ has been customized specifically for your public safety database. You do not have to tell IQ how to get the data. You simply tell it what you want, and it will figure out how to get it. Everyone in the agency from the chief to the receptionist can use the product. As a result, IQ saves technical staff time and alleviates the burden of creating every query and report of which an end-user could ever think.
- **Productivity** - With generic report writers, you are responsible for laying out fields and adjusting sizes and headings manually. IQ automatically places fields and headings on the report and sizes them appropriately. You can create a report in IQ in just seconds with only a few mouse clicks. Grouping, sorting, totaling fields, and filtering are as simple as selecting the desired option from a list.
- **Value** - IQ fulfills a valuable need every agency has - the access to information. More importantly, it allows the people who need the information the most, the ability to get it themselves.

Management Scorecard

An extension of ICS's Management-By-Exception (MBE) strategy, this tool is in the hands of everyone. Scorecard allows management to devote their time to investigating only those situations in which actual results differ significantly from planned results. The idea is that management should spend its valuable time concentrating on the more important items (such as shaping the agency's future strategic course). Attention is given only to material deviations requiring investigation. The ICS Management Scorecard tool inherits this concept.

Scorecard Charts Progress Toward an Objective - Our scorecard displays periodic snapshots of performance associated with an agency's strategic objectives and plans. It measures activity at a summary level against predefined targets to see if performance is within acceptable ranges. Its selection of key performance indicators helps management communicate strategy and focuses users on the highest priority tasks required to execute plans.



Scorecard provides users with more than just monthly snapshots of summary performance data. Managers employ this tool to empower users to work more proactively. It provides "actionable information"--the right data delivered to the right person at the right time to take positive action. There is no use charting a user's or department's progress if the data arrives too late or without sufficient detail for users to know how to fix a problem or capitalize on a transient opportunity.

TrapWire® with DPS and Homeland Security

ICS enhanced the Incident Reporting and Field Intelligence modules to easily feed the suspicious activity database hosted by TrapWire. TrapWire is a privately hosted repository fully embraced by Texas DPS and Texas Fusion Centers to house information for preventing and solving crime. This was said by a senior official at the Texas Department of Public Safety:

"TRAPWIRE has proven to be exactly the type of predictive analytical tool I had been looking for to protect DPS facilities and personnel from both terrorist and criminal events. DPS Troopers, Agents, and officers are still benefiting from the TrapWire surveillance detection training they received almost two years ago."

ICS's work with US Homeland security has given the officers on the streets an easy way of entering a SAR report. Armed with a robust database, officers or analysts can link evidence or activities outside the city to solve crime in Denton. TrapWire has been instrumental in arrests for homicides, rapes, human trafficking, drug smuggling, shoplifting and much more. Although TrapWire is a third party product and its cost is around \$10K for an agency the size of Denton, many agencies have found grant money to minimize the financial impact. ICS agencies in North Texas are seeing the value since the database delivers what has been needed for so long in law enforcement.

Final Word

From the complex to the simple, ICS has analytical products for every position in your agency. The goal could be spotting crime trends, patterns and hot spots, or testing strategies to improve response times. Whatever your agency wants to do, ICS will be there with the tools to use.

Racial Profiling

Law enforcement professionals are faced with increasing amounts of administrative and clerical tasks. ICS recognizes that unless we provide these heroes with tools to simplify and streamline these tasks, citizens will receive a reduction in true public safety activities.

ICS offers a comprehensive suite of fully-integrated modules that eliminate all duplication of effort, greatly reduce errors and minimize human intervention. The entry of racial profiling information is no exception.

Simple, one-time entry

Capturing racial profiling data must be a non-event so it will be captured every time. Agencies that enter this information into Athena CAD are prompted to enter the data before being allowed to clear a traffic stop. Agencies may elect to enter some of this data into their handheld ticket writers and/or MDC ticket writing software, such as Brazos Technology. In the ticket writer, racial profiling data is automatically sent to Athena CAD. Racial profiling summaries can be given to the City Managers and electronically submitted to the State. Ultimately all racial profiling data is compiled into one Tier I and Tier II report. The racial profiling report is compliant with recent Texas 2017 legislation



Easy reports

The reports are generated in Athena CAD or Athena Law Records, but the data is captured in CAD. State mandated reports are generated based on data from traffic stops made in a specific jurisdiction. The information extracted as specified in Texas Code of Criminal Procedure Art. 2.132 and 2.133 includes:

- physical description (including driver's gender and race/ethnicity)
- reason for the stop
- search information
- contraband discovery information
- arrest information
- location information
- officer action of written warning or citation

Analytic tools are available for the City of Denton to satisfy Article 2.134.

State report submissions

The racial profiling data is electronically submitted to the state via the TCOLE Department Reporting System (DRS) annually. All formatting of this information is processed in the Athena Records System for the online submittal.

UCR and NIBRS

The National Incident Based Reporting System (NIBRS) was designed by the FBI in cooperation with the International Association of Chiefs of Police and the National Sheriffs Association to replace the existing Uniform Crime Reporting (UCR) summary system. NIBRS is an incident-based reporting system through which data is collected on each single crime occurrence. NIBRS data is designed to be generated as a by-product of local, state, and federal automated records systems.

The Texas Incident Based Reporting System (TIBRS) is modeled after NIBRS. For each of the offenses coming to the attention of law enforcement, specified types of facts about each crime are collected.

An agency can build a system to suit its own needs. This includes any collection/storage of information required for administrative and operational purposes in addition to reporting data required by NIBRS to the national UCR Program.

Major Differences between IBR and UCR

- Additional and expanded Part I offenses - from 8 to 23
- More data elements collected for the Part I offenses for better crime analysis
- Magnetically submitted (typically online – no paper)

NIBRS/TIBRS collects incident and arrest data within 23 offense categories made up of 49 Group A offenses. The offenses that fall into this category are:

- | | |
|---|----------------------------------|
| 1. Arson | 13. Human Trafficking |
| 2. Assault | 14. Kidnapping/Abduction |
| 3. Bribery | 15. Larceny/Theft |
| 4. Burglary/Breaking and Entering | 16. Motor Vehicle Theft |
| 5. Counterfeiting/Forgery | 17. Pornography/Obscene Material |
| 6. Destruction/Damage/Vandalism of Property | 18. Prostitution |
| 7. Drug/Narcotic Offenses | 19. Robbery |
| 8. Embezzlement | 20. Sex Offenses |
| 9. Extortion/Blackmail | 21. Sex Offenses, Nonforcible |
| 10. Fraud | 22. Stolen Property |
| 11. Gambling | 23. Weapon Law Violations |
| 12. Homicide | |

In addition, there are 11 Group B offense categories for which only arrest data are reported. Most Group B offenses only come to law enforcement attention when arrests are made:

- | | |
|---|-------------------------------|
| 1. Bad Checks | 7. Liquor Law Violations |
| 2. Curfew/Loitering/Vagrancy Violations | 8. Peeping Tom |
| 3. Disorderly Conduct | 9. Runaway |
| 4. Driving Under the Influence | 10. Trespass of Real Property |
| 5. Drunkenness | 11. All Other Offenses |
| 6. Family Offenses, Nonviolent | |

Texas Incident Based Reporting System

The Texas Incident Based Reporting System is a part of the NIBRS submission. Texas requires that additional data on family violence and drug seizure offenses be collected.

Benefits of participating in NIBRS:

- The NIBRS can furnish information on nearly every major criminal justice issue facing law enforcement today, including terrorism, white collar crime, weapons offenses, missing children where criminality is involved, drug/narcotics offenses, drug involvement in all offenses, hate crimes, spousal abuse, abuse of the elderly, child abuse, domestic violence, juvenile crime/gangs, parental abduction, organized crime, pornography/child pornography, driving under the influence, and alcohol-related offenses.
- Using the NIBRS, legislators, municipal planners/administrators, academicians, sociologists, and the public will have access to more comprehensive crime information than the summary reporting can provide.
- The NIBRS produces more detailed, accurate, and meaningful data than the traditional summary reporting. Armed with such information, law enforcement can better make a case to acquire the resources needed to fight crime.
- The NIBRS enables agencies to find similarities in crime-fighting problems so that agencies can work together to develop solutions or discover strategies for addressing the issues.
- Full participation in the NIBRS provides statistics to enable a law enforcement agency to provide a full accounting of the status of public safety within the jurisdiction to the police commissioner, police chief, sheriff, or director.

Detail for the requirements for submitting data into the NIBRS can be found in the submission guidelines outlined in the Uniform Crime Reporting (UCR) Program's NIBRS Volume 1: *Data Collection Guidelines*, February 2015.

An RMS record vendor should both understand what IBR requires and have experience migrating agencies from UCR to IBR.

Before a local or state agency begins submitting data directly to the FBI, the agency will be asked to demonstrate its ability to meet NIBRS reporting requirements by submitting test data to the FBI. If a local agency is going to participate indirectly through its state UCR Program, it is the state's responsibility to ensure that the local agency is able to fulfill NIBRS data submission requirements.

ICS has helped numerous agencies submit to the NIBRS because IBR verification rules are built into the records system. ICS was the second RMS provider approved for IBR in the state of Texas. IBR and UCR codes are linked to your agency's offense codes. This allows officers to continue to use familiar codes in use at the agency without worrying about using a whole new set of codes.

For example, the screen below was entered by an officer using his own computer or tablet running a common browser. The officer made an arrest and entered two (2) offenses for this incident. The web-based application accepted it all, then guided the officer to clarify the incident using IBR rules:

Denton RFP #6400

Exhibit 3-6 Use Case "E"

ATHENA Home Messages NCIC Modules eric

[16000079] Incident

Incident number Agency * Call For Service Related incident

16000079 FPD 16000079 Search

Occurred earliest * Occurred latest * Reported *

09/19/2016 20:00 09/20/2016 07:00 09/20/2016 07:19

Address District Grid Disposition *

Search 151 4101 AC (Active)

(FRISCO HIGH)

Disposition change * Exceptional status *

6401 PARKWOOD BLVD 09/20/2016 07:19 N (Not Applicable)

FRISCO TX 75034 COLLIN

Officer 1 *


CHAPEL CREEK PKWY / STONEBROOK PKWY 9999 (SISK, ERIC) [FPD]

Officer 2

Current status

Status Date Status by

Save Undo Delete Lock Restrict Data Sharing Incident

The officer notices the display of warning symbols  on the left side of the screen. Those were not there last month when the agency submitted UCR. With the decision to use IBR, the switch in RMS was transparent. The software knows the requirements for offense type and helps the user enter correct information.

The officer entered the offense of "Theft of Property" but did not enter information about the stolen property. ICS has translated all of the most common IBR error codes into more officer-friendly language. Therefore, by hovering over a warning symbol, the program reads "Property record must exist with the offense (23H). Did you mean attempted instead of completed?" The program also gives the error code in the IBR codebook for further

ATHENA Home Messages NCIC Modules eric

[16000079] Incident

Incident [16000079] 6401 PARKWOOD BL

Offenses

THEFT PROP >=\$100<\$750 (

POSS CS PG 1 <1G (35A)

Parties


Property

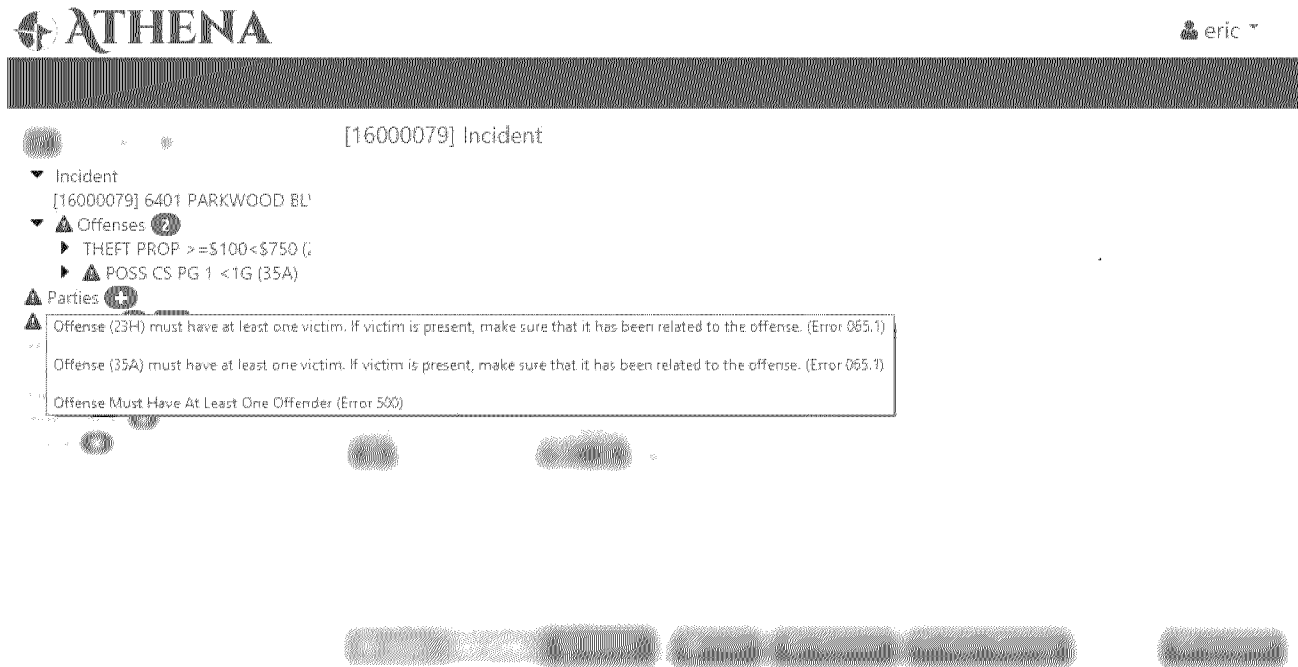
Property record must exist with this completed offense (23H). Did you mean attempted instead of completed? (Error 074.1)

Drug record must exist with this offense (35A). (Error 074.2)

Save Undo Delete Lock Restrict Data Sharing Incident

The officer decides to either show the offense as “attempted” if no property was stolen or enter property information in the system to satisfy the IBR requirement. He also sees that the second offense of “Possession” requires entry of a drug record, so he makes the entry.

Hovering over a second warning symbol , the officer discovers he has not entered victim information or entered at least one offender. Master name lookup will assist the officer in the event the victim or offender has history in the system. The software will guide the officer to enter relationships between the parties.



Warnings will appear or go away as the officer is entering the incident. When all the warning symbols have been satisfied, the officer is confident he has a verified report and has all the data needed for submittal to the state. The report may be approved for IBR submittal, but the supervisor or records clerk can always add to or edit the incident. The verification rules are always part of the software, so any change will automatically re-verify the report and display any new verification errors.

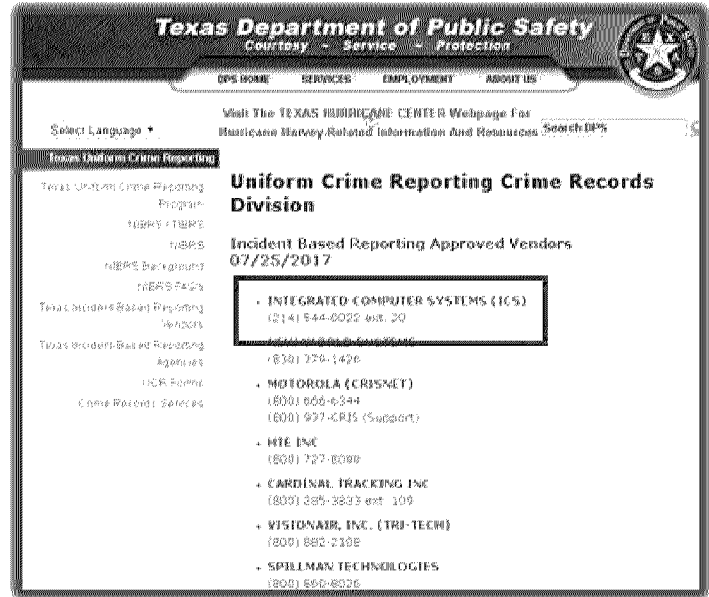
Most records clerks and officers find reporting IBR is much easier and less work than UCR. For example, if 15 cars were burglarized one night at an apartment complex, UCR would require the entry of 15 incident reports, each with its own narrative. The same crime with IBR requires 1 incident report with 1 offense and narrative, for 15 victims and 15 vehicles.

ICS software is completely scalable to fit the needs of any size agency. ICS builds software with the right mix of browser-based and other tools that maximize productivity and efficiency for every employee in every department.

Denton RFP #6400**Exhibit 3-6 Use Case “E”**

ICS was one of the first companies in Texas to meet the stringent requirements and is listed at the top of the Texas Department of Public Safety approved vendor list.

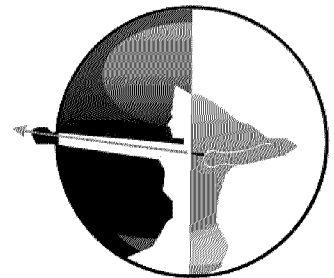
<https://www.dps.texas.gov/ucr/tibrvendors.htm>



ICS is staffed with experienced professionals, disciplined and knowledgeable training/support specialists, and engineers that understand how technology serves people. Our products and services, combined with our dedication to build a true partnership with you, help ensure your success!

By holding fast to a “no bloat” principal, ICS is able to provide performance, ease-of-use, ease-of-management with minimal impact on your administrative and operational staff. Most of our competitors keep piling on rarely-needed functions that add complexity, reduce performance and slow down your normal operations. ICS is extremely careful when adding features and functions. They must be approved by a committee formed from experts within our user community.

If you are looking for a system with proven processes to deliver true efficiency gains, then ICS is the best choice.



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Non-Intersecting Roadways

The most critical task that public safety agencies face is resource deployment. Every address, street span, or map point can be used to mark an incident requiring emergency response. When the call is plotted or moved by the Dispatcher or Officer in the field, multiple factors can change the response plan. ICS uses the latest ESRI Runtime (10.5) for displaying layers from the City of Denton GIS department, including elevations with non-intersecting roadways.

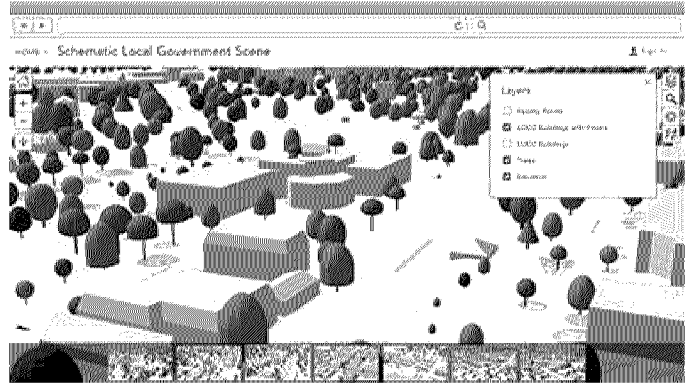
ICS Athena Powerful and Easy-to-Use Map Functions

- Incident Info** – Click on any active and/or pending incident to see all of the details. You can also make changes to the call (remarks, reporting party, etc.).
- Queries** – Multiple pre-defined queries can be invoked to plot any object from your database that has a lat/lon or valid address.
- Change Unit Status** – Merely click on a unit to change their status.
- Pictometry** – 2-D and/or 3-D aerial pictometry can be used as the background.
- ALOHA Integration** – After entering the ICS calculated weather and chemical data a plume will appear. Resident's phone numbers, within hazard zones, can be electronically exported for reverse 911 notification.
- GEO Fencing** – Management can be electronically notified when resources enter/leave a GEO fenced area.
- Replay** – Replay the exact route and speed a unit took to respond to any activity
- Search** – Globally search for any text contained anywhere in the map (street, parcel, hydrants, sanitation, water sources, call number, unit ID, etc.)
- Jump to a View** – Save zoom level, area and name for future recall.
- Identify** – Click on any element on any layer and see all underlying information.
- Directions** – Display and forward turn-by-turn navigation directions
- Premise Info** – Display information about a residence or business (alerts, alarm company and payment, chemicals, structure, hydrants in proximity, hours of operation, contacts, pre-plan, floor plans, camera locations, activate cameras, gate codes, chemicals and materials being stored, etc.)
- Presentation** - Zoom in/out, pan, measure distance, annotate with any shape/drawing, export any image

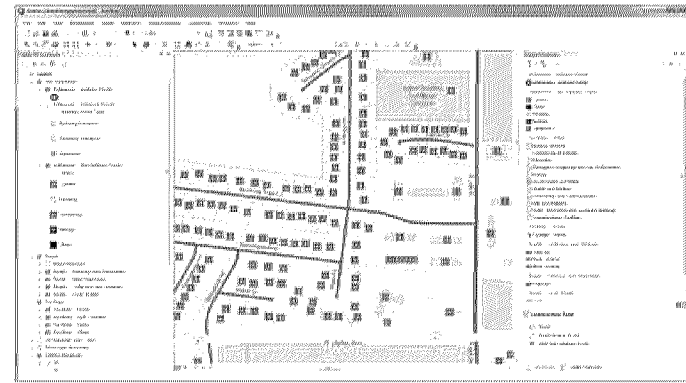


ESRI Features and Runtimes

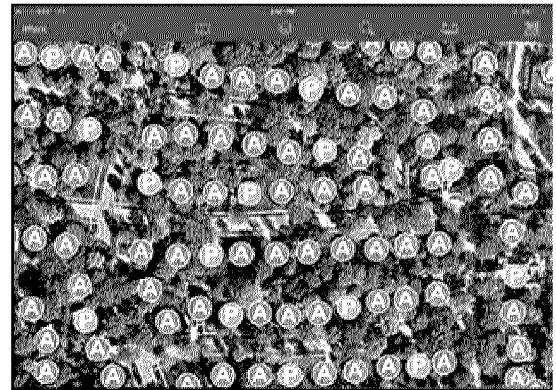
3D Basemaps – ESRI ArcGIS Pro can be used to author high-quality 3D scenes. These scenes are organized in different levels of detail and derived from 2D operational data managed by the GIS department.



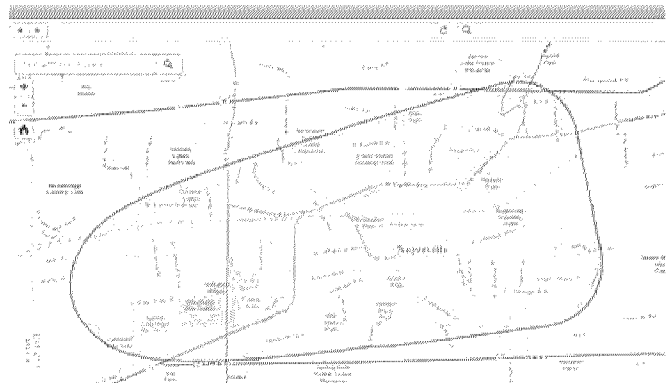
Address Data Management – A configuration of the ArcMap can be used by mapping technicians to collect and manage road centerlines with address ranges, facilities, site addresses, and related mailing address data. This can also be used by mapping technicians to inventory intersections, roads, and physical road characteristics (for example, speed limit, functional class, lane width, and number of lanes); and publish a series of road layers used in maintenance management and transportation planning workflows throughout a public works organization.



Address Field Verification – Is a configuration of ArcGIS that can be used by field staff to validate existing address information and collect new addresses discovered in the field. Also available with ArcGIS Pro is Community Addresses. Typically address data is managed by local governments and used to manage local government operations. Aggregating this data into larger geographies (county, region, or state) helps organizations and improve emergency responses, permitting, and administrative services at a more regional level. (Optional ESRI licenses may be required.)

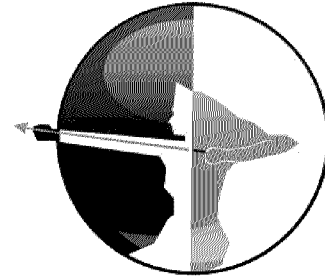


Evacuation Zones – is a configuration of the information lookup application that can be used by emergency management staff to notify the public when evacuations are required.



By holding fast to a "no bloat" principal, ICS is able to provide performance, ease-of-use, ease-of-management with minimal impact on your administrative and operational staff. Most of our competitors keep piling on rarely-needed functions that add complexity, reduce performance and slow down your normal operations. ICS is extremely careful when adding features and functions. They must be approved by a committee formed from experts within our user community.

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Pre-planned Response Assignments

ICS has developed proprietary algorithms that enable agencies to pre-define complex scenarios well in advance of their actual need. When the need arises, these pre-plans are employed without any user intervention. Any dispatcher (new or seasoned) can accommodate a mass-casualty shooting, involving mutual aid (multiple jurisdictions) that turns into a multi-alarm fire, just as easy as a vacation house watch.

Resource requirements can be customized to a specific type of business, geographic location, time of day, weather condition, equipment type, personnel skills, type of incident and the resource’s driving time from their current location. ICS can offer basic unit response packages, or advanced “closest-to” that tailors the response based on geospatial resources.



Flexible Response Algorithms

ICS provides various levels of unit responses:

- **Level One – Basic**
 - Calculates responding units by using backup districts
 - Units can be rotated based on the last time they cleared a call so it distributes calls among all units within the same district
- **Level Two – Response Packages**
 - Capabilities of Level One plus incorporates Response Packages
 - Response Packages allow more granularity with unit selection
 - User can specify a unit type and/or unit ID from an agency
- **Level Three – Closest To Unit Recommendations**
 - Capabilities of Level One and Two plus “Closest To” algorithms
 - “Closest To” assigns apparatus by calculating all unit’s drive time. The unit(s) that can arrive the soonest will be recommended by dispatch
 - Prerequisites:
 - ICS Advanced Mapping Software (CAD and Mobile)
 - Map data matches GEO and MSAG data 99% of the time
 - Map data includes dead-ends, one-ways, speed limits, overpasses, barriers, and GPS fences
 - GPS devices must be installed on all apparatus (mutual aid units do not require GPS)
 - Communications center must monitor GPS loss of signal and contact units for verification of location on a timely basis

An unlimited number of “Response Packages” can be defined to include one or multiple agencies. The type and number of Agency apparatuses are defined, with an “if/or” logic based on availability or number of minutes away from the incident.

Denton RFP #6400**Exhibit 3-6 Use Case “G”**

For example, response package “A” with an Escalation level of “1” can request 1 police unit plus one ambulance from the district OR 1 ambulance from Corinth and 1 Quint, OR one ambulance from Lewisville with a ATLS certified paramedic equipped with a defibrillator that can arrive in 3.8 minutes or less.

| Response Maintenance | | | | |
|----------------------|------------|-------------|------------|-------------|
| Response Name | Escalation | Agency Type | Unit Timer | Queue Timer |
| COMPL | 1 | P | 10 | 60 |

| Unit Type and Count | Pager Notification | Response Exceptions |
|--|--------------------|---------------------|
| (1S) (1PSPD)E (1P[ECISM,RIOT] AND (1P[T3.8] OR 1P[D2.8]) AND (1F[CENT-PARA]) | | |

A problem with the split-second automatic decision-making is that officers and firemen may not be dispatched to locations they have in the past. This change invariably questions the decision making process. Since all calculations are captured at the time of dispatch, a simple audit report shows the distance or drive time from the incident.

The ability to have response packages define the units with options, and make those options be time sensitive, give the City of Denton the best solution for their citizens.

| Unit | Agency | Drive Time |
|------|--------|------------|
| M22 | AFD | 9.5 |
| R1 | AFD | 3.5 |
| PM1 | PSFD | Unknown |

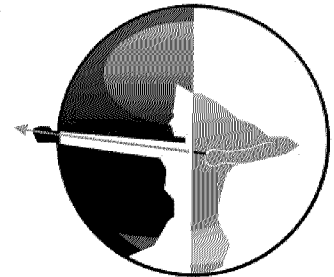
Officer Safety Features

- **Immediate NCIC Hit Alerting and Broadcast** – When a call taker or mobile unit run a plate or person everyone is notified if a query returns a “hit”.
- **Location Alerts** – Immediately upon address verification the call entry person (whether it be a call taker or a mobile unit) the database is searched and will return the following information color coded by severity:
 - Chemical and material hazards
 - Specific location and radius alerts (guns, dogs, threats, etc.)
 - Historic calls for service that involved potential officer safety issues
- **Person and Vehicle Alerts** – Whenever a call taker or mobile unit runs a plate or person an automatic query is sent to our master person and master vehicle database. Activity and disposition is displayed to the user (color-coded by severity).

Summary

State and local agencies have a tough job. They receive fewer resources, provide more services, adjust to changing mandates, and face increased scrutiny from lawmakers and citizens - all at the same time.

ICS understands the business of public safety, and we offer the Athena suite of integrated solutions to help you meet this challenge. We help you streamline and optimize business processes, from serving and protecting citizens to sophisticated crime solving, while helping you negotiate a complex maze of reporting and regulatory requirements.



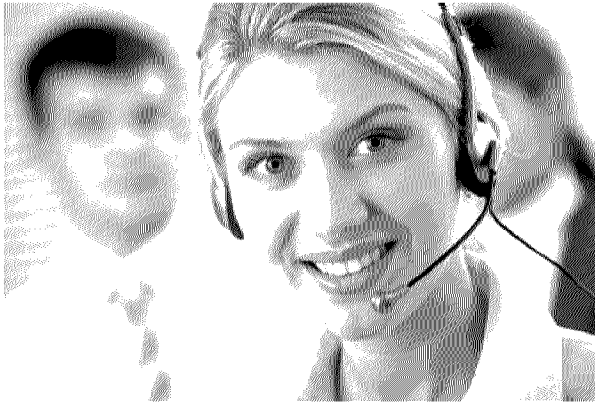
If you are looking for a system with proven processes to deliver true efficiency gains, then ICS is the best choice.

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CAD System Emergency Maintenance

Reporting severity level 1 or 2 events

ICS takes highly severe calls very seriously. For this reason, we have support staff available 24 x 7 x 365. ICS agencies are provided with a specific number to call for high severity events occurring outside of normal business hours. Our help desk is designed to give the right answer right away. Many companies hire interns or novice users



to be first level support. The customers wind up training the help desk instead of the other way around. At ICS we understand calling or emailing the help desk is not a flippant activity. The users may be frustrated and have already done the obvious. The ICS help desk is staffed with seasoned, English-speaking professionals that know your processes and applications. We are staffed with experienced professionals, disciplined and knowledgeable training and support specialists, and engineers that understand how technology serves people. Our products and services, combined with our dedication to build a true partnership with you, help ensure your success.

Immediate response for critical issues

We classify and measure responses to software issues based on priority. A high priority issue is one that involves a major module being out of service. Those are immediately escalated so all resources are put on notice and may be called upon. These are very rare situations, but resolution is measured in minutes, not hours. Most are due to hardware or power failures, but if it is something we can control, the issue will be resolved in less than 90 minutes. Medium priority issues are those where a workaround is available, but performance is impeded. Medium priority issues are resolved in less than 24 hours. Low priority issues, when a workaround does not impede performance, are resulted in the next software release.

Resolving severity level 1 and 2 events quickly

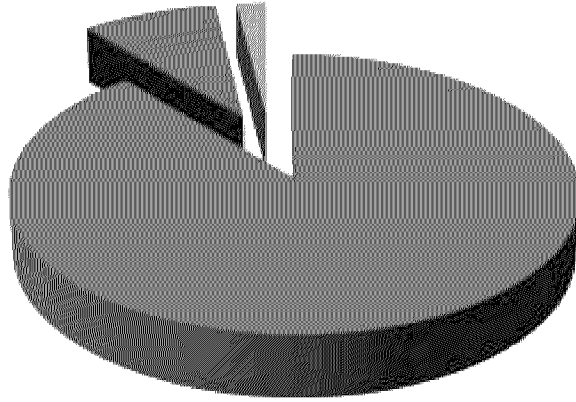
As mentioned above, in the event of a severe situation, ICS is prepared to call upon any resource necessary for resolution. This might include additional support staff or even software developers. While most issues can be resolved remotely, an occasion might occur when a support should be deployed to the site of the event. In these cases, having a local vendor within a few miles will be crucial to the response and resolution time.



ICS is a software company that has successfully turned a passion into a profession. With over 30 years of experience, we are very well qualified to serve you now and into the future. The ICS suite of products has evolved over the years to be a natural extension of how you work.

All products were built on a common platform, enabling the users to function with little to no training. This vision is evident with the volume and type of support calls we receive. A typical week will have hundreds of calls, with 100% resolution—recapped below by type:

As you can see from this chart, our products are extremely reliable, and our users rely on us for almost everything. That is the way we like it. We want your users and IT staffs to depend on us when they have minor questions or when their equipment has failed. ICS is viewed by our clients as a business partner that places their success higher than our own.



- IT issues: connectivity, servers, workstations, performance, printers, etc.
- Policy/procedure questions, user training or enhancement requests
- Software inconsistencies

We measure our performance by the satisfaction of our clients, and achieve that success from these three areas:

Support

- On-demand and regularly scheduled updates support our customer's stressful, 24 X 7 environment.
- Meeting and exceeding customer expectations is our highest priority.
- Formal and informal training is a must. Ad-hoc training happens every week and regularly scheduled events ensure people are trained quickly and accurately.
- IT departments are typically stretched thin. We deploy software and updates without their involvement. Before software is installed on your server, all enhancements and patches are thoroughly tested by our quality control department. We work hard to get an install failure rate of less than 1%. When the release passes QC, the software is automatically

installed through group policy requiring no involvement from your IT staff. Many customer view us as their "off-site" IT staff.

Product suite

- Integrated - data sharing prevents duplication of effort/data
- Intuitive - minimal training
- Intelligent - auto-fill data as much as possible

People

- Dedicated client account managers
- On staff trainers
- In-house programmers – no offshore or contract labor
- Quality Assurance/Software testers
- Most staff members have public safety experience and understand public safety needs.
- All our staff members are certified experts in the software and their respective roles.

Supplemental - Disclosure

The proposal and our response are submitted in the spirit of negotiation. ICS fully anticipates detailed discussions, which will result in fine-tuning our solution to meet your requirements. ICS is willing to negotiate with agency on any terms, conditions, product offering or price. This proposal is effective for one hundred eighty (180) days from the date hereof and shall automatically expire unless extended in writing by Integrated Computer Systems, Inc. The undersigned affirms that they are duly authorized to execute this contract, this bid has not been prepared in collusion with any other bidder, and the contents of this bid have not been communicated to any other bidder prior to the official opening of this bid.

This proposal represents the basic terms and conditions under which ICS intends entering into contractual arrangements of the proposed products and services. However, the final terms and conditions are subject to ICS's corporate approval and acceptance.

This proposal from ICS is for highly technical computer related products and services, and is based on ICS's understanding and interpretation of the specifications and information provided. A change in the initial specifications, interpretations or information could require alteration of this ICS proposal. While we believe our proposal is sound, the degree of success with which equipment and application software can be effectively utilized is dependent of many factors, which are not within the control of Integrated Computer Systems, Inc. Therefore, results to be obtained from this proposal must not be regarded as expressed or implied warranties.

This proposal only provides the items specifically noted in this response. It is assumed that the agency will provide all other items. These items include but are not limited to: all cabling suitable for adequate performance, sufficient band width, all communications equipment except that noted in our response, adequate power and space for all equipment, etc.

Prices offered herein is a site license or, if preferred, a user license for the City of Denton RFP #6400 for products licensed by ICS. All third-party licenses are to be purchased by the COA outside of this response, with the exception of Lexis/Nexis software, which may be included in this proposal. Third-party software is priced and renewed subject to the terms and conditions of their respective owners. Additional Support Fees may be required by ICS if there is a significant increase in Customer's size with respect to the use of the Software. An increase of size may be from Customer's employee growth or from a Host/Shared Agency relationship unknown to ICS. The final agreement between the parties will have control and include customer-accepted products, services, terms, conditions and price. ICS reserves the right to reject any contract or order, if in its opinion, cannot comply with the description or requirements of the order.

This proposal contains proprietary information of Integrated Computer Systems, Inc. and neither this proposal, nor said proprietary information shall be published, reproduced, copied, or used for any other purpose other than consideration of an ICS computer system.

Integrated Computer Systems, Inc.

3499 FM 1461

McKinney, Texas 75071

Authorized name and title: Thomas P. Galbraith, Jr.

Authorized signature: 



Supplemental - Warranty

Equipment and Software warranties are set forth below. A complete description of warranties will be provided with ICS contracts.

Representations and Warranties

SYSTEM FUNCTIONALITY: Seller represents that the System will perform consistently with the Specifications in all material respects. Upon System Acceptance or Beneficial Use, whichever occurs first, this System functionality representation is fulfilled. Seller is not responsible for System performance deficiencies that are caused by ancillary equipment not furnished by Seller attached to or used in connection with the System or for reasons beyond Seller's control, such as (1) an earthquake, adverse atmospheric conditions, or other natural causes; (2) Customer changes to load usage or configuration outside the Specifications; or (3) any acts of parties who are beyond Seller's control.

EQUIPMENT WARRANTY: Warranties from the respective manufacturers will be passed to Buyer. Seller warrants that the Equipment under normal use and service will be free from material defects in materials and workmanship.

ICS Software Warranty Unless otherwise stated in the Software License Agreement, for one (1) year from the date of System Acceptance or Beneficial Use, whichever occurs first, Seller warrants the ICS Software in accordance with the terms of the Software License Agreement and the provisions of this section, Section 13, that are applicable to the ICS Software.

EXCLUSIONS TO EQUIPMENT AND ICS SOFTWARE WARRANTIES: These warranties do not apply to: (1) defects or damage resulting from use of the Equipment or ICS Software in other than its normal, customary, and authorized manner; (2) defects or damage occurring from misuse, accident, liquids, neglect, or acts of God; (3) defects or damage occurring from testing, maintenance, disassembly, repair, installation, alteration, modification, or adjustment not provided or authorized in writing by Seller; (4) breakage of or damage to antennas unless caused directly by defects in material or workmanship; (5) defects or damage caused by Customer's failure to comply with all applicable industry and OSHA standards; (6) Equipment that has had the serial number removed or made illegible; (7) batteries (because they carry their own separate limited warranty); (8) freight costs to ship Equipment to the repair depot; (9) scratches or other cosmetic damage to Equipment surfaces that does not affect the operation of the Equipment; and (10) normal or customary wear and tear.

WARRANTY CLAIMS: Before the expiration of the warranty period, Customer must notify Seller in writing if Equipment or ICS Software does not conform to these warranties. Upon receipt of such notice, Seller will investigate the warranty claim. If this investigation confirms a valid warranty claim, Seller will (at its option and at no additional charge to Customer) repair the defective Equipment or ICS Software, replace it with the same or equivalent product, or refund the price of the defective Equipment or ICS Software. Such action will be the full extent of Seller's liability hereunder. If this investigation indicates the warranty claim is not valid, then Seller may invoice Customer for responding to the claim on a time and materials basis using Seller's current labor rates. Repaired or replaced product is warranted for the balance of the original applicable warranty period. All replaced products or parts will become the property of Seller.

ORIGINAL END USER IS COVERED: These express limited warranties are extended by Seller to the original user purchasing the System for commercial, industrial, or governmental use only, and are not assignable or transferable.

DISCLAIMER OF OTHER WARRANTIES. THESE WARRANTIES ARE THE COMPLETE WARRANTIES FOR THE EQUIPMENT AND ICS SOFTWARE PROVIDED UNDER THIS AGREEMENT AND ARE GIVEN IN LIEU OF ALL OTHER WARRANTIES. SELLER DISCLAIMS ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Limited Warranty

The warranty period for the Software will commence upon shipment and will continue for 120 days unless Licensor has agreed to a different warranty period in a separate agreement that has been mutually executed by Licensor and Licensee, in which case the warranty period will be as stated in such agreement subject to the remainder of this agreement. For Integration Framework software products and the Athena software suite, the warranty period shall commence as stated in the applicable agreement and will continue for 1 year, as state in the Cities RFP. For Software that is application software that is provided on a per unit basis, the warranty period for subsequent units licensed is the remainder (if any) of the initial warranty period or, if the initial warranty period has expired, the remainder (if any) of the term of the applicable Software Maintenance and Support Agreement.

During the applicable warranty period, Licensor warrants that the unmodified Software, when used properly and in accordance with this Agreement, will be free from a reproducible defect that eliminates the functionality or successful operation of a feature critical to the primary functionality or successful operation of the system. Whether such defect occurs will be determined solely with reference to the Documentation. For Software involving radio frequency systems and Products, the primary functionality of a voice communication system is subscriber-to-subscriber, subscriber-to dispatcher, and dispatcher-to-subscriber voice communication; and the primary functionality of a data communication system is point-to-point data C. transmission. Licensor does not warrant that Licensee's use of the Software or Products will be uninterrupted or error-free or that the Software or the Products will meet Licensee's particular requirements.

Before the expiration of the applicable warranty period, Licensee must notify Licensor in writing if the Software does not conform to this warranty. Upon receipt of such notice, Licensor will investigate the warranty claim. If this investigation confirms a valid warranty claim, Licensor will (at its option and at no additional charge to Licensee) repair the defect, replace the defective Software with the same or equivalent software, or refund the price of the defective Software or individual Product in which the Software is embedded or for which it was provided. Such action will be the full extent of Licensor's liability and Licensee's sole remedy for a breach of this warranty. If the investigation indicates the warranty claim is not valid, then Licensor may invoice Licensee for responding to the claim on a time and materials basis using Licensor's current labor rates.

LICENSOR DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE TRANSACTION COVERED BY THIS AGREEMENT IS A LICENSE AND NOT A SALE OF GOODS; THEREFORE, IT IS NOT COVERED BY THE UNIFORM COMMERCIAL CODE.

Maintenance

The ICS standard Maintenance and Support Agreement is enclosed as part of ICS Contracts.

Maintenance and Support Approach

The ICS Customer Support Center provides 24 hours a day, 7 days a week, 365 day a year customer support via email and on-line system access. ICS's Level I software warranty and maintenance services include unlimited telephone Technical Support Services. Technical Support Services include diagnostic services, troubleshooting, and resolution for all reported ICS application software errors. When a problem is reported, an ICS Support Analyst will contact the customer-designated System Administrator by telephone and connect to the System directly via on-



line diagnostic modem/VPN. Problem evaluation and resolution begins immediately. ICS needs VPN access to the ICS Public Safety SQL server IP address for deployment of database changes. This is normally done on port 1433. VPN access will not be needed to access other machines. The VPN can be site to site so that it is only accessible from the ICS offices (source IP specific). VDI will be used for any connections to the actual operating system of any other machines.

A Support Team will be specifically assigned to the Agency to provide on-going maintenance coverage. The support team will consist of a Support Analyst (SA). The SA will provide routine remedial (or corrective) and preventive service. Each SA is furnished with the tools, training, and access to information needed to ensure superior system operation and performance of the Agency's system. Backing up the SAs are highly skilled Technical and Product Support Analysts, Engineers, and Customer Support management.

The Agency's requests for support will be logged and tracked by ICS's 24x7 Customer Assistance Request support center (CARE). The City/County may log calls via telephone to 214-544-0022 or email to care@icsnews.com. To log a request, the County simply needs to furnish the site name, account number, or a system node name. After taking a brief description, the CSC will provide a unique tracking number.

ICS's solution tracking system is state-of-the art and seamlessly integrates call incidents from the first ring all the way through to final resolution. All service activity for the Agency will be recorded. This tool allows ICS to continually monitor performance and produce management reports for the Agency. Service history reports such as call history and resolution, open call, and activity reporting can be generated from the information tracked and will be distributed via automatic e-mailing at daily, weekly, or monthly intervals, according to the Agency's requirement. In addition, ICS can send auto-email notification to the Agency's designee each time a service call is logged or there is a change in the call status. A final notification auto-email can be sent when the call and the problem resolution are concluded.

To ensure the service request is dispatched efficiently, ICS's solutions tracking system (CARE) uses an auto-escalation program for call assignment.

ICS support is based on the Severity Levels as defined below. Each Severity Level defines the actions that will be taken for Response time, Target Resolution time and Resolution Procedures for reported errors.

| CALL ASSIGNMENT AUTO-ESCALATION TABLE | |
|--|-------------------------|
| <i>RESPONSIBILITY</i> | <i>STANDARD PRODUCT</i> |
| <i>Support Rep</i> | <i>0 MIN</i> |
| <i>Second Contact</i> | <i>15. MIN</i> |
| <i>1st Level Manager</i> | <i>30. MIN</i> |
| <i>2nd Level Manager</i> | <i>45. MIN</i> |
| <i>3rd Level Manager</i> | <i>60. MIN</i> |

Table 1: Call Assignment Auto-Escalation Table.

Optional Maintenance Plans

ICS offers the following optional support levels for ICS products:

Help Desk/Remote Maintenance

ICS offers the customer access to its 24/7 support. This ensures that the customer will have immediate access to ICS service in the event of a system failure. ICS will also perform remote maintenance tasks as required to support timely return of the system to an operation state. In the event that a critical system failure cannot be resolved remotely, next day on-site emergency support will be provided. Depending on the level of support selected, there may be a charge for some of the above services.

All material required to repair hardware which is outside of its warranty period will be at the customer's expense. Furthermore, if it is discovered that a system failure is the result of customer misuse, negligence or an unauthorized addition/alteration of the CAD/RMS network/systems, the customer will be liable for time and material expenses necessary to return the system to a functional state.

Training

ICS is fully capable of providing effective training for all proposed systems using field proven, hands on training courses. ICS training specialists are responsible for responding to all customer training needs. This team is responsible for both the development and delivery of training on all ICS products. They develop and deliver training to a variety of audiences; the call-takers and dispatchers who use ICS products on a daily basis are assisted in managing emergencies; the site administrators who update their sites configuration regularly; and the technicians who install and maintain ICS's systems. All of ICS's training specialists are cross-trained and have extensive experience in training various audiences.

The training strategy for all ICS products and across all audiences places an emphasis on practical, hands-on experience. With respect to user training, Training Specialists generally travel to the customer sites to deliver training. This allows the Training Specialists to observe the environment in which the users work and tailor the training accordingly. Whenever possible, a customer's equipment and site-specific configuration are used to ensure a training experience that is as close to the real system environment in which the call-takers and dispatchers will be operating.

The same approach is taken for administrator training. Training Specialists train site administrators on the ICS software modules that will enable them to update their own site configuration. If customer equipment is being used, site administrators can begin to make desired updates and modifications during the training sessions themselves.

Customer Contact

The Agency should appoint one or more ICS "certified" employees to perform the following duties:

- Warranty and maintenance support functions
- System Administration duties
- Act as a primary point of contact to ICS's Customer Support organization for reporting and verifying problems
- Perform system back-up
- Perform all other typical IT functions

This designated contact(s) will be trained in system operations. This ensures productive interaction with ICS's support personnel to quickly resolve current and future problems. Should a problem arise, the designated contact

person first performs an initial troubleshooting to verify the problem, then if necessary, contacts ICS's CARE system for further assistance. Special training for contact personnel help to ensure rapid problem resolution.

Source Code Escrow

ICS delivers current releases of software source code, documentation and compile instructions to a 3rd party escrow agent. This annual price includes a basic Physical Audit of the Deposit Materials, which consists of reviewing the Deposit Inventory Form and visually checking the tangible media containing the Deposit Materials for any discoverable discrepancy with the form. A discovered discrepancy will be reported in writing to both the Owner and the Beneficiary. Up to four deposits are included per year.

Source Code Verification

The 3rd party escrow agent will compile the source code in Deposit Materials and will build an executable program following build instructions and configuration information from the Owner. The 3rd party escrow agent will provide access to this executable on an FTP site for Beneficiary download (priced per each verification).

RFP 6400 City of Denton Evaluation Committee Questions for ICS

A. Prices still needed

Law RMS Interfaces

- AFIX Tracker

ICS: This interface would work like this:

- *ICS Athena Records Booking/Intake – Pass prints to Mentalix and store the fingerprint data returned from Mentalix in the ICS Athena Records database.*
- *AFIX Tracker – Capture latent prints*
- *AFIX Tracker – Search the ICS Law master name database for a match and return the results*

- Vigilant Solutions

ICS: The Facial Recognition interface would work like this:

- *ICS exports all master name data and photos from the Law Records system to the Vigilant database*
- *Vigilant scans face(s) and displays a match*
- *This match is sent to the ICS law records system to display the person's involvements*

ICS: Revised 6400BAFO attached with prices for the 2 products

B. Deletions

- Remove FATPOT from CAD interface pricing – FATPOT/TellUs is not needed in Denton County

C. Clarifications

- The PD participates in the Law Enforcement Advanced DUI/DWI Reporting System (LEADRS). Is an interface available or necessary to transfer data collected in LEADRS?

ICS: An interface is not required. Arrest and Incident records can be created from the call for service and the LEADRS documents can be attached to those records, as long as the documents can be exported in pdf or a standard Microsoft format.

- If so, what is the price for the interface?

ICS: If you want the arrest and incident data from LEADRS to create an ICS Arrest and/or Incident record the price not to exceed \$47,500

- Motorola MCC7500 radio console interface: GPS data provided by portable radios is not needed in CAD. An alternate application will be used to map the location of portable radios. The city is interested in learning more about interface options for the MCC7500 radio console system under development for other jurisdictions.

ICS: The spec is attached.

- Does ICS have any agencies currently using ASAP to PSAP? If so, please explain.

ICS: We do not have any agencies using ASAP to PSAP but we already utilize a similar product (NCIC/TLETS) written by the same company (CommSys). CommSys developed the ASAP to PSAP software for APCO.

The ICS CAD ASAP to PSAP interface will provide these functions:

ICS will provide a standardized data exchange for the electronically transmitted alarm information between an alarm monitoring company and a 9-1-1 PSAP. There are three primary uses for this Information Exchange Package Document (IEPD):

- *Initial notification of an alarm event by an alarm monitoring company to a PSAP*
- *Update of status by the PSAP's CAD system to the alarm monitoring company*
 - *Alarm Notification Accepted, call-for-service created*
 - *Alarm Notification Reject due to invalid alarm location address or invalid event type*
- *Bi-directional update of other events between an alarm monitoring company and a PSAP*
 - *Requests for cancellation by the alarm monitoring company*
 - *Updates concerning key-holder information by the alarm monitoring company*
 - *Notice by the PSAP that the primary response agency has been dispatched*
 - *Notice by the PSAP that the primary response agency has arrived on scene*
 - *Notice by the PSAP that the event has been closed (with a disposition if applicable)*
 - *Updates from the PSAP dispatcher or field resource requesting additional information such as an estimated time of arrival for the key-holder*

D. Training

- Please clarify that a "unit" in training is an individual class.

ICS: A unit is either a 4 hour or 8 hour class, depending on topic. A half-day 4 hour unit is \$780 and a full day 8 hour unit is \$1,560

- The City would like to review the syllabus or curriculum for each training class

ICS: Syllabuses are attached. The addresses for all training will be in the City of Denton.

- Please identify which courses described in Section 11 of the Project Overview will be held at City of Denton or at ICS.

ICS: All training will be in Denton

- Need additional Train-the-Trainer courses for law RMS

ICS: Additional classes can be added upon request at the price specified in the proposal

- How many students will be allowed to participate in each class?

ICS: We bring 15 laptops for hands-on training. Users can double up so no class should be more than 30 students.

- Which courses are available on-line?

ICS: ICS has on-line training for these products. Master name, Master Property, Master Vehicle, Master Location, ICS Mobile., Athena Mobile Map, EOC/Incident Command, Law Crime Analysis, Case Management, Document Locator, Narrative Builder, Ad-hoc Report Writing (IQ), Personnel, and GEO Utility. Some on-line classes may be for earlier versions of currently released products, although ICS is always updating older revisions.

- Need additional RMS user classes

ICS: Same as above, additional classes can be added upon request at the price specified in the proposal

RFP 6400 Best and Final Offer (BAFO) Pricing Sheet for Public Safety CAD MDS LRMS Systems

Respondent's Business Name

Integrated Computer Systems, Inc.

Principal Place of Business (City and State)

McKinney, Texas

Bidder's are to present costs using this Pricing Form
Bidders must complete and submit this form via e-mail to Cynthia.Alonzo@cityofdenton.com by Thursday, January 17, 2019 at 12:00 p.m. CST.

This form shall also include payment terms required for proposed goods and services.

The prices included must represent the Bidder's actual costs that will be associated with implementing and delivering the proposed system(s).

Cost information must include all anticipated implementation and operating costs, both one-time and on-going.
Bidders must include information about licensing and quantities
Bidders should describe and provide a quote for optional components -- including query tools, report writers, etc. -- as individual and separate items.
Any upgrade to the base system needed for optional components must be included.

Any sections marked "Optional" designate components for which COD seeks pricing, but may or may not decide to include in the overall project.
Bidders must provide pricing for the application and operating system software required to support the application.

| COST STATEMENT DESCRIPTION | |
|----------------------------|--|
| STATEMENT COLUMN | DESCRIPTION |
| Item - Detail | This column presents the items for which cost information must be provided. |
| Unit Cost | Indicate Bidder's offered price for the item. |
| Extended Cost | Indicate the total cost for the item (Units x Unit Cost) |
| Recurring Costs | Indicate all expected costs which City of Denton would incur on an ongoing basis. Annualize this number and indicate in the comments when COD would begin incurring this cost (e.g., 1 year after acceptance, etc.). |
| | Bidder must describe what is provided with annual maintenance fee (e.g., upgrades, patches, etc.) and include application and third party sub-component specifications. |
| Comments | In this column, please provide additional information about your costs. |

Mission Critical Partners, Inc.

City of Denton, TX
PD FIRE CAD/LRMS/FRMS

1/10

RFP 6400 Best and Final Offer (BAFO) Pricing Sheet for Public Safety CAD MDS LRMS Systems

Respondent's Business NameIntegrated Computer Systems, Inc.

Principal Place of Business (City and State)McKinney, Texas

A. Computer-Aided Dispatch (CAD)
In the table below, provide the associated costs of the proposed CAD solution.
Include a line for each major software component/module. Document interface costs in Interface Section below.

| A. Computer-Aided Dispatch | | | | | | | |
|---|-----------|-----------|---------------|-----------------|--|--|--|
| Item – Detail | Units | Unit Cost | Extended Cost | Recurring Costs | Comment | City's Clarification Questions | |
| Base CAD Software | | | | | | | |
| Seat-license pricing | N/A | \$ - | \$ - | \$ - | No tier pricing | | |
| Enterprise-license pricing | 1 | \$ - | \$ 217,340.00 | \$ - | | | |
| Tiered license pricing | N/A | | | | No tier pricing | | |
| Vendor Base Mapping Software | | \$ - | \$ - | \$ - | | | |
| CAD Workstation - Seat-license pricing | | \$ - | \$ - | \$ - | No tier pricing | | |
| CAD Workstation - Enterprise-license pricing | unlimited | \$ - | \$ 105,000.00 | \$ - | Enterprise license covers all CAD users for the products that comply to the RFP. The CAD user must be employed by the City. This is also called a site or city-wide license. | Please provide a clear definition of the term "enterprise". Please describe how many seats or concurrent instances of CAD, MDS, and LERMS are allowed. | |
| CAD Mapping - Seat-license pricing | | \$ - | \$ - | \$ - | No tier pricing | | |
| CAD Mapping - Enterprise-license pricing | | \$ - | \$ - | \$ - | Included in CAD workstation price | | |
| | | | | | | | |
| Web-Based CAD License | unlimited | \$ - | \$ 30,000.00 | \$ - | CAD user license plus browser software | | |
| iOS/Android CAD License | unlimited | \$ - | \$ - | \$ - | | | |
| | | | | | | | |
| Additional Costs, if any (Provide Descriptions) | | | | | | | |
| | | | | | | | |
| Custom Development (if applicable) | | \$ - | \$ - | \$ - | | | |
| Closest-To Dispatch | unlimited | \$ - | \$ 50,000.00 | | | | |
| 3rd Party Components (list each) | | \$ - | \$ - | \$ - | | | |
| | | \$ - | \$ 402,340.00 | | | | |
| Discount | | \$ - | \$ 162,947.00 | \$ - | | | |
| | | | \$ 239,393.00 | | | | |
| Total: | | NC | NC | NC | Included with initial licensing | | |
| Warranty Period (min one year) | | | | | | | |
| Maintenance Year 1 | | \$ - | \$ 33,797.00 | \$ - | Yes, the discount is reflected in the RMS maintenance | ICS would no longer be responsible for maintenance of the fire department RMS product, will this result in reduction of annual maintenance cost? | |
| Maintenance Year 2 | | \$ - | \$ 34,810.91 | \$ - | | | |
| Maintenance Year 3 | | \$ - | \$ 35,855.24 | \$ - | | | |
| Maintenance Year 4 | | \$ - | \$ 36,930.89 | \$ - | | | |
| Maintenance Year 5 | | \$ - | \$ 38,038.82 | \$ - | | | |
| Maintenance Total: | | \$ - | \$ 179,432.86 | \$ - | | | |

RFP 6400 Best and Final Offer (BAFO) Pricing Sheet for Public Safety CAD MDS LRMS Systems

Respondent's Business Name

Integrated Computer Systems, Inc.

Principal Place of Business (City and State)

McKinney, Texas

B. Mobile Data System (MDS)
In the table below, provide the associated costs of the proposed MDS solution.
Include a line for each major software component/module. Document interface costs in Interface Section below.

| B. Mobile Data System | | | | | | |
|---|-----------|---------------|---------------|-----------------|---|--------------------------------|
| Item – Detail | Units | Unit Cost | Extended Cost | Recurring Costs | Comment | City's Clarification Questions |
| MDS Base Software | Lot price | | | | | |
| Client-license pricing | | \$ - | \$ - | \$ - | Indicate units threshold for each pricing tier | |
| Enterprise-license pricing | 1 | \$ 516,750.00 | \$ 516,750.00 | \$ - | 3% of seat license paid annually for site license | |
| | | | | | | |
| Android/iOS license | Lot price | \$ - | \$ - | \$ - | Respondent determine quantity needed and price in single lot | |
| Web-based license | Lot price | \$ - | \$ - | \$ - | Respondent determine quantity needed and price in single lot | |
| | | | | | NOTE: Respondent should indicate whether there is a threshold of concurrent Web and CAD users and price for IOS/Android App | |
| | | | | | | |
| Additional Costs, if any (Provide Descriptions) | | | | | | |
| Mobile advanced mapping and navigation | 1 | \$ 300,000.00 | \$ 300,000.00 | | Enterprise license | |
| | | | | | | |
| Custom Development (if applicable) | | \$ - | \$ - | \$ - | | |
| | | \$ - | \$ - | \$ - | | |
| | | \$ - | \$ - | \$ - | | |
| 3rd Party Components (list each) | | \$ - | \$ - | \$ - | | |
| | | \$ - | \$ - | \$ - | | |
| | | \$ - | \$ - | \$ - | | |
| Total before discount | | \$ - | \$ 816,750.00 | | | |
| | | \$ - | \$ 330,783.75 | \$ - | | |
| | | \$ - | \$ 485,966.25 | | | |
| Total: | | | | | | |
| | | NC | NC | NC | Included with initial licensing | |
| SW Warranty Period (min. 1 year) | | \$ - | \$ 68,607.00 | \$ - | | |
| Maintenance Year 1 | | \$ - | \$ 70,665.21 | \$ - | | |
| Maintenance Year 2 | | \$ - | \$ 72,785.17 | \$ - | | |
| Maintenance Year 3 | | \$ - | \$ 74,968.72 | \$ - | | |
| Maintenance Year 4 | | \$ - | \$ 77,217.78 | \$ - | | |
| Maintenance Year 5 | | \$ - | \$ 364,243.88 | \$ - | | |
| Maintenance Total: | | | | | | |

EXHIBIT G

RFP 6400 Best and Final Offer (BAFO) Pricing Sheet for Public Safety CAD MDS LRMS Systems

Respondent's Business Name Integrated Computer Systems, Inc.

Principal Place of Business (City and State) McKinney, Texas

C. Interfaces

In the table below, provide the costs associated with the proposed interface software. Add rows to list additional interfaces.

| C. Interfaces | | Item – Detail | Units | Unit Cost | Extended Cost | Recurring Costs | Comment | City's Clarification Questions |
|----------------|--|---|----------|--------------|---------------|-----------------|--|---|
| CAD Interfaces | | | | | | | | |
| | | Texas TCIC/NCIC TLETS Omnixx and OpenFox Message* | 1 | \$ 14,875.00 | \$ 14,875.00 | \$ - | There are 2 different UI's that send messages to the State via one gateway, so there are 2 separate line items. | The Texas TCIC/NCIC TLETS Omnixx and OpenFox Message* under CAD and LERMS interfaces seem very similar. Both are related to the interface with Open Fox. Please clarify the two prices and what they are for. This line item is for a single unit price. |
| | | DENCO 9-1-1 District – Vestia@ 9-1-1 version R7.1, Console UI 14.0.406.6071 | 1 | \$ 23,500.00 | \$ 23,500.00 | \$ - | 911 is an integral part to citizen safety. ICS will provide this interface at a reduced rate of \$23,500. | Regarding the TBD notation: Please clarify if there will be a price for this line item. DENCO provided a Vesta 911 phone system to another city within the DENCO region. Therefore, the interface already exists. Will there be a cost? If so, what price will the Denton interface cost? |
| | | NetMotion (MDS connectivity) | N/A | \$ - | \$ - | \$ - | Netmotion used by other agencies successfully outside our application. | |
| | | Spectracom NetClock | N/A | \$ - | \$ - | \$ - | NetClock must update time on the SQL Server | |
| | | Motorola MCC7500 radio console | TBD | \$ - | \$ - | \$ - | We do not have an interface to the MCC7500 console. We have a contract with Collin County and Wylie to interface to the Motorola ASTRO system which will enable CAD to display the map location of any officer's radio (any time they are out of the vehicle, foot pursuit, etc.). If the MCC7500 can communicate using an industry standard TCP/IP network using web-service APIs then ICS will provide an interface for \$32,500. If not, ICS will provide a fixed price quote after reviewing the MCC7500 programmer's interface documentation. | Please refer to Exhibit 3-7 rows 1696 through 1705 for MCC7500 specifications. Please describe the functionality that is provided by the ICS interface to the MCC7500 console system. |
| | | HigherGround data logging/recorder | 1 | \$ 50,000.00 | \$ 50,000.00 | \$ - | Info from the data recorder can be entered into CAD by the operator if interface is not purchased | |
| | | Law Enforcement RMS | included | \$ - | \$ - | \$ - | | |
| | | US Digital Designs fire station alerting | 1 | \$ 28,000.00 | \$ 28,000.00 | \$ - | This line is for the ICS interface and not software sold by USDD. The site license provides the interface for all City of Denton fire stations that may want the USDD Station Alerting software. | |
| | | Firehouse RMS | | | \$ - | \$ - | Line amount removed and ESO interface price on line 115 | Please clarify if this price reflects the interfacing with ESO/Firehouse, since ESO bought out Firehouse. The City of Denton FD has purchased the ESO fire RMS product directly from ESO. Please confirm interface pricing for new ESO product. |
| | | ProQA Paramount EMD | 1 | \$ 18,500.00 | \$ 18,500.00 | \$ - | This line is for the ICS interface and not software sold for ProQA. | The City of Denton Fire Dept. is currently implementing the ESO ePCR system. Please clarify if the Denton FD will need this interface or will the ePCR data come from ESO/Firehouse as opposed to directly from CAD. If the interface is needed, please provide a price. |
| | | ePCR (TBD) | 1 | \$ 14,000.00 | \$ 14,000.00 | \$ - | ICS has an ESO compliant interface that sends call and unit data directly to the ESO web site. | |
| | | AVL | included | \$ - | \$ - | \$ - | | |
| | | Esri ArcGIS mapping | included | \$ - | \$ - | \$ - | | |
| | | Pictometry | included | \$ - | \$ - | \$ - | | |
| | | Tyler Technologies Brazos electronic citation software | 1 | \$ 17,000.00 | \$ 17,000.00 | \$ - | | |
| | | FATPOT data exchange hub | | \$ - | \$ - | \$ - | | Interface removed from RFP |
| | | ASAP to PSAP | 1 | \$ 30,000.00 | \$ 30,000.00 | \$ - | | |
| | | Legacy data warehousing | included | \$ - | \$ - | \$ - | | |
| | | Agency ability to develop interfaces | included | \$ - | \$ - | \$ - | ICS provides WSDL for every application | |
| | | LERMS interfaces | | | \$ - | \$ - | | |
| | | Texas TCIC/NCIC TLETS Omnixx and OpenFox Message* | 25 | \$ 425.00 | \$ 10,625.00 | | Law interface | The Texas TCIC/NCIC TLETS Omnixx and OpenFox Message* under CAD and LERMS interfaces seem very similar. Both are related to the interface with Open Fox. Please clarify the two prices and what they are for. This line item is a price for 25 units. |
| | | Texas Dept. of Public Safety UCR/NIBRS | 1 | \$ 7,225.00 | \$ 7,225.00 | \$ - | | |
| | | CAD | N/R | \$ - | \$ - | \$ - | Event data transferred to RMS (built-in) | |
| | | MDS | N/R | \$ - | \$ - | \$ - | In-vehicle data transfer from MDS to field-based reporting | |
| | | Identix Livescan | 1 | \$ 8,075.00 | \$ 8,075.00 | \$ - | | |
| | | Texas DOT Crash Reporting and Analysis for Safer Highways (CRASH) system | 1 | \$ 25,000.00 | \$ 25,000.00 | \$ - | | |
| | | Texas Department of Public Safety, Texas Data Exchange (TDEX) | included | \$ - | \$ - | \$ - | | |

RFP 6400 Best and Final Offer (BAFO) Pricing Sheet for Public Safety CAD MDS LRMS Systems

| | | Respondent's Business Name | | Integrated Computer Systems, Inc. | |
|---|----|--|---------------|-----------------------------------|---------------------------------------|
| | | Principal Place of Business (City and State) | | McKinney, Texas | |
| AFIX Tracker | 1 | \$ 32,500.00 | \$ 32,500.00 | \$ - | |
| Tyler Technologies Brazos citation software | NA | \$ | \$ - | | |
| Tyler Technologies INCODE municipal court software | 1 | \$ 42,500.00 | \$ 42,500.00 | \$ | Included in price entered on line 119 |
| Vigilant Solution facial recognition software | 1 | \$ 35,500.00 | \$ 35,500.00 | \$ | |
| Legacy data warehouse | NA | \$ - | \$ - | \$ - | |
| Lexis/Nexis CopLogic | 1 | \$ 16,500.00 | \$ 16,500.00 | \$ | |
| HughesGround data logging recorder | NA | \$ | \$ - | \$ | Included in price entered on line 110 |
| ePCR software | | | | | |
| Other Interface(s) (Please describe) | | \$ - | \$ - | \$ - | Duplicate of row 115 |
| | | \$ - | \$ - | \$ - | |
| * The State of Texas DPS TLETS is changing from Omnixx to OpenFox Message | | | | | |
| Total before discount | | | \$ 373,800.00 | | |
| Discount | | \$ - | \$ - | \$ - | |
| Total: | | | \$ 373,800.00 | | |
| Warranty Period (min one year) | | NC | NC | NC | Included with initial licensing |
| Maintenance Year 1 | | \$ - | \$ 41,118.00 | \$ - | |
| Maintenance Year 2 | | \$ - | \$ 42,351.54 | \$ - | |
| Maintenance Year 3 | | \$ - | \$ 43,622.09 | \$ - | |
| Maintenance Year 4 | | \$ - | \$ 44,930.75 | \$ - | |
| Maintenance Year 5 | | \$ - | \$ 46,278.67 | \$ - | |
| Maintenance Total: | | \$ - | \$ 218,301.05 | \$ - | |

RFP 6400 Best and Final Offer (BAFO) Pricing Sheet for Public Safety CAD MDS LRMS Systems

Respondent's Business Name

Integrated Computer Systems, Inc.

Principal Place of Business (City and State)

McKinney, Texas

D. Law Enforcement RMS (LERMS)
In the table below, provide the associated costs of the proposed LERMS solution.
Include a line for each major software component/module. Document interface costs in Interface Section above.

| D. Law Enforcement RMS | | | | | | | City's Clarification Questions | |
|----------------------------------|-----------|---------------|---------------|-----------------|---|--|--|--|
| Item - Detail | Units | Unit Cost | Extended Cost | Recurring Costs | Comment | | Please confirm the modules that are included in the cost of the LERMS as described in Exhibit 3-4. | |
| Bidder Software | Lot Price | | | | Modules to satisfy our response to Exhibit 3-4 is included in this price | | | |
| Seat-license pricing | 0 | \$ - | \$ - | \$ - | Indicate units threshold for each level | | | |
| Enterprise-license pricing | 1 | \$ 716,256.00 | \$ 716,256.00 | \$ - | There are multiple Scorecard templates to choose from, all of which are available for this license package. | | The City desires a scorecard for each discipline, (i.e. Law RMS, CAD, Command staff) is there a separate cost for each discipline? If the dashboard/scorecard feature is included in the pricing, please show on which line the price is included. | |
| Tiered license pricing | | \$ - | \$ - | \$ - | | | | |
| Custom Development | | \$ - | \$ - | \$ - | | | | |
| 3rd Party Components (list each) | | \$ - | \$ - | \$ - | | | | |
| Disaster recovery application | | \$ - | \$ - | \$ - | | | | |
| Discount | | \$ - | \$ 302,939.00 | \$ - | | | | |
| Total: | | \$ - | \$ 413,317.00 | | | | | |
| Warranty Period (min one year) | | NC | NC | NC | Included with initial licensing | | | |
| Maintenance Year 1 | | \$ - | \$ 58,351.00 | \$ - | | | | |
| Maintenance Year 2 | | \$ - | \$ 60,101.53 | \$ - | | | | |
| Maintenance Year 3 | | \$ - | \$ 61,904.58 | \$ - | | | | |
| Maintenance Year 4 | | \$ - | \$ 63,761.71 | \$ - | | | | |
| Maintenance Year 5 | | \$ - | \$ 65,674.56 | \$ - | | | | |
| Maintenance Total: | | \$ - | \$ 309,793.38 | \$ - | | | | |

RFP 6400 Best and Final Offer (BAFO) Pricing Sheet for Public Safety CAD MDS LRMS Systems

Respondent's Business Name

Integrated Computer Systems, Inc.

Principal Place of Business (City and State)

McKinney, Texas

E. Fire Department RMS (FRMS)
In the table below, provide the associated costs of the proposed Fire RMS solution.
Include a line for each major software component/module. Document interface costs in Interface Section above.

| E. Fire RMS | | | | | | |
|----------------------------------|-----------|-----------|---------------|-----------------|------------|--|
| Item – Detail | Units | Unit Cost | Extended Cost | Recurring Costs | Comment | City's Clarification Questions |
| Bidder Software | Lot Price | | | | Not on bid | |
| Seat-license pricing | | \$ - | \$ - | \$ - | | |
| Enterprise-license pricing | 1 | | | | | The City HAS PURCHASED a fire RMS from ESO and no need the Fire RMS enterprise license. Please remove the Emergency Reporting product pricing from the ICS proposal. |
| Tiered license pricing | | \$ - | \$ - | \$ - | | |
| Custom Development | | \$ - | \$ - | \$ - | | |
| 3rd Party Components (list each) | 1 | | | | | |
| Disaster recovery application | | \$ - | \$ - | \$ - | | |
| Discount | | \$ - | \$ - | \$ - | | |
| Total: | | \$ - | \$ - | \$ - | | Please delete fire RMS application |
| Warranty Period (min one year) | | NC | NC | NC | | |
| Maintenance Year 1 | | \$ - | \$ - | \$ - | | ICS will not be responsible for maintenance of ESO fire RMS. Will this result in a reduction of the annual maintenance pricing? |
| Maintenance Year 2 | | \$ - | \$ - | \$ - | | |
| Maintenance Year 3 | | \$ - | \$ - | \$ - | | |
| Maintenance Year 4 | | \$ - | \$ - | \$ - | | |
| Maintenance Year 5 | | \$ - | \$ - | \$ - | | |
| Maintenance Total: | | \$ - | \$ - | \$ - | | |

RFP 6400 Best and Final Offer (BAFO) Pricing Sheet for Public Safety CAD MDS LRMS Systems

Respondent's Business NameIntegrated Computer Systems, Inc.

Principal Place of Business (City and State)McKinney, Texas

F. Data Migration Services
In the table below, provide the associated costs of any proposed data migration services for CAD and LERMS.
Include a line for each major software component/module. Document interface cost in Interface Section below.

| F. Data Migration Services | | | | | | City's Clarification Questions |
|---|----------|--------------|---------------|-----------------|--|---|
| Item – Detail | Units | Unit Cost | Extended Cost | Recurring Costs | Comment | |
| CAD Data Migration | | | | | | |
| CAD Events (event/unit/remarks) | 1 | \$ 42,500.00 | \$ 42,500.00 | \$ - | ICS Data Migration services include the conversion of all (not depending on age) records from the following modules to summary records: • Calls for Service – Including events, units and remarks • Premise alerts • Premise history - All premises that resided at the same address (currently reside and ones that have moved out) • Configuration tables – Configuration tables are typically unique to the software developer. ICS will convert all code tables and COD will assist with cross-referencing their current codes to new codes (where required). • Law Records – Arrest and Incident • Evidence and Property – Convert all records to the ICS Property and Evidence system • Master files – Convert all master names, vehicles and locations | Please clarify the amount of data to be converted to the new systems (CAD and LERMS). How many years of data or amount of data will be included in ICS's cost for data migration? Please provide a tiered pricing for data migration. |
| Premises Alerts | Included | \$ - | \$ - | \$ - | | |
| Premises History | Included | \$ - | \$ - | \$ - | | |
| Configuration tables data | Included | \$ - | \$ - | \$ - | | |
| Other costs (describe) | | \$ - | \$ - | \$ - | | |
| LERMS Data Migration | | | | | | |
| Law Records | Included | \$ - | \$ - | \$ - | | |
| Evidence and Property Management | Included | \$ - | \$ - | \$ - | | |
| Master File - Persons/Vehicles/Location | Included | \$ - | \$ - | \$ - | | |
| Other costs (describe) | | | | | FRMS Data Migration - NFIRS/Hydrants/Maintenance/Apparatus/Personnel | Delete Cost: ICS no longer would be responsible for FRMS data migration |
| Data Migration Total: | | \$ 42,500.00 | \$ 42,500.00 | \$ - | | |

RFP 6400 Best and Final Offer (BAFO) Pricing Sheet for Public Safety CAD MDS LRMS Systems

Respondent's Business Name

Integrated Computer Systems, Inc.

Principal Place of Business (City and State)

McKinney, Texas

G. Implementation/Project Management Costs
In the table below, provide the associated integration/implementation/customization costs of the proposed system solution. Costs should include all implementation costs.
The implementation task should correspond to the project tasks provided in Project Management plan.

| G. Implementation/Project Management Costs | | | | | City's Clarification Questions |
|--|-------|-----------|---------------|-----------------|---|
| Implementation Task – Detail | Units | Unit cost | Extended Cost | Recurring Costs | |
| Kick-Off/Project Initiation | 4 | \$ 225.00 | \$ 900.00 | \$ - | Attached is an Excel sheet "Timeline" with a Gantt chart. ICS uses the project management tool www.monday.com which is a web-based, multi-user collaboration site for project management. The website has a better display of the Gantt chart, but you get the idea from the Excel version. Also enclosed is the Project Overview document that contains the implementation plan detail not on the Gantt. Both documents will be used for the project kick-off and will be maintained by both parties so information and timelines stay accurate. |
| Insert Task Descriptions: | | \$ - | \$ - | \$ - | |
| Team Creation and Plan Management | 26 | \$ 225.00 | \$ 5,850.00 | \$ - | |
| Hardware readiness and software installation | 20 | \$ 225.00 | \$ 4,500.00 | \$ - | |
| System admin training | 20 | \$ 225.00 | \$ 4,500.00 | \$ - | |
| Functional testing | 20 | \$ 225.00 | \$ 4,500.00 | \$ - | |
| Interface testing | 20 | \$ 225.00 | \$ 4,500.00 | \$ - | |
| Integration testing | 20 | \$ 225.00 | \$ 4,500.00 | \$ - | |
| Documentation delivery | 6 | \$ 225.00 | \$ 1,350.00 | \$ - | |
| Training | 10 | \$ 780.00 | \$ 7,800.00 | \$ - | |
| Acceptance Testing | 40 | \$ 225.00 | \$ 9,000.00 | \$ - | |
| Final Cut-Over/Go-Live | 8 | \$ 225.00 | \$ 1,800.00 | \$ - | |
| Implementation Total: | | \$ - | \$ 49,200.00 | \$ - | |

H. Other Costs
Cost not reflected in the above categories

| H. Other Costs | | | | | City's Clarification Questions |
|----------------------------------|-------|--------------|---------------|-----------------|--------------------------------|
| Item - Detail | Units | Unit cost | Extended Cost | Recurring Costs | |
| Performance Bond (if applicable) | | \$ - | \$ - | \$ - | |
| Software Escrow | 1 | \$ 7,650.00 | \$ 7,650.00 | \$ 2,750.00 | |
| Freight/Handling & Shipping | | \$ - | \$ - | \$ - | local |
| Customized reports | | | | | |
| CopLogic Citizen Portal | 1 | \$ 16,500.00 | \$ 16,500.00 | \$ 1,600.00 | |
| | | \$ - | \$ - | \$ - | |
| | | \$ - | \$ - | \$ - | |
| | | \$ - | \$ - | \$ - | |
| | | \$ - | \$ - | \$ - | |
| Other costs (describe) | | \$ - | \$ - | \$ - | |
| Other Costs Total: | | \$ - | \$ 24,150.00 | \$ 4,350.00 | |

RFP 6-400 Best and Final Offer (BAFO) Pricing Sheet for Public Safety CAD MDS LRMS Systems

Respondent's Business Name

Integrated Computer Systems, Inc.

Principal Place of Business (City and State)

McKinney, Texas

I. Optional - Hardware

Bidders are to provide specific descriptions of all hardware and software to implement the proposed solution.

| I. Optional Hardware | | | | | |
|-------------------------------------|-------|-----------|---------------|-----------------|--|
| Item - Detail | Units | Unit cost | Extended Cost | Recurring Costs | Comment |
| Servers | 6 | \$ - | \$ - | \$ - | SQL server, IIS internal, IIS external, App servers |
| Server Racks | 1 | \$ - | \$ - | \$ - | |
| Operating Systems/Database Licenses | | \$ - | \$ - | \$ - | Server 2008R2, SQL 2016 |
| | | \$ - | \$ - | \$ - | |
| Third party software | | \$ - | \$ - | \$ - | |
| | | \$ - | \$ - | \$ - | |
| Other costs (describe) | | \$ - | \$ - | \$ - | |
| | | \$ - | \$ - | \$ - | |
| Hardware Total: | | \$ - | \$ - | \$ - | ICS will work with the City of Denton to determine hardware. Server, workstation and MDC recommendations are detailed in the Network Config and Redundancy section |

J. Training Costs

In the table below, provide the associated training costs of the proposed system solution. List each class separately. Insert/add rows if needed.

| J. Training Costs | | | | | |
|---|-----------|-------------|---------------|-----------------|---|
| Item - Detail | Units | Unit Cost | Extended Cost | Recurring Costs | Comment |
| CAD User Training | 3 | \$ 780.00 | \$ 2,340.00 | \$ - | Since ICS is local, there are no travel expenses related to training, project management, or site visits. |
| | | | | | |
| Train the trainer CAD Training (Mobile) | 3 | \$ 780.00 | \$ 2,340.00 | \$ - | |
| Supervisor Training with PSAP | 4 | \$ 1,560.00 | \$ 6,240.00 | \$ - | |
| System Administration Training | 2 | \$ 1,560.00 | \$ 3,120.00 | \$ - | |
| On-line Training | unlimited | \$ - | \$ - | \$ - | |
| Refresher Training CAD | 3 | \$ 780.00 | \$ 2,340.00 | \$ - | |
| Other (Describe) | | \$ - | \$ - | \$ - | |
| Train the trainer Web-based CAD | 2 | \$ 780.00 | \$ 1,560.00 | | |
| Train the trainer MDS | 2 | \$ 780.00 | \$ 1,560.00 | | |
| Train the trainer LRMS | 2 | \$ 780.00 | \$ 1,560.00 | | |
| Train the trainer FRMS | | \$ - | \$ - | | |
| Train the trainer FRMS inspections | | | | | |
| Department manager training | 5 | \$ 780.00 | \$ 3,900.00 | | |
| GIS tech training | 1 | \$ 1,560.00 | \$ 1,560.00 | | |
| IT technical training | 1 | \$ 780.00 | \$ 780.00 | | |
| Report Writing | 2 | \$ 780.00 | \$ 1,560.00 | | |
| Training Total: | | \$ - | \$ 28,860.00 | \$ - | |

Project Overview

The ICS implementation methodology is based on more than forty years (since 1974) of hands-on experience. ICS has implemented over 400 systems throughout the United States. ICS started gathering experience by developing custom solutions for various industries—public safety being the primary focus. Today, ICS only provides public safety solutions. The ICS track record speaks for itself. We have an unblemished business record and have never had any form of legal or arbitration incidents. This is due to a corporate philosophy to follow through on each and every commitment. We have also never changed our company name, reorganized or moved out of our home state to hide from clients or debtors.

ICS understands that the key to a successful implementation requires quality and timely communication, organization and cooperation. Our implementation process insures client participation, functional specification adherence, accurate selection and installation of hardware, system interface integration, master code table and geographic data loaded accurately and timely, comprehensive training performed for all levels of users, and a non-stressful final go-live date.

ICS's Project management and Implementation consist of the following tasks:

- Selection of ICS Project Management and Support Staff
- Selection of Agency Project Management and Support Staff
- Selection of Agency Application Manager(s)
- Develop Project Timelines with Resources & Completion Dates
- Review Project Tracking and Reporting Methods
- Implementation Workshop
- Evaluate and Prepare Current Facility
- Order Hardware and Non-ICS Software
- Install Hardware, Software and Databases
- Setup Remote Support Capability
- Train Agency Application Specialists
- Code Table and GEO file Loading/Verification/Modification
- Perform Application Test Scenarios
- Train Users (at all levels)
- System Review
- Go-Live
- Management/Software Utilization Review

Selection of ICS Project Management and Support Staff

ICS employs a professional, experienced staff (with some employees having over 20 years of practical public safety experience). They are well versed in all tasks and functions required to transition your agency from its current state to being fully automated. This team will be responsible for timely and accurate implementation of the selected modules. The project manager will be the primary contact for all phases of implementation. The ICS project manager has the authority to draw from any resource (training, software development, conversion and support) within the company to insure a successful implementation is achieved. This manager will work closely with your agency's project manager to foster a close, long-lasting business partnership.

Denton RFP #6400**Project Overview****Selection of Agency Project Management and Support Staff**

The Agency Project Manager will be the focal point for communications and decisions between ICS and your agency. The Agency Project Manager will interface with the ICS Project Manager and be responsible to the agency management for project reporting. This individual should have the ability to approve all contractual documents between ICS and your agency. ICS will review the all of the details from the Statement of Work and make sure the agency assigned Project Manager is comfortable with the task descriptions and responsibilities.

Selection of Agency Application Managers

The ICS team will assist the Agency Project Manager and upper level management in the selection of the best personnel for the specific tasks. This personnel group will be responsible for verifying and modifying key parameters and codes within their departments/areas of expertise. Typically, these are your department managers who have knowledge of current processes and information flow. They may be granted the ability to approve work flow changes and verification techniques.

The success of this implementation will depend on the team members' involvement and commitment. Department managers are required to communicate directly to the ICS Project manager and cc the Agency Project Manager. This greatly improves the quality of communications (without an intermediary) and requires department managers to be directly involved with the decisions that impact this project's success.

Develop Project Timelines with Resources & Completion Dates

Software listed in the Software License Addendum lists the agency's public safety dispatch, mobile and records software solution. ICS will be responsible for delivering and installing the items specified in this SOW so that they operate according to the manufacturer's specifications. Upon completion of this project, all ICS responsibilities will be considered complete, and the Agency will operate according to the appropriate ICS software support agreements. After reviewing the Statement of Work and the Project Implementation Plan, the Agency Project Manager and ICS will assign resources and target completion dates.

Review Project Tracking and Reporting Methods

Assist the Agency Project Manager in determining which techniques to deploy for the tracking and evaluation of project progress. In our experience, the most effective methods of project management have also been the simplest. ICS recommends the Agency Project Manager utilize the attached plan to manage the project. This plan includes the essential ingredients for a successful implementation:

- All Tasks - Outlined in sequence
- Resource Requirements- Primary and supporting personnel are noted. Supporting personnel should be listed when required -- individuals such as department managers, key users, individuals with expertise in a particular area.
- Estimated Days to Complete and Target Completion Date – Targets are the most difficult dates to estimate due to the team having to perform dual roles (this project, plus their normal assignments).
- Actual Completion Date – Allows the agency to spot patterns, so the entire project plan can be adjusted to improve accuracy
- Dependency Tasks – Tasks that cannot be started until all prerequisite tasks are complete

Also, during this session ICS will review the ICS Project Change Request and Project Delay Notice Forms. These forms are utilized to communicate events that will cause an alteration to the project scope and/or delivery time.

Denton RFP #6400**Project Overview****Implementation Workshop**

This workshop is the kickoff meeting whereby ICS will demonstrate the entire system and solicit input from your agency. This is the ideal time to draw a parallel between current and future processes.

Specifically...

- **What We Are Going to Implement?**

ICS will step through the entire suite of software highlighting key workflow processes and procedures for each department.

Department managers will take this opportunity to contrast current policies and procedures. If policy and/or procedure changes are required a document should be produced for upper-level management approval.

- **When We Are Going to Implement?**

Present the implementation plan, key tasks and the steps required to achieve these goals.

At the end of this workshop, Estimated Days to Complete and Target Completion Dates, should be reviewed and adjustments reflected.

All members of the implementation and management teams (ICS and agency) should be present for this workshop. This includes all department managers and key personnel that will be contributing to the success of the project.

Evaluate and Prepare Current Facility

At the beginning of this project, ICS will supply your Agency with a "Network Resource Specifications" form for all critical equipment. This session will joint review the "Network Resource Specifications" forms and make recommendations based on your current equipment and facility:

- Reliability (redundancy, age of equipment, etc.)
- Performance (must accommodate current and future call volumes)
- Compatibility (meets current technology and FBI end-of-life requirements)

Order Hardware and Non-ICS Software

This task is where equipment and non-ICS software are ordered. ICS does not require the equipment to be drop shipped to the ICS facility. ICS has exerciser utilities that will simulate your workload and record performance metrics. These metrics will be reviewed with your Project Manager as soon as they are available. The ICS software is extremely resource friendly and, therefore, requires much less expensive than most of our competitors. Some of our competitors even require two workstations for each dispatch console (one for call entry and one for mapping). Our solution is tightly integrated with data sharing and does not require this extra expense or complex operator intervention.

Install Hardware, Software and Databases

The hardware and non-ICS software should be installed as soon as possible. After this task is complete, the ICS technical team will install the ICS software and the relational databases. This team will also perform some network tests and record performance metrics. This information will be presented to your Agency Project Manager when available.

Denton RFP #6400**Project Overview**

Setup Remote Support Capability

ICS looks at every client as a long-term business partner. We realize that time is critical in public safety environments, and we need to be pro-active in the anticipation of assistance being required. We take much pride in our sensitive and technically competent support staff. They are able to diagnose and resolve issues in minutes rather than days. We realize that in order to provide 24 X 7 support we need to have high-speed, constantly enabled remote connectivity. When users need assistance, they need it immediately. All ICS support technicians and analyst have remote access capabilities from anywhere in the world. We can never forecast what resources are required, so we remote-enable any personnel that may be needed.

Train Agency Application Manager

ICS will provide training to the Agency's Application Manager(s). This training will cover such topics as code table maintenance, procedure flow and verification techniques. After this training is completed, these students will be responsible for code table and GEO file maintenance, verification and modification.

Perform Application Test Scenarios

After the code tables are verified, the application specialists will enter test scenarios and verify accuracy. This is also a good time to evaluate/modify procedures and policies.

Train Users (at all levels)

After achieving satisfactory test results, all users will be scheduled for training, and the go-live date will be re-evaluated.

System Review

After all of the above steps/tasks have been completed, the Go-Live date/time will be approved.

Go-Live

ICS's implementation strategy has one major goal in mind...make this day a "non-event". Applications and modules will be implemented in a pre-defined order to insure the most critical areas receive the full attention of everyone involved. The ICS staff will be on site for an extended period of time to make sure each shift gets their questions answered promptly and completely.

Management Review

Just because you are running live on the new system does not mean our job is over. ICS is committed to making sure you are aware that we are committed to your long-term success. There is only so much time to provide training, and students have limits of absorption. This is why we provide frequent follow ups and reviews. These reviews will evaluate what functions you are taking advantage of and which ones you should be planning to implement.

We make a commitment to your agency to provide significant efficiency gains, and we will not stop helping you utilize these key features and functions until they are fully implemented.

ICS will perform a Software Utilization Review every few months at first, then taper down to once a year or until your agency is functioning at full efficiency. The "Software Utilization Review" will be divided into two meetings:

- 1) ICS will visit with each department manager and discuss current procedures, potential changes and training needs. The results of these meetings will be documented.
- 2) ICS will present the findings and recommendations from step one to upper level management (chief and/or deputy chiefs). After this meeting, ICS will prepare a document that lists your desired

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policy/procedure changes and a training schedule (if training is recommended). Training is provided at our facility at no additional charge.

Factors that Influence Implementation Timelines

The implementation timeframe will depend on a great deal of factors within each phase. Historically, ICS has found that the factors that have the *most* influence on the breadth of the time line are:

- The number and complexity of interfaces required
- The number of people to be trained
- The commitment of management to the project

Naturally, there are other largely looming factors such as hardware capabilities, network capabilities plus the availability of resources to administratively set up and configure the software. If these factors (as well as the ones outlined above) are well defined up front, the project can be managed more effectively, and the actual timeline will deviate minimally from the planned timeline.

The key data items are: task descriptions, resource names, estimated days to complete, target completion dates, actual completion dates, and task dependencies. Subproject

Sample Project Implementation Plan

| Task | Task Description | Prime and Support Resources | Estimated Days to Complete | Target Completion Date | Actual Completion Date | Depend Task |
|------|---|-----------------------------|----------------------------|------------------------|------------------------|-------------|
| 1 | Preliminary Project Management Tasks | | | | | |
| 1.A. | <i>Select Agency Project Manager (APM)</i> The Agency Project Manager will be the focal point for communications and decision making between ICS and the Agency. The Agency Project Manager will interface with the ICS Project Manager and will be responsible to the Agency management for project reporting. <i>This individual will be responsible for approving all contractual documents between ICS and the Agency.</i> | APM | 1 | | | |
| 1.B. | <i>Assign Agency System Manager (ASM)</i> This individual should possess a thorough knowledge of the Agency's network infrastructure. A fundamental knowledge of the processes and operations of each department is a prerequisite. This position should continue past the duration of this project. | ASM | 1 | | | |
| 1.C. | <i>Assign ICS Implementation Mgr (ICS)</i> | ICS | 1 | | | |

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| Task | Task Description | Prime and Support Resources | Estimated Days to Complete | Target Completion Date | Actual Completion Date | Depend Task |
|------|---|-----------------------------|----------------------------|------------------------|------------------------|-------------|
| | To assist the APM and ASM in achieving timely goals, a member of the ICS management team will be selected. | | | | | |
| 1.D. | Assign Addressing Liaison (AL) Communicates with E911 Provider, Planning, GIS and CAD/GEO to coordinate consistent and accurate addressing | APM | 1 | | | |
| 1.E. | <p>Assign Department /Agency Application Managers</p> <p>The success of this implementation will depend on the team member's involvement, commitment, and the enthusiasm of their staff. Department managers are required to communicate directly to the ICS Implementation Manager and cc the APM. This greatly improves the quality of communications (without an intermediary) and requires department managers to be directly involved with the decisions that impact this project's success.</p> <p>Please complete the "Project Team Members" list (attached). This will include all key team members, their assignments, phone numbers, and e-mail addresses.</p> <p>Contact information for the APM, ASM, Address Liaison, IT Mgr, Law Dispatch, Fire Dispatch, EMS Dispatch, Law Records, Fire Records, EMS Records, Patrol, CID, Jail, Property Room and Emergency Ops. Center should be listed.</p> | APM | 1 | | | |
| 1.F. | <p>Review the Statement of Work (SOW) with APM</p> <p>Software listed in the Software License Addendum lists the agency's public safety dispatch, mobile and records software solution. ICS will be responsible for delivering and installing the items specified in this SOW so that they operate according to the manufacturer's specifications. Upon completion of this project all ICS responsibilities will be considered complete and the Agency will operate according to the appropriate ICS software support agreements.</p> | ICS, APM | 1 | | | |
| 1.G. | <p>Develop Project Timelines with Resources & Completion Dates</p> <p>After reviewing the SOW and the Project Implementation Plan, the APM, ASM and ICS will assign resources and target completion dates.</p> | APM, ASM, ICS | 1 | | | |

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| Task | Task Description | Prime and Support Resources | Estimated Days to Complete | Target Completion Date | Actual Completion Date | Depend Task |
|------|---|--------------------------------------|----------------------------|------------------------|------------------------|-------------|
| 1.H. | <i>Project Tracking and Reporting Method</i> Assist APM in techniques to track & evaluate project progress. In our experience, the most effective methods of project management have also been the simplest. ICS recommends the APM utilize this plan to manage the project. This plan includes the essential ingredients for a successful implementation: 1) All Tasks - Outlined in sequence 2) Resource Requirements- Primary and supporting personnel are noted. Supporting personnel should be listed when required -- individuals such as department managers, key users, individuals with expertise in a particular area. 3) Estimated Days to Complete and Target Completion Date – Targets are the most difficult dates to estimate due to the team having to perform dual roles (this project plus their normal assignments). 4) Actual Comp Date – Allows you to spot patterns, so the entire project plan can be adjusted to improve accuracy. 5) Dependency Tasks – Tasks that cannot be started until all prerequisite tasks are complete. This will be displayed on a Gantt chart | ICS, APM | 1 | | | |
| 1.I. | <i>Review ICS Project Change Request and Project Delay Notice Forms</i> These forms are utilized to communicate events that will cause an alteration to the project scope and/or delivery time. | ICS, APM, ASM | 1 | | | |
| 2. | <i>Orient the Project Team</i> Present the project objectives and approach to the project team. This is a time to acquaint the entire project team as to the goals and the steps required to achieve or measure these goals. All members of the team should be present for this orientation. This includes all department managers and key personnel that will be contributing to the success of the project. The Project Change Request and Project Delay Notice forms will be presented along with their intent. | APM, ASM, ICS, and Agency App. Mgrs. | 1/2 day | | | |
| 3. | <i>Review and Prepare Current Site</i> | ASM, ICS | | | | |

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| Task | Task Description | Prime and Support Resources | Estimated Days to Complete | Target Completion Date | Actual Completion Date | Depend Task |
|------|--|---|----------------------------|------------------------|------------------------|-------------|
| 3.A. | Network Resource Specifications Complete the "Network Resources Specifications" form (attachment) for all critical equipment | ASM | 1 day | | | |
| 3.B. | Review Network Resource Specs. Review the "Network Resources Specifications" forms and make recommendations/suggestions: - Reliability (redundancy, age of equipment, etc.) - Performance (must accommodate current and future call volumes) - Compatibility (meets current technology requirements) | ICS, ASM | 1 day | | | 3.A. |
| 3.C. | Implement Resource Recommendations | ASM | | | | |
| 3.D. | Order Hardware & Software (if required) - ICS Orders Hardware (optional) - ICS Orders S/W: TLETS comm. (requires IP address of application server) - ASM Orders Required Hardware: SQL Server, workstations, IIS server, etc. - ASM Orders S/W: | ICS ASM | 1 day | | | |
| 3.E. | Install Hardware (if required) SQL server, application servers and workstations | ASM ICS | 2 days | | | |
| 3.F. | Setup Remote Support for ICS - Add an ICSSUPPORT user with admin rights to public safety segment of network - Forward Cisco VPN software and login for remote ICS Support | ASM | 1 day | | | |
| 3.G. | Install Software and Databases - Create three OUs (CAD, Police, Fire) for automated install - Install all software listed under "ICS Software License Addendum" - Install all ASM ordered software (see Task 3.D.) - Move agency patch to reports folder. - Provide mobile software install on USB key | ASM ICS ASM ICS ICS | 1 day | | | 1.-3.G. |
| 4. | Verify MSAG Street Names = Planning Names = GIS Names ICS's map centric public safety software requires your E911 provider's Master Street Address Guide (MSAG) data match your GIS map data. Steps to Ensure Your Master Street Address Guide (MSAG) and GIS Maps Match: | | 10 | | | |

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| Task | Task Description | Prime and Support Resources | Estimated Days to Complete | Target Completion Date | Actual Completion Date | Depend Task |
|------|---|--|----------------------------|------------------------|------------------------|-------------|
| | <p>1) <i>E911 Provider (Initial)</i> – Contact your E911 vendor and get a copy of their MSAG list (in csv or xls format).</p> <p>2) <i>Planning</i> – Contact your planning department and get a copy of all street names and house number ranges. These should be the actual names printed on street signs. All should be USPS compliant.</p> <p>3) <i>In-house Compare and Modify</i> – Compare the Planning naming convention to the MSAG list. Where differences appear either change Planning's names or contact the 911 provider and request changes.</p> <p>4) <i>911 Provider (Verification)</i> – After the 911 provider has completed the requested changes, get a revised copy of the MSAG list. Verify that all requests have been accurately applied.</p> <p>5) <i>GIS</i> – Contact your GIS department and get a copy of their updated map database (includes Highland Village, Flower Mound and Lewisville).</p> <p>6) <i>ICS Verification</i> – Forward a copy of the MSAG and GIS data to ICS. ICS will utilize a compare tool to electronically verify the street naming conventions are identical.</p> <p>This tool will verify that the following street data items are identical and report mismatches:</p> <p>House no range-left (101-199) House no range-right (100-198) Pre-directional (N) Name (MAIN) Type (ST) Post-directional (W) City name-left (DALLAS) City name-right (DALLAS) County name-left (DALLAS) County name-right (DALLAS) State-left (TX) State-right (TX) Zip Code-left (74094) Zip Code-right (74095)</p> <p>7) <i>GIS</i> – When GIS has completed the modifications outlined in the above report, an updated map shape file will be produced.</p> | <p>AL</p> <p>AL</p> <p>AL</p> <p>AL</p> <p>AL</p> <p>ICS</p> | | | | |

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| Task | Task Description | Prime and Support Resources | Estimated Days to Complete | Target Completion Date | Actual Completion Date | Depend Task |
|------|---|---|----------------------------|------------------------|------------------------|-------------|
| | <p>8) <i>ICS Re-Verification</i> – When a minimum accuracy of 99% is achieved ICS will train your CAD/GEO personnel how to enter new street names and modify erroneous ones (with the ICS GEO Wizard).</p> <p><i>When all tables are accurate you can be assured that officers will be able to respond to citizen's needs in the most timely fashion. Anything short of 99% accuracy is not acceptable in a public safety environment.</i></p> | | | | | |
| 5. | <p>Conduct Agency-Wide Product Flow Presentation</p> <p>ICS will step through the entire suite of software and highlight benefits and key workflow processes prior to the training sessions.</p> <p>Department managers will take this opportunity to contrast current policies and procedures. A policy and/or procedure change request document will be produced for management approval in the event an SOP will change due to features of the new software.</p> <p>Because of these refinements, the department will be able to take full advantage of the new system's capabilities and incorporate those refinements in the training sessions.</p> | ICS, ASM, All Dept Mgrs | 1 day | | | 3.G |
| 6. | <p>Conduct Dispatch Implementation Review</p> <ul style="list-style-type: none"> - Select SMTP Gateway Provider (Exchange, G-Mail, etc.) - used for all paging/running orders messages - TLETS Preparation (complete DPS security check list) - Submit TLETS request letter to DPS - Get a copy of the TLETS Terminal Connection Report (after TLETS passes security check list) - E911 Preparation – Provide serial cable from 911 machine to app. server - Data stream format from 911 provider - Workstation Site Prep (flat panel mounts, etc.) | <p>ASM</p> <p>ASM</p> <p>ASM ASM</p> <p>ASM ASM</p> | 4 days | | | |
| 7. | <p>Training for the ASM (System Manager)</p> <ul style="list-style-type: none"> – One class with up to six students. - System Management (course no. 1001) | ICS, ASM | 1 day 4-8 hrs | | | 3.G. |

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| Task | Task Description | Prime and Support Resources | Estimated Days to Complete | Target Completion Date | Actual Completion Date | Depend Task |
|-------|--|-----------------------------|------------------------------|------------------------|------------------------|-------------|
| | <ul style="list-style-type: none"> - Manage your network - Software installation, setup user, backup a SQL database, change time, restart server - Troubleshoot application servers/gateway computers. - Maintain and troubleshoot ICS application software - Train on the operation of the following interfaces: <ul style="list-style-type: none"> • Brazos citation • Firehouse • Alarm permit & false alarm • E911 • NCIC • Paging • ESO/Emergidata • ProQA Medical • Mentalix - Remote fire station printing | | | | | |
| 8. | Master File Maintenance Training <ul style="list-style-type: none"> - Each dept will assign an individual(s) to review and maintain master files/code tables - Provide training on the ICS Management Console (course 501) - Provide direction as to the meaning and purpose of each code table | Dept Mgrs, ICS, AL | 2 days | | | None |
| 9. | Review/Modify Master Files <ul style="list-style-type: none"> - Review and modify Dispatch master files - Review and modify Law Records master files - Review and modify Case Management master files - Review and modify Property Room master files - Review and modify EOC/ICS master files | Dept Assigned persnel | 7 days | | | 4.G. 7. |
| 10. | Dispatch/CAD GEO Implementation Services <ul style="list-style-type: none"> - Build Street table from corrected E911 MSAG file - Train Dispatch personnel on GEO setup (course 100 - GEO Master File Review & Entry) - Enter and verify GEO data (agencies, grids, districts, etc.) | ICS, GEO | 1 | | | 4 |
| 11. | Classroom Training | | | | | |
| 11.A. | Dispatch/CAD Training (x classes) <ul style="list-style-type: none"> - Imperative that a representative from each agency attend - Train on Dispatch administration (course 102) - Test response plans - Test address scenarios - Train on Dispatch operation (course 103) | ICS ASM | 1 day 3 days 1 day | | | 9. |

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| Task | Task Description | Prime and Support Resources | Estimated Days to Complete | Target Completion Date | Actual Completion Date | Depend Task |
|-------|--|-----------------------------|----------------------------|------------------------|------------------------|-------------|
| 11.B. | Mobile Training (x classes for up to 20 students each) - Train on Mobile Data Client (MDC) operation - (course 401) | ICS | 1/2 day class | | | 9. |
| 11.C. | Law Records Training (x classes for up to 20 students each) - Law records (see courses: 202 - 204) | ICS | 1 day class | | | 9. |
| 11.D. | Jail Management Training (x classes for up to 10 students each) - Jail Managemnt Training (see courses: 202 - 204) | ICS | 1/2 day class | | | 9. |
| 11.E. | Case Management Training (x classes for up to 20 students each) - Training (course 202 - 203 expanded) | ICS | 1 day per class | | | 9. |
| 11.F. | Property Room Training (one class for 6 students) - Training (course 203 expanded) | ICS | 1/2 day | | | 9. |
| 11.G. | Personnel Management Training (one class for 6 students each) - Training (course 701) | ICS | 1/2 day | | | 9. |
| 12. | System Review - Review system operation with sample transactions after all master files have been built and verified by ASM | APM, ASM, ICS | 1 day | | | 10. |
| 13. | System Go-Live Priority One - Dispatch - E911 Interface - Paging Priority Two - Mobile Data Client Priority Three - TLETS – Omnixx will be used until the CAD to TLETS link is established Priority Four - Law Records After Go-Live - Firehouse Export (customer orders the Firehouse CAD monitor) Brazos Citation interface | APM, ASM | | | | 11. |
| 14. | Data Conversion - Import master records (name, vehicle, property, property room) - Import summary transaction records | ICS | | | | 12. |
| 15. | Management Review - Review procedures and recommend methods and/or procedure changes | ICS | 1/2 day | | | |

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| Task | Task Description | Prime and Support Resources | Estimated Days to Complete | Target Completion Date | Actual Completion Date | Depend Task |
|------|---|-----------------------------|----------------------------|------------------------|------------------------|-------------|
| | - Provide additional training on daily, weekly, monthly and yearly management-by-exception reports/queries. | | | | | |
| 16. | Additional Training - Scorecard - Intelli-Query - As needed/requested ICS provides on-going training at no charge. The class schedule is determined by client demand. Please email care@icsnews.com with your requests (class, number of students and desired date). | ICS | | | | |

Denton RFP #6400**Project Overview****Sample Risk Register**

Project concerns that may impact the schedule, or may be an action item after project completion, will be logged here. Status defined as Open or Closed.

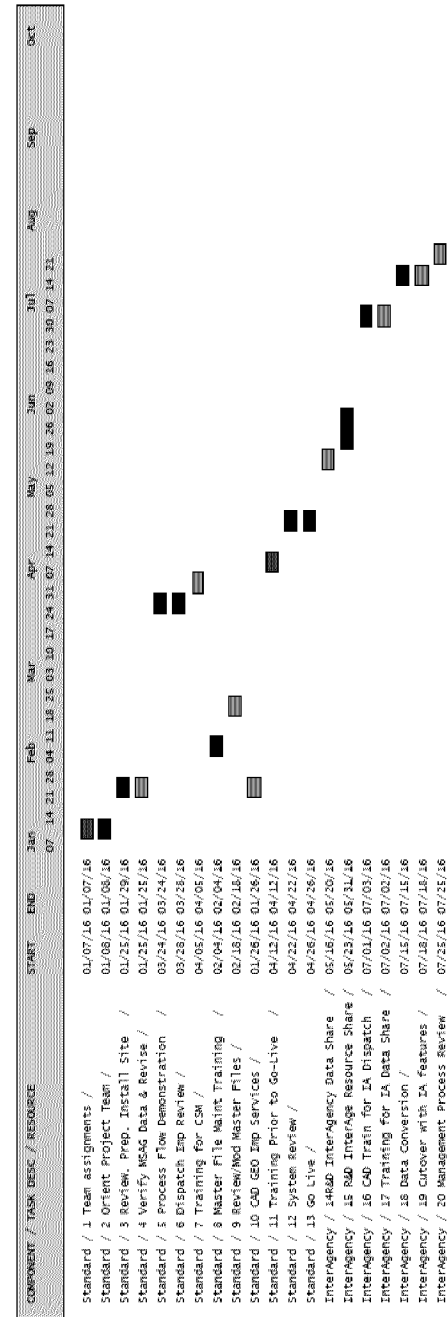
| Risk # | Summary | Owner | Reason/Cause | Effect on Project | Target Date | Status |
|--------|---|-------|---|--------------------|-------------|--------|
| 1 | Software not installed | CPM | Platform, ie, servers, network, IP addresses haven't been made available to ICS | Training delay | 1/26 | O |
| 2 | Maps not available in ICS software. Need to compare MSAG to GIS | CPM | MSAG to GIS compare to happen as time permits. The group agreed the maps may not be ready for cut-over | Maps not available | Open | O |
| 3 | New CAD Hardware install | CPM | CAD furniture and workstations will be installed regardless of this project timeline. ICS CAD licenses will be installed on existing hardware. Existing workstation sw/hw has not been reviewed | None | Open | O |
| 4 | Subnet changes | CPM | Get the application servers and CAD on the same subnet | High | 2/10 | O |
| 5 | Paramount ProQA | CPM | Software to be purchased and installed before go-live. Use same subnet as ICS App servers | None | 3/01 | O |
| 6 | | | | | | |

Sample Action Item Register

Important project notes, benchmarks, or milestones requiring a resolution are logged here.

| # | Date Identified | Date Resolved | Item Description | Owner | Planned/Unplan |
|----|-----------------|---------------|--|---------------|----------------|
| 1 | | | Contract signed | ALL | P |
| 2 | | | Review of SOW and Imp plan | ICS, CPM, CSM | P |
| 3 | | | Need to resolve MSAG to GIS differences | CPM, ICS | U |
| 4 | | | SQL and server setup | CPM | P |
| 5 | | | Kick-off meeting scheduled | ALL | P |
| 6 | | | Task 7 training scheduled | CPM, CSM | P |
| 7 | | | Status meetings will occur weekly on Thursdays at 1PM from now until go-live. | ICS, CPM | P |
| 8 | | | Create shape files for each AOR with its own color if users want to see color separation | CSM | U |
| 9 | | | Obtain new mnemonics for TLETS | CSM | P |
| 10 | | | Install ProQA Paramount if required before go-live | CSM | P |
| 11 | | | Enter transport locations for police | CPM | P |
| 12 | | | Review Call Types with response package | CPM | P |
| 13 | | | Install MDC software for 32 fire and 70 police | ICS, CSM | P |
| 14 | | | Install Label printers for property | ICS, CSM | P |
| 15 | | | Format property tags | ICS, CPM | P |
| 16 | | | Setup narrative templates, including daily activity report | ICS | P |
| | | | | | |

Sample Gantt Chart



Equipment and Network Infrastructure

The following documents provide ICS with basic information about your network and computer resources. This is very important as we embark on the journey of providing near real-time access to information. This will allow our company and your IT team to expose and resolve the most common network problems, such as: poor performance, reliability, single-point-of-failures, data backup, server redundancy, system isolation, power outages, equipment outages, etc.

(please attach a network diagram)

| | | | | |
|----------------------|---|--|--------------------------------|--|
| UPS | Physical location | | | |
| | MFR/Model number | | CapaAgency (KVA) | |
| | Last test date | | Backup/runtime | |
| | Battery replace date | | In-line (Y/N) | |
| | Source of ground | | Generator switch over time | |
| Generator | Physical location | | CapaAgency (KVA) | |
| | Supplies power to UPS | | Last test/ frequency | |
| | Transfer process (manual or automatic) | | Fuel source | |
| | | | | |
| A/C | BTU CapaAgency | | Current BTU's | |
| | Shared or dedicated unit | | | |
| | Backup A/C unit loc & BTU capaAgency | | Switch over to backup A/C temp | |
| | | | On generator power | |
| | | | | |
| Router/Switch | Physical location | | Number ports | |
| | MFR/Model number | | Port speed | |
| | VLANS | | On UPS/gen. power | |
| | Port usage (port: application description, i.e. phone, video, etc.) | | Outage/isolation plan | |

Denton RFP #6400**Project Overview**

| | | | | |
|-----------------------|--|--|-----------------------|--|
| | Tool used to measure usage by port, % utilization & error counts | | Last isolation test | |
| Firewall | Physical location | | Max users | |
| | MFR/Model number | | VPN support | |
| | Connectivity speed | | On UPS/gen. power | |
| Internet | Physical location | | No. users/purpose | |
| Connectivity | Max speed | | Provider | |
| | Speedtest.net (ping, up & down) | | Support contact | |
| | | | On UPS/gen. power | |
| Cabling | Type (Cat5, etc) | | | |
| | Certified by | | Certified max speed | |
| | Certified date | | | |
| | Loc of drops since cert. | | | |
| | | | | |
| SMTP | Provider (Exchange, GoogleMail, etc) | | Username and password | |
| | | | | |
| Other | | | | |
| Infrastructure | | | | |
| Notes | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Primary | ID/Physical location | | DHCP | |
| Domain | OS | | Drive type/speed | |
| Controller | MFR /Model number | | Number of drives | |
| | No processors/ speed | | Drive capaAgency | |

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| | | | | |
|--------------------|--|--|-------------------------------|--|
| | Memory | | PassMark rating | |
| | IP Address | | Router ID/port no. | |
| | | | | |
| Backup | ID/Physical location | | DHCP | |
| Domain | OS | | Drive type/speed | |
| Controller | MFR /Model number | | Number of drives | |
| | No processors/ speed | | Drive capaAgency | |
| | Memory | | PassMark rating | |
| | IP Address | | Router ID/port no. | |
| SQL Server | ID/Physical location | | SQL version | |
| | OS | | Drive type/speed | |
| | MFR /Model number | | Number of drives | |
| | No processors/ speed | | Drive(s) capaAgency | |
| | Memory | | PassMark rating | |
| | IP Address | | Router ID/port no. | |
| | Other apps installed | | Backup method | |
| | Backup device(s) | | Backup frequency | |
| | Anti virus installed | | Memory scanning disabled | |
| | Services user folders or strictly SQL data | | SQL Folder excluded from scan | |
| IIS / Web | ID/Physical location | | | |
| Server | OS | | Drive type/speed | |
| | MFR /Model number | | Number of drives | |
| | No processors/ speed | | Drive capaAgency | |
| | Memory | | PassMark rating | |
| | IP Address | | Router ID/port no. | |
| | ICS Apps to be installed | | | |
| | | | | |
| Application | ID/Physical location | | | |
| Server/GW | OS | | Drive type/speed | |

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| | | | | |
|---------------------|----------------------------------|--|--|--|
| | MFR /Model number | | Number of drives | |
| | No processors/ speed | | Drive(s) capaAgency | |
| | Memory | | PassMark rating | |
| | IP Address | | Router ID/port no. | |
| | ICS apps installed | | Other 3 rd party apps installed | |
| | Anti-virus software Installed | | Folders excluded | |
| | UDP ports 1001-1009 tested | | | |
| Mobile | ID/Physical location | | | |
| Application | OS | | Drive type/speed | |
| Server | MFR /Model number | | Number of drives | |
| | No processors/ speed | | Drive(s) capaAgency | |
| | Memory | | PassMark rating | |
| | IP Address | | Router ID/port no. | |
| | ICS apps installed | | Other 3 rd party apps installed | |
| | Anti-virus software Installed | | SQL folders excluded from virus scanning | |
| | UDP ports 1001-1009 tested | | | |
| Dispatch | ID/Physical location | | | |
| Workstations | OS | | Drive type/speed | |
| | MFR /Model number | | Number of drives | |
| | No processors/ speed | | Drive(s) capaAgency | |
| | Memory | | PassMark rating | |
| | IP Address | | Router ID/port no. | |
| | Video card Mfr/model | | Other 3 rd party apps installed | |
| | Video ports/type | | | |

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| | | | | |
|---------------------|----------------------------|--|--|--|
| | UDP ports 1001-1009 tested | | | |
| Mobile | OS | | Drive type/speed | |
| Workstations | MFR /Model number | | Number of drives | |
| | No processors/ speed | | Drive(s) capacity | |
| | Memory | | PassMark rating | |
| | GPS MFR/model | | NMEA 0813 comp. | |
| | Mounting type | | Other 3 rd party apps installed | |
| | Airbag friendly | | VPN or Cloud security | |
| | | | | |
| | | | | |

EXHIBIT I**Implementation of CAD, Mobile, Law, and Fire****RFP 6400 City of Denton****Project Management**

| Name | Owner | Status | How long will this take | Estimate Start | Estimate Complete |
|---|--------------|---------------|--------------------------------|-----------------------|--------------------------|
| Contract Negotiations | ICS/DM | Working on it | 11 weeks | 1/10/19 | 3/26/19 |
| Kick Off with Team Assignments | ICS/DM | Waiting | 1 day | 4/3/19 | 4/3/19 |
| Project Team identifies responsibilities and reviews SOW | ICS/DM | Waiting | 1 day | 4/5/19 | 4/8/19 |
| MSAG Preparation | DIT/ICS | Waiting | 60 days | 4/5/19 | 7/10/19 |
| IT Support | ICS/DIT | Waiting | 19 days | 4/9/19 | 5/3/19 |
| Code table review and entry | ICS/DM | Waiting | 45 days | 4/9/19 | 6/13/19 |
| Functional testing with process flow scenario using agency tables | ICS | Waiting | 1 day | 6/14/19 | 6/14/19 |
| Interface testing | ICS/DIT | Waiting | 3 days | 6/17/19 | 6/19/19 |
| Documentation delivery | ICS | Waiting | 1 day | 6/24/19 | 6/24/19 |
| Training Schedule | ICS | Waiting | 32 days* | 7/8/19 | 8/20/19 |
| Acceptance testing/review before Go-Live | DM/ICS | Waiting | 1 day | 8/21/19 | 8/21/19 |
| Go Live | DM/ICS | Waiting | 1 day | 8/27/19 | 8/27/19 |
| Coplogic citizen portal | ICS/DIT | Waiting | 3 days | 9/3/19 | 9/5/19 |
| Data Conversion | ICS/DIT | Waiting | 60 days | 4/5/19 | 7/1/19 |
| Escrow delivery | ICS | Waiting | 1 day | 9/3/19 | 9/3/19 |
| Management Review | DM/ICS | Waiting | 1 day | 9/3/19 | 9/3/19 |

MSAG Preparation subproject

| Name | Owner | Status | How long will this take | Timeline - Start | Timeline - End |
|---|--------------|---------------|--------------------------------|-------------------------|-----------------------|
| Review and Prep MSAG data from Denco 911 | DIT/ICS | Waiting | 15 days | 4/5/2019 | 4/29/2019 |
| Revise and Load MSAG data with street spans and maps v1 | ICS/DIT | Waiting | 15 days | 5/1/2019 | 5/22/2019 |

EXHIBIT I

| | | | | | |
|---|---------|---------|---------|-----------|-----------|
| Revise and Load MSAG data with street spans and maps v2 | ICS/DIT | Waiting | 15 days | 5/23/2019 | 6/17/2019 |
| Revise and Load MSAG data with street spans and maps v3 | ICS/DIT | Waiting | 15 days | 6/18/2019 | 7/10/2019 |

IT Support subproject

| Name | Owner | Status | How long will this take | Timeline - Start | Timeline - End |
|--|--------------|---------------|--------------------------------|-------------------------|-----------------------|
| Review/Prep servers, Mobile units, and infrastructure | ICS/DIT | Waiting | 10 days | 4/9/2018 | 4/23/2019 |
| Allow VPN access for ICS for installing sw and updates | DIT | Waiting | 5 days | 4/24/2019 | 5/1/2019 |
| CAD, Law and Mobile software installs | ICS | Waiting | 2 days | 5/1/2019 | 5/2/2019 |
| CAD interfaces | ICS | Waiting | 2 days | 5/2/2019 | 5/3/2019 |

Training Schedule subproject

| Name | Owner | Status | How long will this take | Timeline - Start | Timeline - End |
|-------------------------------|--------------|---------------|--------------------------------|-------------------------|-----------------------|
| System Administrator | ICS | Waiting | 4 days | 7/8/2019 | 7/11/2019 |
| CAD User | ICS | Waiting | 3 days | 7/12/2019 | 7/16/2019 |
| Train the trainer CAD | ICS | Waiting | 3 days | 7/17/2019 | 7/20/19 |
| Supervisor training with PSAP | ICS | Waiting | 4 days | 7/22/2019 | 7/25/2019 |
| Train the trainer web | ICS | Waiting | 2 days | 7/26/2019 | 7/29/2019 |
| Train the trainer Mobile | ICS | Waiting | 2 days | 7/30/2019 | 7/31/2019 |
| Train the trainer Law | ICS | Waiting | 2 days | 8/1/2019 | 8/2/2019 |
| Department manager training | ICS | Waiting | 5 days | 8/5/2019 | 8/9/2019 |
| GIS tech training | ICS | Waiting | 1 day | 8/12/2019 | 8/12/2019 |
| IT technical training | ICS | Waiting | 1 day | 8/13/2019 | 8/13/2019 |
| IQ (ad-hoc) reportwriting | ICS | Waiting | 2 days | 8/14/2019 | 8/15/2019 |
| Refresher training CAD | ICS | Waiting | 3 days | 8/16/2019 | 8/20/2019 |

* some of these classes can run concurrent to have a tighter elapsed ti

EXHIBIT I

Data Conversion subproject

| Name | Owner | Status | How long will this take | Timeline - Start | Timeline - End |
|--|---------|---------|-------------------------|------------------|----------------|
| Import master records of name, vehicle, property and property room | ICS/DIT | Waiting | 30 days | 4/5/2019 | 5/15/2019 |
| Import abbreviated CFS info with date, date, location, call type | ICS/DIT | Waiting | 20 days | 5/15/2019 | 6/13/2019 |
| Import abbreviated RMS data that points to legacy | ICS/DIT | Waiting | 10 days | 6/14/2019 | 7/1/2019 |

DM = Denton Managemnt
DIT = Denton IT

EXHIBIT J

SOFTWARE LICENSE AGREEMENT

This Software License Agreement ("Agreement") is made and entered into effective as of the date the contract to which this Agreement is attached (the "Contract") is signed by both parties below, and is by and between:

Integrated Computer Systems, Inc. ("ICS")
3499 FM 1461
McKinney, Texas 75071

and

City of Denton, Texas ("Licensee")
215 East McKinney Street
Denton, Texas 76201

Licensee desires to license from ICS certain software owned by ICS, as set forth in the Contract executed by ICS and the Licensee in connection with this Agreement, and ICS desires to grant such a license to Licensee, pursuant to the terms and conditions of this Agreement.

In consideration of the mutual agreements contained herein, the sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. Licensed Software

1.1 ICS'S LICENSED SOFTWARE IS COPYRIGHTED BY ICS AND/OR ITS LICENSORS AND IS LICENSED (NOT SOLD). ICS DOES NOT SELL OR TRANSFER TITLE TO THE LICENSED SOFTWARE TO LICENSEE. THE LICENSE OF THE LICENSED SOFTWARE WILL NOT COMMENCE UNTIL LICENSEE HAS EXECUTED THIS AGREEMENT AND AN AUTHORIZED REPRESENTATIVE OF ICS HAS RECEIVED, APPROVED, AND EXECUTED A COPY OF IT AS EXECUTED BY LICENSEE.

1.2 In consideration of the payment of the license fees set forth in the Contract pertaining hereto, ICS grants Licensee a non-exclusive, non-transferable license to use the package of computer programs (in machine-readable form only), data, and related materials, including documentation and listings, identified in the Contract (the "Licensed Software"), subject to the terms of this Agreement (including the restrictions with respect to Data Conversion set forth in Section 7).

1.3 ICS will supply fully functional databases with sample records. These databases contain proprietary engineering, data structures and stored software procedures (improves performance by processing on the server). ICS supplied databases with imbedded stored procedures are additional Licensed Software. The Licensee owns the data stored inside the databases and can export the data to be used for any purpose.

2. Licensee Rights

2.1 Licensee may install and use the Licensed Software only in Licensee's own facility. Licensee shall give ICS written notice if the location of Licensee's facility changes.

2.2 Licensee may use and execute the Licensed Software only for purposes of serving the internal needs of Licensee's agency, except as specifically set forth in this Agreement.

2.3 Licensee may make one copy of the Licensed Software for non-productive backup purposes only, provided that ICS's proprietary notices are included.

2.4 Licensee may reproduce (photocopy) Licensed Software documentation according to Licensee's needs for the authorized use of the Licensed Software. To the extent consistent with the Texas Public Information Act, Licensee may not distribute any original or reproduced copy for use outside of the Licensee's place of business and must not reveal it or any other ICS documentation, or the Licensed Software itself, to competitors of ICS or to any other third party unless they have a need to know such information for the proper purposes of this



EXHIBIT J

Agreement.

2.5 If Licensee and a third party entity (the "Shared Agency") desire to enter into an arrangement whereby Licensee will act as a "Host Agency" and permit the Shared Agency to access the Licensed Software through Licensee, the Shared Agency and ICS will execute an Addendum Agreement for such arrangement and attach it to this Agreement as Attachment A. ICS will bill Shared Agency directly for the applicable license fees, and Shared Agency shall be exclusively responsible for timely payment of such invoices. Licensee shall require the Shared Agency to comply with the terms of this Agreement and shall notify ICS and cooperate as reasonably requested by ICS in the event of any non-compliance.

3. Fees and Payments

Licensee agrees to pay for the ICS Licensed or Sublicensed Software. Upon execution of this Agreement, Licensee agrees to pay fifty percent (50%) of the license fee specified in this Agreement, unless otherwise specified in this Agreement. Within ten (10) days after the Software Installation Date, Licensee agrees to pay the balance of the fees specified herein.

4. Support

ICS shall support the Licensed Software in the manner specified in the "ICS Software Assurance Addendum" between the parties (the "Assurance Addendum"). Licensee is required to maintain the Assurance Addendum in force as a condition to the license of the Licensed Software under this Agreement.

5. Licensee Responsibilities

5.1 Licensee is responsible for selecting Agency Application Managers (one for each application area/department may be assigned) who are qualified to operate the Licensed Software on Licensee's own equipment and is familiar with the information, calculations, and reports that serve as input and output of the Licensed Software. ICS reserves the right to refuse assistance or to charge additional fees if the ICS Application Manager seeks assistance with respect to such basic background information or any other matters not directly relating to the operation of the Licensed Software.

5.2 Other components (hardware and/or software) may be required for the use of the Licensed Software. ICS assumes no responsibility under this Agreement for obtaining and/or supporting such components except as expressly agreed in writing.

5.3 Licensee is responsible for ensuring a proper environment and proper utilities for the computer system on which the Licensed Software will operate. Such environment includes, but is not limited to, use of the appropriate operating system at the version and release levels specified by ICS.

5.4 Except as expressly agreed in writing, ICS assumes no responsibility under this Agreement for converting Licensee's data files for use with the Licensed Software

6. Proprietary Protection and Restrictions

6.1 ICS shall have sole and exclusive ownership of all rights, title, and interest in and to the Licensed Software and all modifications and enhancements thereof (including ownership of all trade secrets, copyrights and other intellectual property rights pertaining thereto), subject only to the rights and privileges expressly granted to Licensee herein by ICS. The Licensed Software may also include software separately licensed to ICS from third party licensors. Such third party software is sublicensed to Licensee and protected pursuant to the terms of this Agreement, and may be used only in conjunction with the Licensed Software. This Agreement does not provide Licensee with title or ownership of the Licensed Software or any component thereof, but only a limited license. ICS and its licensors specifically reserve all rights not expressly granted to Licensee in this Agreement.

6.2 To the extent authorized by the Texas Public Information Act, Licensee may not allow any other agency, entity, or individual to use or have access to the Licensed Software in any manner other than inquiry unless expressly authorized by ICS. Except as specifically authorized by ICS, queries may be conducted solely for Licensee's internal business purposes, and Licensee may not query the Licensed Software, or permit any third party to query the Licensed Software, for a third party's business purposes.

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6.3 Licensee may not use, copy, modify, rent, share or distribute the Licensed Software (electronically or otherwise), or any copy, adaptation, transcription, or merged portion thereof, except as expressly authorized in writing by ICS. Licensee may not translate, modify, reverse assemble, reverse compile, or otherwise reverse engineer the Licensed Software.

6.4 To the extent authorized by the Texas Public Information Act, Licensee may not utilize or permit a third party to access or utilize any part of the Licensed Software in any manner that competes, directly or indirectly, with any product or service provided by ICS. This includes, without limitation, using the Licensed Software to develop any software, interfaces or other products that compete with ICS's products or services, or using interfaces or other products connecting to the database of the Licensed Software in connection with a third party's competing product.

6.5 No service bureau work, multiple-user license, or time-sharing arrangement is permitted, except as expressly authorized in writing by ICS. Licensee may not install the Licensed Software in any other computer system or use it at any other location without ICS's express authorization obtained in advance (which will not be unreasonably withheld).

6.6 To the extent authorized by the Texas Public Information Act, Licensee shall keep confidential all non-public information provided to Licensee by ICS ("Confidential Information"), including the Licensed Software, future product plans, price lists, financial and business information, trade secrets, etc. To the extent authorized by the Texas Public Information Act, Licensee shall not use Confidential Information for any purpose other than the authorized purposes of this Agreement. To the extent authorized by the Texas Public Information Act, Licensee may disclose Confidential Information only to its employees who need to know such information, and who are bound to keep such information confidential. Licensee shall give ICS's Confidential Information at least the same level of protection as it gives its own confidential information of similar nature, but not less than a reasonable level of protection.

6.7 Licensee hereby authorizes ICS to enter Licensee's premises in order to inspect the Licensed Software in any reasonable manner during regular business hours, with 24 hours prior notice, to verify Licensee's compliance with the terms of this Agreement.

6.8 Licensee acknowledges that, in the event of Licensee's breach of any of the foregoing provisions, ICS will not have an adequate remedy in money or damages. To the extent authorized by Texas Law and Constitution, ICS shall therefore be entitled to obtain an injunction against such breach from any court of competent jurisdiction within the state courts of Denton County, Texas immediately upon request, without the necessity of posting bond, in addition to any other remedies that may be available at law or in equity.

7. Data Transfer and Conversion

7.1 Unless otherwise specified in this Agreement, Licensee shall furnish all necessary data to ICS for transfer into the ICS system. All data will be provided to ICS in a Global Justice XML format or other mutually agreed upon data format. Licensee is responsible for insuring that all proprietary rights to the data provided to ICS are not in breach of any third party agreements between the Licensee and vendor/third party.

7.2 Data converted and transferred to the ICS system will be provided "as is". ICS makes no warranty for the fitness or use of the data within the ICS Licensed or Sublicensed Software.

7.3 No data transfer or conversion will be provided unless specifically stated herein.

7.4 If Licensee fails to supply the data as prescribed herein to ICS within 60 days of the ICS request for the data then ICS may cancel the data transfer/conversion agreement and refund the prorated amount of unused monies to the Licensee.

8. Limited Warranty, Limitation of Liability and Indemnification

8.1 ICS warrants for Licensees benefit alone, that the Licensed Software conforms in all material respects to the specifications and descriptions in its solicitation response and the provided in the Contract, and conforms in all material respects to the specifications for the current version of the Licensed Software as described in ICS's



EXHIBIT J

Licensed Product Specification as of the date this Agreement is signed, and for a period thereafter of Twelve (12) months. This warranty is expressly conditioned on Licensee's observance of the operation, security, and data-control procedures set forth in the User's Manual included with the Licensed Software.

8.2 ICS is not responsible for obsolescence of the Licensed Software that may result from changes in Licensee's requirements. The warranty in Section 8.1 shall apply only to the most current version of the Licensed Software issued by ICS from time to time. Issuance of updates do not result in a renewal or extension of the warranty period, ICS assumes no responsibility for the use of superseded, outdated, or uncorrected versions of the Licensed Software. ICS is not responsible for any problems or errors with the Licensed Software or Licensee's system resulting from use of data import utilities. Licensee expressly acknowledges that any use of "write" or "update" features of import utilities may damage Licensee's database or cause other problems with its' system.

8.3 As Licensee's exclusive remedy for any material defect in the Licensed Software for which ICS is responsible, ICS shall use reasonable efforts to correct or cure any reproducible defect by issuing corrected instructions, a restriction, or a bypass. In the event ICS does not correct or cure such nonconformity or defect after ICS has had a reasonable opportunity to do so, then in addition to any other available remedy, ICS shall refund to Licensee the amount paid as the license fee for the defective or nonconforming module of the Licensed Software. ICS shall not be obligated to correct, cure, or otherwise remedy any nonconformity or defect in the Licensed Software if Licensee has made any changes whatsoever to the Licensed Software, if the Licensed Software has been misused or damaged in any respect, or if Licensee has not reported to ICS the existence and nature of such nonconformity or defect promptly upon discover thereof.

8.4 INTENTIONALLY OMITTED.

8.5 IN NO EVENT SHALL ICS AND ITS LICENSORS OR LICENSEE BE LIABLE FOR ANY LOSS OF PROFITS; ANY INCIDENTAL, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES. This limitation upon damages and claims is intended to apply without regard to whether other provisions of this Agreement have been breached or have proven ineffective.

8.6 If a court or other legal authority finds that any part of the Licensed Software infringes a third party's intellectual property rights, or if ICS believes that it infringes, ICS will use reasonable efforts to obtain a license under the rights that have been infringed, to modify the Licensed Software so it is no longer infringing, or to provide to Licensee substitute software that is non-infringing; provided that if in ICS's judgment such options are not commercially reasonable, ICS may terminate the license for the Licensed Software or the infringing portion thereof upon written notice to Licensee. ICS will have no liability for infringement arising out of modification of the Licensed Software by any party other than ICS, use of an outdated version of the Licensed Software, or the combination or use of the Licensed Software with any other software, hardware, equipment, product or process not furnished by ICS, if use of the Licensed Software alone and in its' current, unmodified form would not have been an infringement. ICS is not liable for any infringement claims based upon third party software or hardware used or installed by any party other than ICS.

9. Term of Agreement and Termination

9.1 Licensee's license of the Licensed Software shall become effective upon the execution of the Contract and shall continue perpetually unless otherwise terminated in accordance with this Agreement and the Contract. This Agreement shall automatically terminate upon termination of the Contract or Assurance Addendum for any reason, including Licensee's failure to pay the required support fees.

9.2 Licensee may terminate this Agreement at any time upon written notice to ICS, subject to any outstanding obligations and financial commitments of Licensee listed in the related Contract (e.g., Licensee's obligation to pay license fees is not rescinded by such termination).

9.3 Upon termination of this Agreement, all rights granted to Licensee will terminate and revert to ICS and/or its licensors. Promptly upon termination of this Agreement for any reason or upon discontinuance or abandonment of Licensee's possession or use of the Licensed Software, Licensee must return or destroy, as requested by ICS, all copies of the Licensed Software in Licensee's possession (whether modified or unmodified), and all

EXHIBIT J

other Confidential Information and other materials pertaining to the Licensed Software (including all copies thereof). Licensee agrees to certify Licensee's compliance with such restriction upon ICS's request. The terms of Sections 6, 8.5, 8.6, 9.3, and 10 shall survive termination or expiration of this Agreement.

10. Miscellaneous

10.1 This Agreement, the Contract and the Assurance Addendum (if applicable), together with their attachments, if any, constitute the complete agreement between the parties with respect to the Licensed Software and other subject matter hereof. No modification of this Agreement shall be binding unless it is in writing and is signed by an authorized representative of each party.

10.2 This Agreement will be governed by the laws of the state of Texas. The parties hereby submit to the exclusive jurisdiction and venue of Denton County, Texas state courts with respect to any action between the parties relating to this Agreement. Nothing herein shall be construed to waive the sovereign immunity of the State of Texas.

10.3 Any waiver by either party of a default or obligation under this Agreement will be effective only if in writing. Such a waiver does not constitute a waiver of any subsequent breach or default. No failure to exercise any right or power under this Agreement or to insist on strict compliance by the other party will constitute a waiver of the right in the future to exercise such right or power or to insist on strict compliance.

10.4 Any notices required or permitted under this Agreement shall be in writing and delivered in person or sent by registered or certified mail, return receipt requested, with proper postage affixed, or sent by commercial overnight delivery service with provisions for a receipt.

10.5 If any term of this Agreement is held to be invalid or void by any court or tribunal of competent jurisdiction, it shall be modified by such court or tribunal to the minimum extent necessary to make it valid and enforceable. If it cannot be so modified, it shall be severed from this Agreement and all the remaining terms of this Agreement shall remain in full force and effect.

10.6 In the event export of the Licensed Software is expressly permitted by ICS, Licensee may only export the Licensed Software (including any related materials) as authorized by U.S. law and any other applicable jurisdiction. In particular, the Licensed Software may not be exported into any country where such export is prohibited by law, regulation or governmental order.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized representatives as set forth below.

11. Signatures

Accepted and Approved:

City of Denton, Texas

Licensee:

By (signature):

DocuSigned by:

Todd Hileman

8776C711BA00454...

Todd Hileman

Printed name:

Title:

City Manager

Date:

4/9/2019

Integrated Computer Systems, Inc.

By (signature):

DocuSigned by:

Ray Sims

BEF3A03EAF72431...

Ray Sims

Printed name:

Title:

President

Date:

3/21/2019



EXHIBIT K

SOFTWARE ASSURANCE ADDENDUM

INTEGRATED COMPUTER SYSTEMS, INC. ("ICS") and Licensee desire to supplement and amend the ICS Software License Agreement.

IN CONSIDERATION OF the terms and conditions of the ICS Software License Agreement, this Addendum, and other good and valuable consideration, the premises contained herein, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. Definitions

Unless the context otherwise provides, the terms defined in this section shall, for the purposes of this Addendum, have the meaning herein specified.

- A. **Enhancement.** Any modification or addition that, when made or added to the Licensed Software, changes its utility, efficiency, functional capability, or application, but that does not constitute solely an Error Correction.
- B. **Update.** An update is defined as a change or error corrections made to the existing ICS Licensed Software and includes but is not limited to, changes made to bring current any function or functions.
- C. **Licensed Software.** One or more of the computer software components and/or software interfaces developed by ICS, as identified in one or more ICS Sales Quotes and/or ICS License Agreements between the parties, and which is licensed to Licensee pursuant to the ICS License Agreement. The Licensed Software specifically excludes computer software not developed by ICS, but that might be used in conjunction with the ICS software; such as, word processors, spreadsheets, terminal emulators, etc., hereinafter referred to as "Third Party Software".
- D. **Error.** Any failure of the Licensed Software to conform in all material respects to its functional specifications as published from time to time by ICS.
- E. **Error Correction.** Either a software modification or addition that, when made or added to the Licensed Software, establishes material conformity of the Licensed Software to the functional specifications, or a procedure or routine that, when observed in the regular operation of the Licensed Software, eliminates the practical adverse effect on Licensee of such nonconformity.
- F. **Updates.** New versions of the Licensed Software, including all Error Corrections and Enhancements.
- G. **Response Time.** Within six (6) Coverage Hours, from the time Licensee first notifies ICS of an Error until ICS initiates work toward development of an Error Correction.
- H. **Coverage Hours.** The hours between 8:00 AM and 5:00 PM, Central Standard Time, on the days Monday through Friday, excluding regularly scheduled holidays of ICS.
- I. **Agency Application Manager.** A representative of Licensee who has been certified on the Licensed Software by ICS, and is able to communicate effectively with ICS support personnel in the description and resolution of problems associated with the Licensed Software.
- J. **After-hours Support.** An emergency Error Correction provided to Licensee during non-Coverage Hours for specifically designated Licensed Software.

2. Eligibility for Support

ICS's obligation to provide Services with respect to the Licensed Software may be terminated or suspended, at ICS's discretion, if at any time during the term of this Addendum any of the following requirements are not met:

- Licensee must have a valid ICS License Agreement for the Licensed Software in effect at all times;
- Licensed Software must be operated on a hardware and software platform approved by ICS;
- Licensee must be current and in compliance with all ICS billings.

ICS may require Licensee to appoint a new Agency Application Manager if ICS determines that the acting Agency Application Manager does not have the training or experience necessary to communicate effectively with ICS support personnel.

EXHIBIT K

3. Software Support Services

In accordance with the terms and conditions of this Addendum, ICS shall provide Licensee with the following software support services for the ICS Licensed Software and Sublicensed Software as specified in this Addendum, during Coverage Hours:

- A. ICS shall maintain a software support team capable of receiving from the Agency Application Manager, by telephone or e-mail, reports of any software irregularities, and requests for assistance in use of the Licensed Software.
- B. ICS shall maintain a trained staff capable of delivering support services set forth in this Addendum.
- C. ICS shall be responsible for using all reasonable diligence in correcting verifiable and reproducible Errors when reported to ICS in accordance with ICS's standard reporting procedures. ICS shall, after verifying that such an Error is present, initiate work in a diligent manner toward development of an Error Correction. Following completion of the Error Correction, ICS shall provide the Error Correction through a "temporary fix" consisting of sufficient programming and operating instructions to implement the Error Correction, and ICS shall include the Error Correction in all subsequent Releases of the Licensed Software. ICS will support one (1) version back from the most recently released version.
- D. ICS may, from time to time, issue new Releases of the Licensed Program to its customers generally, containing Error Corrections, minor Enhancements, and, in certain instances, if ICS so elects, major Enhancements. ICS reserves the right to require additional license fees for major Enhancements. ICS shall provide Licensee with one copy of each new Release, without additional charge. ICS shall provide reasonable assistance to help Licensee install and operate each new Release, provided that such assistance, if required to be provided at Licensee's facility, shall be subject to the supplemental charges set forth in ICS's current Fee Schedule.
- E. ICS shall consider and evaluate the development of Enhancements for the specific use of Licensee and shall respond to Licensee's requests for additional services pertaining to the Licensed Software (including, without limitation, data field additions and report-formatting assistance), provided that such assistance, if agreed to be provided, shall be subject to supplemental charges mutually agreed to in writing by ICS and Licensee.
- F. ICS shall provide After-hours Support by providing Error Corrections for the Licensed Software noted on the attached ICS quotation as "24 X 7". All other After-hours support requests will be billed at ICS's then current overtime rate with a two (2) hour minimum.

4. Licensee Obligations

- A. Licensee must maintain and provide ICS, at no cost to ICS, a broadband internet connection to the Licensee's network utilizing current Cisco VPN technology. This connection will be available 24 hours per day 7 days a week and will provide full access to all workstations/devices, application servers and SQL servers that utilize the Licensed Software.
- B. A representative of Licensee's IT department must be present when any on-site support is provided. Licensee agrees that if such representative is not present when the ICS representative arrives on site, the ICS representative shall notify an appropriate representative of Licensee, if feasible, that there is no Licensee IT representative present. If Licensee's IT representative does not arrive within a reasonable time, no work will be performed and Licensee will be charged for all expenses incurred and relating to the visit.
- C. All communications between Licensee and ICS must be in the English language.
- D. Licensee is responsible for providing one or more qualified Agency Application Managers as described in Section 5. At least one Agency Application Manager must be available at all times (however, after-hours availability is required only when and if Licensee is requesting After-hours Support from ICS).
- E. Licensee is responsible for providing all network and server security.
- F. Licensee must provide ICS with information sufficient for ICS to duplicate the circumstances under which an Error in the Licensed Software became apparent.

EXHIBIT K

5. Agency Application Manager Requirements

- A. ICS recommends that the Licensee designate multiple Agency Application Managers - one for each ICS License Software module, i.e., computer aided dispatch, law records, fire records, mobile patrol, investigations, jail, GIS, etc.). This assignment should align with the individual's area of expertise, knowledge and/or management responsibilities.
An Agency Application Manager must be available to provide after-hours assistance. This is due to the high percentage of support requests that are Licensee procedure related and not related to the Licensed Software.
- B. The designated Agency Application Manager(s) must be certified by ICS within sixty days of the Licensee's go-live date of the Licensed Software. The designated manager(s) must attend, participate in, and successfully pass the final written and practical examinations relating to the assigned ICS training courses in order to meet the minimum certification level.
- C. Licensee will be responsible for the costs of such training, including any course fees, travel and lodging expenses, subject to the limits on reimbursement in compliance with the State of Texas Travel Regulations.
- D. Contact information for the Agency Application Manager(s) must be made available to ICS upon acceptance of this Addendum.
- E. Requests for support services received by anyone other than an Agency Application Manager, will be Billable time at ICS current rates.
- F. Each designated Agency Application Manager must be qualified to address, or have other support resources to address, without the aid of ICS, all problems relating to hardware, software or operating system not directly associated with the Licensed Software.

6. Software Covered

This Addendum shall apply to all ICS Licensed Software. If Licensee acquires additional Licensed Software, such software shall upon its Software Installation Date become subject to this Addendum. The annual fees for such additional Licensed Software shall be added, as relevant, to the annual fees already charged to Licensee.

7. Fees and Payment

For the services provided herein, Licensee agrees to pay the annual software support fee as specified in this Addendum.

Upon the effective date of this Addendum, Licensee agrees to pay ICS all of the one-time charges and the annual fee. Thereafter, the annual SAP support fee is due on or before the first month of every year this Addendum is in effect.

8. Term

This Addendum shall become effective on the date executed by an officer of ICS and shall have an initial term commencing upon the effective date and ending upon the last day of the first year this Addendum is in effect. This Addendum shall automatically renew for subsequent one-year terms, unless either party gives the other party at least thirty days' notice of its intent not to renew.

9. Installation

If Licensee provides ICS Cisco VPN connectivity, then ICS shall install the enhancements, updates, and error corrections upon the Licensee's server at no charge. If Licensee does not provide Cisco VPN connectivity then ICS shall install such Enhancements in accordance with the section entitled 'Time and Materials Services'.

10. Updates

From time to time, ICS, in its sole discretion, may choose to make Updates to the ICS Software. If ICS does make such Updates, ICS shall provide them to Licensee in accordance with the section entitled 'Installation'.

- A. These Updates may contain error corrections, enhancements and mandated legislative changes. It is the responsibility of the Licensee to promptly notify ICS of such mandated legislative changes.

EXHIBIT K

It is ICS's sole discretion as to which specific changes are to be implemented and when they will be provided to Licensee.

- B. Licensee acknowledges that Updates may not function with certain configurations of hardware and software and that in order to function, the Updates may require replacements or additional hardware and software at an additional cost to Licensee.
- C. Licensee also acknowledges that the Updates, when in use, may utilize more system resources than the Licensed Software currently installed. Such additional system resources include, but are not limited to, additional auxiliary storage, additional memory, and additional use of the CPU.
- D. Licensee also acknowledges that ICS does not provide software updates to third party software unless specifically stated.

11. Time and Materials Services

The services identified in this section are specifically NOT covered by this Addendum. ICS strongly recommends that Licensee secure a separate support agreement with third party vendors for all non-ICS products. ICS may, in its discretion, provide such services to Licensee upon request, for an additional fee as the parties may agree in writing.

- A. Support for any third party products including hardware, or support for hardware failure due to the use of any third party vendor products.
- B. Any network failures or problems including, but not limited to, cabling, communication lines, routers, connectors, and network software.
- C. Restoration and/or recovery of data files and/or the operating system.
- D. Any breach of warranty, damages to the Licensed Software or its database, data corruption, or support issues, security issues, or performance issues arising out of Licensee's or a third party's use of any software not specifically licensed by ICS to Licensee for use in connection with the Licensed Software. Any assistance provided by ICS in resolving such problems shall be charged to Licensee on a time and materials basis. Additionally, any unauthorized use of the software in connection with the Licensed Software by Licensee (or by a third party with Licensee's knowledge) may result, at ICS's sole option, in voidance of warranties, an increase in the annual maintenance and support fees under this Addendum, and/or loss of rights to upgrades under this Addendum.
- E. Support for Licensed Software problems caused by Licensee misuse, alteration or damage to the Licensed Software or Licensee combining or merging the Licensed Software with any hardware or software not supplied by or identified as compatible by ICS, customizing of programs, accident, neglect, power surge or failure, lightning, operating environment not in conformance with the manufacturers specifications (for electric power, air quality, humidity or temperature), or third party software or hardware malfunction.
- F. Supporting, configuring, maintaining, or upgrading the operating system, including, but not limited to, backups, restores, fixes, and patches.
- G. Assistance with problems caused by operating system installation, configuration, errors, maintenance or repair, or using incorrect versions of the operating system.
- H. On-site service visits to Licensee's facility.
- I. Printers are not supported by ICS.
- J. Support provided to Licensee's personnel other than the Agency Application Manager.
- K. Performing user training, system management, or implementation services.
- L. Any other services performed by ICS and not otherwise provided for in this Addendum.

EXHIBIT K

12. Signatures

Accepted and Approved:

Licensee: City of Denton, Texas

Integrated Computer Systems, Inc.

By (signature): DocuSigned by:
Todd Hileman
B776C711BA0D454By (signature): DocuSigned by:
Ray Sims
BEF9A99EAFF2467Printed name: Todd HilemanPrinted name: Ray SimsTitle: City ManagerTitle: PresidentDate: 4/9/2019Date: 3/21/2019

Attachment E – Conflict of Interest

CONFLICT OF INTEREST QUESTIONNAIRE - FORM CIQ

For vendor or other person doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local government entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. *See* Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

1 Name of vendor who has a business relationship with local governmental entity.

Integrated Computer Systems, Inc.

2

☐

Check this box if you are filing an update to a previously filed questionnaire.

(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information in this section is being disclosed.

N/A

Name of Officer

This section, (item 3 including subparts A, B, C & D), must be completed for each officer with whom the vendor has an employment or other business relationship as defined by Section 176.001(1-a), Local Government Code. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer named in this section receiving or likely to receive taxable income, other than investment income, from the vendor?

☐

Yes

☒

No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer named in this section AND the taxable income is not received from the local governmental entity?

☐

Yes

☒

No

C. Is the filer of this questionnaire employed by a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership of one percent or more?

☐

Yes

☒

No


D. Describe each employment or business and family relationship with the local government officer named in this section.

4

☒

I have no Conflict of Interest to disclose.

5



Signature of vendor doing business with governmental entity

April 24, 2018

Date

Certificate Of Completion

Envelope Id: 8ACF7DED861A4C00980A5E2F30DB6FA6
 Subject: Please DocuSign: City Council Contract 6400-Public Safety CAD RMS MDS Systems
 Source Envelope:
 Document Pages: 272
 Certificate Pages: 6
 AutoNav: Enabled
 Envelopeld Stamping: Enabled
 Time Zone: (UTC-08:00) Pacific Time (US & Canada)

Status: Completed

Envelope Originator:
 Cindy Alonzo
 901B Texas Street
 Denton, TX 76209
 Cynthia.Alonzo@cityofdenton.com
 IP Address: 129.120.6.150

Record Tracking

Status: Original
 3/21/2019 9:37:05 AM

Holder: Cindy Alonzo
 Cynthia.Alonzo@cityofdenton.com

Location: DocuSign

Signer Events

Cindy Alonzo
 cynthia.alonzo@cityofdenton.com
 Senior Buyer
 City of Denton
 Security Level: Email, Account Authentication
 (None)

Electronic Record and Signature Disclosure:
 Not Offered via DocuSign

Lori Hewell
 lori.hewell@cityofdenton.com
 Purchasing Manager
 City of Denton
 Security Level: Email, Account Authentication
 (None)

Electronic Record and Signature Disclosure:
 Not Offered via DocuSign

Mack Reinwand
 mack.reinwand@cityofdenton.com
 City of Denton
 Security Level: Email, Account Authentication
 (None)

Electronic Record and Signature Disclosure:
 Not Offered via DocuSign

Ray Sims
 ray@icsnews.com
 President
 Security Level: Email, Account Authentication
 (None)

Electronic Record and Signature Disclosure:
 Not Offered via DocuSign

Signature

Completed

Using IP Address: 129.120.6.150

DS
 LH

Signature Adoption: Pre-selected Style
 Using IP Address: 129.120.6.150

DocuSigned by:
 Mack Reinwand
 7F9D328BF0204E5...

Signature Adoption: Pre-selected Style
 Using IP Address: 129.120.6.150

DocuSigned by:
 Ray Sims
 BEF3A33EAF2437...

Signature Adoption: Pre-selected Style
 Using IP Address: 12.158.40.130

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 Signed: 3/21/2019 11:19:02 AM

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 Viewed: 3/21/2019 11:20:38 AM
 Signed: 3/21/2019 11:20:45 AM

Sent: 3/21/2019 11:20:51 AM
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 Signed: 3/21/2019 11:34:40 AM

Sent: 3/21/2019 11:34:44 AM
 Viewed: 3/21/2019 11:35:41 AM
 Signed: 3/21/2019 12:21:26 PM

Signer Events

Melissa Kraft
melissa.kraft@cityofdenton.com
Chief Technology Officer
City of Denton
Security Level: Email, Account Authentication
(None)

Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Tabitha Millsop
tabitha.millsop@cityofdenton.com
City of Denton
Security Level: Email, Account Authentication
(None)

Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Todd Hileman
Todd.Hileman@cityofdenton.com
City Manager
City of Denton
Security Level: Email, Account Authentication
(None)

Electronic Record and Signature Disclosure:
Accepted: 7/25/2017 9:02:14 AM
ID: 57619fbf-2aec-4b1f-805d-6bd7d9966f21

Rosa Rios
rosa.rios@cityofdenton.com
Security Level: Email, Account Authentication
(None)

Electronic Record and Signature Disclosure:
Accepted: 4/10/2019 7:10:37 AM
ID: ece192d7-8548-41ba-8de9-cb47816cf8ef

In Person Signer Events

Editor Delivery Events

Agent Delivery Events

Intermediary Delivery Events

Certified Delivery Events

Carbon Copy Events

Sherri Thurman
sherri.thurman@cityofdenton.com
City of Denton
Security Level: Email, Account Authentication
(None)

Electronic Record and Signature Disclosure:
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Signature

DocuSigned by:
Melissa Kraft
8407288232BE40E...

Signature Adoption: Pre-selected Style
Using IP Address: 47.190.47.120
Signed using mobile

Completed

Using IP Address: 129.120.6.150

DocuSigned by:
Todd Hileman
B776C711BA0D454...

Signature Adoption: Pre-selected Style
Using IP Address: 47.190.47.120
Signed using mobile

DocuSigned by:
Rosa Rios
1C5CA8C5E175493...

Signature Adoption: Pre-selected Style
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Signature

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Status

Status

Status

Status

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Signed: 4/10/2019 7:04:59 AM

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Carbon Copy Events

Jane Richardson
jane.richardson@cityofdenton.com
Assistant City Secretary
City of Denton
Security Level: Email, Account Authentication
(None)

Electronic Record and Signature Disclosure:
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Jennifer Bridges
jennifer.bridges@cityofdenton.com
Procurement Assistant
City of Denton
Security Level: Email, Account Authentication
(None)

Electronic Record and Signature Disclosure:
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Jane Richardson
jane.richardson@cityofdenton.com
Assistant City Secretary
City of Denton
Security Level: Email, Account Authentication
(None)

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Viewed: 4/16/2019 7:03:21 AM

Drew Allen
Drew.Allen@cityofdenton.com
IT Project Manager
City of Denton
Security Level: Email, Account Authentication
(None)

Electronic Record and Signature Disclosure:
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Notary Events

Signature

Timestamp

Envelope Summary Events

Status

Timestamps

Envelope Sent
Certified Delivered
Signing Complete
Completed

Hashed/Encrypted
Security Checked
Security Checked
Security Checked

4/10/2019 7:13:09 AM
4/10/2019 7:13:09 AM
4/10/2019 7:13:09 AM
4/10/2019 7:13:09 AM

Payment Events

Status

Timestamps

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Required hardware and software

| | |
|----------------------------|---|
| Operating Systems: | Windows2000? or WindowsXP? |
| Browsers (for SENDERS): | Internet Explorer 6.0? or above |
| Browsers (for SIGNERS): | Internet Explorer 6.0?, Mozilla FireFox 1.0, NetScape 7.2 (or above) |
| Email: | Access to a valid email account |
| Screen Resolution: | 800 x 600 minimum |
| Enabled Security Settings: | <ul style="list-style-type: none">•Allow per session cookies•Users accessing the internet behind a Proxy Server must enable HTTP 1.1 settings via proxy connection |

** These minimum requirements are subject to change. If these requirements change, we will provide you with an email message at the email address we have on file for you at that time providing you with the revised hardware and software requirements, at which time you will have the right to withdraw your consent.

Acknowledging your access and consent to receive materials electronically

To confirm to us that you can access this information electronically, which will be similar to other electronic notices and disclosures that we will provide to you, please verify that you were able to read this electronic disclosure and that you also were able to print on paper or electronically save this page for your future reference and access or that you were able to e-mail this disclosure and consent to an address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format on the terms and conditions described above, please let us know by clicking the 'I agree' button below.

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