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.

RFP NUMBER	CONTRACTOR	AMOUNT
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:	✓			
Gerard Hudspeth, District 1:	✓			
Keely G. Briggs, District 2:	✓			
Don Duff, District 3:				✓
John Ryan, District 4:	✓			
Deb Armintor, At Large Place 5:	✓			
Paul Meltzer, At Large Place 6:	✓			

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: _____

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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

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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

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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.

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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
8407288232BE40E...

SIGNATURE

Melissa Kraft
PRINTED NAME

Chief Technology Officer
TITLE

Technology Services
DEPARTMENT

APPROVED AS TO LEGAL FORM:
AARON LEAL, CITY ATTORNEY

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

ATTEST:
ROSA RIOS, CITY SECRETARY

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

CONTRACTOR

BY: DocuSigned by:
Ray Sims
BEF3A33EAFF2437...
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

BY: DocuSigned by:
Todd Hileman
B778C711BA0D454...
TODD HILEMAN
CITY MANAGER

Date: 4/10/2019

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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.

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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

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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

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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

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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.

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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

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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

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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

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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.

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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

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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

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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.

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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.

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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**

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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

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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

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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

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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

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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

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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.

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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

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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.

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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**

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

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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.***

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- 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.

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[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.

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[ ] **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.

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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

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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

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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.

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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.

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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

CITY OF DENTON

FROM

ICS INTEGRATED COMPUTER SYSTEMS
we support heroes

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

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INTEGRATED COMPUTER SYSTEMS
we support heroes

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,

Thomas Galbraith
Vice President of Sales

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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
	Hard Copy Submission: If submitting a hard copy, the City requires one (1) original and three (3) copies, with the pricing sheet submitted electronically **in excel** or emailed **in excel** to Ebids@cityofdenton.com with the Solicitation # and name in the subject line.
X	**Electronic Submission:** 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 **in excel** format.

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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

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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 …

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- 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.**
    a. The details must be completed on this form, and shall not point to another document in the respondent's proposal.
    b. 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 contact. 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.	4/02/2018
	Company	Date

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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.

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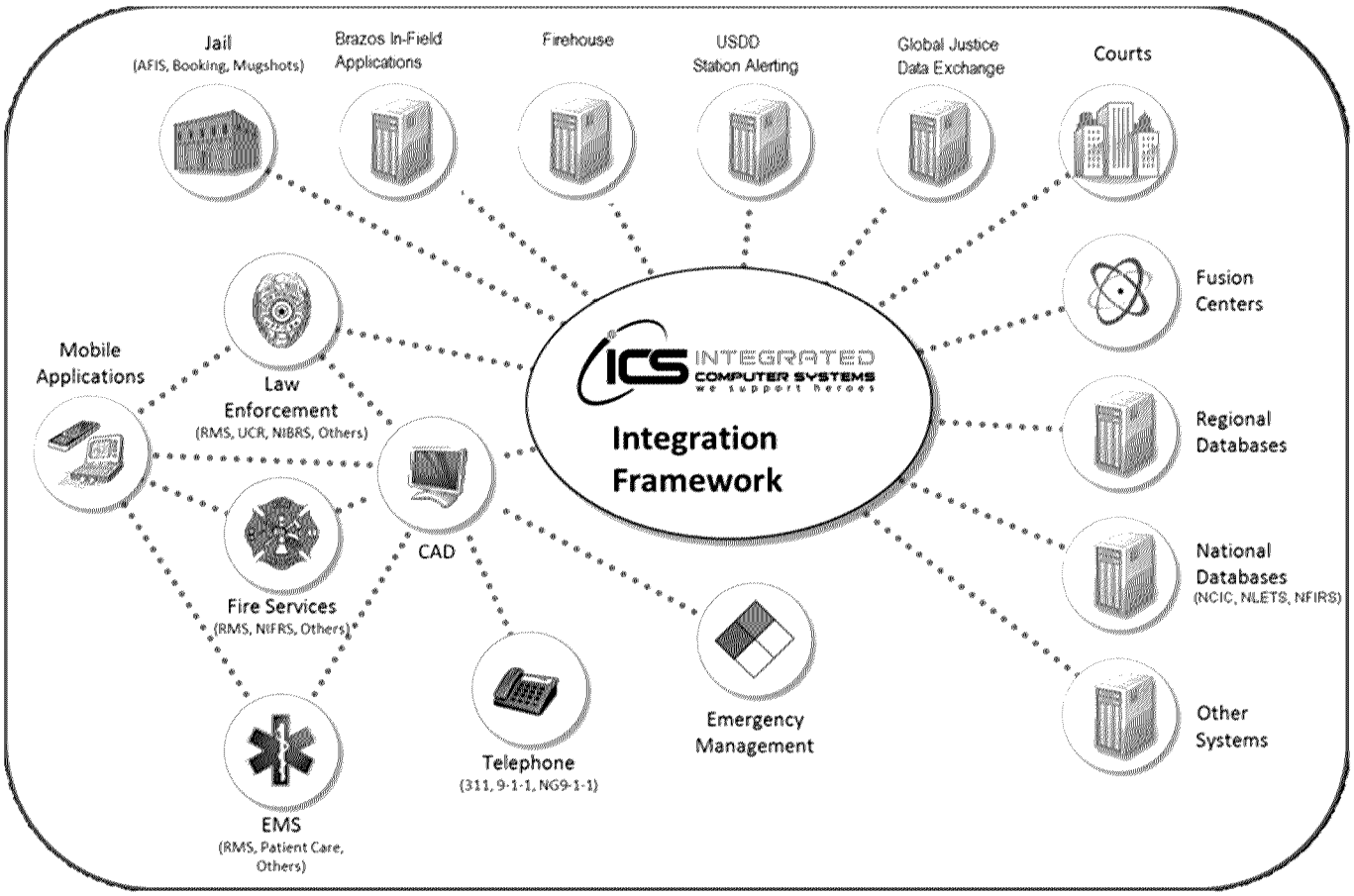
- **On-Site Software Application Specialist**
  Application specialists not only install and support our products, but they perform on-site reviews. These reviews include management guidance, end-user training, disaster recovery plan recommendations, staffing recommendations (management, clerical, and 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:

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- 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

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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.

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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.

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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.

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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.

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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

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	Company	Date
Thomas Baldwin	Integrated Computer Systems, Inc.	4/02/2018

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Attachment C – Safety Record Questionnaire

NOT APPLICABLE

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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)
Go Live Date: 08/21/2012
Population: 62,000
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)
Go Live Date: 5/20/2005
Population: 73,000
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

ICS INTEGRATED COMPUTER SYSTEMS we support heroes

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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:** **Email:**	972-292-6100 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:** **Email:**	972-442-8172 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

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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

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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

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CITY OF DENTON

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.

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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.

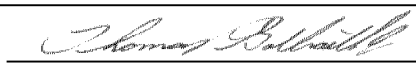
Answer: City of Denton will evaluate proposals based upon the stated requirements in the RFP. Servers outside of the Microsoft SQL Server specifications will not meet these requirements.

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/soliciations-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

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Respondent Compliance

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

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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

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CAD System Specifications

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

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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 note 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	

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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	

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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 trnsactional 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 alow 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)		

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		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 comprhensive 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 proceses 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 acknowledment. 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:	Comply	
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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Spec ID	Importance	Description of Capability	Bidder Response	Bidder Comment
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	

Spec ID	Importance	Description of Capability	Bidder Response	Bidder Comment
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 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	

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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
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 intelli-sense 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 ½ 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 intelli-sense 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
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	

Spec ID	Importance	Description of Capability	Bidder Response	Bidder Comment
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
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	

Spec ID	Importance	Description of Capability	Bidder Response	Bidder Comment
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	

Spec ID	Importance	Description of Capability	Bidder Response	Bidder Comment
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 atttach 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 atttach 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 perfoemed 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
		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	

Spec ID	Importance	Description of Capability	Bidder Response	Bidder Comment
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:	Comply	
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	

Spec ID	Importance	Description of Capability	Bidder Response	Bidder Comment
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	

Spec ID	Importance	Description of Capability	Bidder Response	Bidder Comment
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	

Spec ID	Importance	Description of Capability	Bidder Response	Bidder Comment
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	

Spec ID	Importance	Description of Capability	Bidder Response	Bidder Comment
1626	Mandatory	The system establishes time synchronization in compliance with NENA 04-002, *PSAP Master Clock Standard*.	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 *NENA 04-002, PSAP Master Clock Standard*, 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	

Spec ID	Importance	Description of Capability	Bidder Response	Bidder Comment
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
		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 *Criminal Justice Information Services Security Policy*, 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
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	
1815	Mandatory	Tablet computers	Comply	
1816	Mandatory	Smart phones	Partial Comply or Alternative	In 4th quarter 2018
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	

Spec ID	Importance	Description of Capability	Bidder Response	Bidder Comment
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 idea! 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		

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Mobile Data Specifications

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

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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 Alernative	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	

Spec ID	Importance	Description of Capability Mobile Data General Requirements	Bidder Response	Bidder Comment
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	Requries 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	Requries the installation of an audio player on that mobile device.
MGen-120	Highly Advantageous	Visio	Comply	Requries 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	

Spec ID	Importance	Description of Capability Mobile Data General Requirements	Bidder Response	Bidder Comment
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 Alernative	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	

Spec ID	Importance	Description of Capability Mobile Data General Requirements	Bidder Response	Bidder Comment
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 Alernative	Pre-programmed
MGen-180	Advantageous	Application type	Partial Comply or Alernative	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 sreamlined/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	

Spec ID	Importance	Description of Capability Mobile Data General Requirements	Bidder Response	Bidder Comment
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 Alernative	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 Alernative	
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 Alernative	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 Alernative	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 annunciates 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 *Criminal Justice Information Services Security Policy*, 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 Alernative	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	

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Law RMS Specifications

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

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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 Alernative	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	

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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	

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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 crimina 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	

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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	

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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	
LCmR-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 reocrds.	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 investigation 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 relatec 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 statistica 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 personne 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-definec 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 ar 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 selected 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	
		Labortatory Tracking		
		The abilty 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 (aasigned 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	

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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 autc 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	

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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	

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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	

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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 Alernative	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 Alernative	This is provided by a LexisNexis accident reporting module
LAcc-4	Important	Web based access module (if available)	Partial Comply or Alernative	This is provided by a LexisNexis accident reporting module
LAcc-5	Important	Network connected workstation	Partial Comply or Alernative	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 Alernative	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 Alernative	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 Alernative	This is provided by a LexisNexis accident reporting module
LAcc-16	Important	Printed CRASH forms duplicate the Texas based accident report.	Partial Comply or Alernative	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 Alernative	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 Alernative	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 Alernative	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 Alernative	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 determinec 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				
LFIdI-1	Important	The Field Investigations module can be accessed and updated from a mobile data device.	Comply	
LFIdI-2	Important	The system is capable of associating an investigation to a specific case.	Comply	
		The system maintains the following basic contact information:		
LFIdI-3	Important	Contact date/time	Comply	
LFIdI-4	Important	Contact type	Comply	
LFIdI-5	Important	Contact reason	Comply	
LFIdI-6	Important	Location	Comply	
LFIdI-7	Important	The system has the ability to grade the credibility of each source (e.g., reliable unreliable, unknown)	Comply	
LFIdI-8	Important	The system will associate an investigation with a specific bureau.	Comply	
LFIdI-9	Important	The system will associate an investigation with a specific reporting district.	Comply	
LFIdI-10	Important	The system can identify a contact by master name.	Comply	
LFIdI-11	Important	The system can identify a contact by associated case subject.	Comply	
LFIdI-12	Important	The system will accept and maintain contact vehicle information.	Comply	
LFIdI-13	Important	The system will accept maintain all officers associated with the investigation.	Comply	
LFIdI-14	Important	The system is able to attach multiple documents of various types to an investigation record.	Comply	
LFIdI-15	Important	The system is able to link or group all known associates at a given crimina location.	Comply	
LFIdI-16	Important	The Field Investigations record can be searched and sorted by any field of the record.	Comply	
LFIdI-17	Important	The system allows report data to be exported in ASCII, delimited format.	Comply	
LFIdI-18	Important	The system allows a report to be converted to PDF format.	Comply	
		The system is able to track field investigations by:		
LFIdI-19	Important	Contact type	Comply	
LFIdI-20	Important	Case number	Comply	
LFIdI-21	Important	Contact reason	Comply	
LFIdI-22	Important	Date/date range	Comply	
LFIdI-23	Important	Field investigation number	Comply	
LFIdI-24	Important	Investigating officer	Comply	
LFIdI-25	Important	Contact name	Comply	
LFIdI-26	Important	Location	Comply	

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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 Alernative	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 determinec 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-definec 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				
LDAnl-1	Mandatory	The system provides a configurable dashboard for use by administrative or leadership personnel.		
LDAnl-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
LDAnl-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:		
LDAnl-4	Mandatory	Statistical	Comply	
LDAnl-5	Mandatory	Operational	Comply	
LDAnl-6	Mandatory	Investigative	Comply	
LDAnl-7	Mandatory	Administrative	Comply	
LDAnl-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:		
LDAnl-9	Important	Save and Edit the query at a later date	Comply	
LDAnl-10	Mandatory	Export to one of the supported formats (e.g., Excel, XML, CSV, text)	Comply	
LDAnl-11	Mandatory	Plot data on a map	Comply	Through our Crime Analysis module
LDAnl-12	Mandatory	Generate and Print the final report	Comply	
LDAnl-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:		
LDAnl-14	Important	Font	Comply	
LDAnl-15	Important	Color	Comply	
LDAnl-16	Important	Alignment	Comply	
LDAnl-17	Important	Titles and Subtitles	Comply	
LDAnl-18	Important	Graphics (e.g., agency logo)	Comply	
LDAnl-19	Important	The system supports electronic transfer of reports.	Comply	
LDAnl-20	Important	The system provides customizable pull-down menus that allow users to select data to query.	Comply	
LDAnl-21	Important	The software supports pin-mapping.	Comply	Through our Crime Analysis module
		The software supports plotting incidents on a map to show:		
LDAnl-22	Important	Incidents near specific businesses, such as liquor stores	Comply	
LDAnl-23	Mandatory	Incidents near specific street, cross streets, stop lights, etc.	Comply	
LDAnl-24	Mandatory	Incidents near specific schools	Comply	
LDAnl-25	Mandatory	Incidents in specific user defined geographic area	Comply	
LDAnl-26	Mandatory	Incidents by type	Comply	
LDAnl-27	Mandatory	Incidents by date/time	Comply	
LDAnl-28	Mandatory	The system is able to display detailed information about an incident by using mouse-over of the map icon.	Comply	
LDAnl-29	Mandatory	The system provides the ability to zoom and pan.	Comply	
LDAnl-30	Mandatory	The system is able to apply multiple map layers for more details.	Comply	
LDAnl-31	Mandatory	The system can generate a density map to display the results of inquiries.	Comply	
LDAnl-32	Mandatory	The system can generate a hot spot map to show high crime areas.	Comply	
LDAnl-33	Mandatory	The system is capable of exporting data to third party applications.	Comply	
		The system is able to map crime trends by:		
LDAnl-34	Mandatory	M.O.	Comply	
LDAnl-35	Mandatory	Location	Comply	
LDAnl-36	Mandatory	Subject	Comply	
LDAnl-37	Mandatory	Weapon	Comply	
		The software provides an agency-defined list of topics located in the drop down menus, including:		
LDAnl-38	Important	Accidents	Comply	
LDAnl-39	Important	Incidents	Comply	
LDAnl-40	Important	Cases	Comply	
LDAnl-41	Important	Offenses	Comply	
LDAnl-42	Important	Arrests	Comply	
LDAnl-43	Important	Warrants	Comply	
LDAnl-44	Important	Tickets/Citations	Comply	
LDAnl-45	Important	Jackets	Comply	
LDAnl-46	Important	Evidence	Comply	
LDAnl-47	Important	Quick Calls	Comply	
LDAnl-48	Important	Property	Comply	
LDAnl-49	Important	Case Subjects	Comply	
LDAnl-50	Important	Fire Incidents	Comply	
LDAnl-51	Important	Bookings	Comply	
LDAnl-52	Important	Field Investigations	Comply	
		The system allows users to specify information such as, but not limited to, the following:		
LDAnl-53	Important	Date and Date Ranges	Comply	
LDAnl-54	Important	Time and Time Ranges	Comply	
LDAnl-55	Important	ORIs	Comply	
LDAnl-56	Important	Address and Address Ranges	Comply	
LDAnl-57	Important	Types	Comply	
LDAnl-58	Important	Maps	Comply	
LDAnl-59	Important	Specific Beats	Comply	
LDAnl-60	Mandatory	The system has the ability to name and save a query.	Comply	
LDAnl-61	Mandatory	The system has the ability to access a saved query.	Comply	
LDAnl-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				
LFldR-1	Mandatory	The software supports entry of field activity from the mobile device.	Comply	
LFldR-2	Mandatory	The system supports address verification in the field reporting module.	Comply	
		Field activity includes the entry and update to:		
LFldR-3	Mandatory	Accidents	Comply	We import this data from Lexis/Nexis
LFldR-4	Mandatory	Arrests	Comply	
LFldR-5	Mandatory	Cases	Comply	
LFldR-6	Mandatory	Contact cards	Comply	
LFldR-7	Mandatory	Field investigations	Comply	
LFldR-8	Mandatory	Incidents	Comply	
LFldR-9	Mandatory	Supplements	Comply	
LFldR-10	Mandatory	Tickets	Comply	We import this data from Brazos
LFldR-11	Mandatory	User-defined forms	Partial Comply or Alernative	Extract data and populate Microsoft Word templates
LFldR-12	Important	Field investigations/contact cards are included in the review process.	Comply	
LFldR-13	Mandatory	The forms and reports merge (into RMS) process is agency-defined.	Comply	The apps are web-based so uploads are not required.
LFldR-14	Mandatory	The software has the ability to add business logic to form entry.	Partial Comply or Alernative	Agency can control required fields, hidden fields, field labels, e
LFldR-15	Mandatory	The software supports an Incident Based Reporting (IBR) compliant data schema.	Comply	
LFldR-16	Mandatory	The printed output from field report type is agency configurable.	Comply	
LFldR-17	Mandatory	The software is able to use a scanned image as a background for the report.	Comply	
LFldR-18	Mandatory	The software allows an officer to review the report for errors and warnings before submitting to a supervisor.	Comply	
LFldR-19	Mandatory	The software supports supervisor review.	Comply	
		The software allows for upload of officer reports using the following:		
LFldR-20	Important	Removable/Portable media (USB drives)	Partial Comply or Alernative	The apps are web-based so uploads are not required.
LFldR-21	Mandatory	Wireless (RF) over any protocol and network (RF, GPRS, IPMobileNet, Cellular)	Partial Comply or Alernative	The apps are web-based so uploads are not required.
LFldR-22	Mandatory	If connectivity is lost, data entered on forms is stored for later recall and upload once connectivity is restored.	Comply	
LFldR-23	Important	The software supports printing of a Field Report prior to being merged into the RMS database.	Comply	
LFldR-24	Mandatory	The software allows an authorized user to merge officer reports into an existing Records Management Database.	Comply	
LFldR-25	Important	The software provides a clipboard function that allows a user to enter and maintain notes as needed.	Does Not Comply	
LFldR-26	Important	The clipboard function stores data in folders as configured by the user.	Does Not Comply	
LFldR-27	Important	Data in the clipboard function can be deleted as desired by the user.	Does Not Comply	
LFldR-28	Important	Data in the clipboard function can be added to forms of system modules using cut and-paste.	Does Not Comply	
LFldR-29	Important	The software attaches a copy of the report into the RMS as a PDF.	Comply	
LFldR-30	Important	The software attaches a copy of all supplements into the RMS as a PDF.	Comply	
LFldR-31	Important	The software supports the retention of an exact copy of an officers report, as it existed when approved.	Comply	
LFldR-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 Alernative	Code table are always current due to this app being web base
LFldR-33	Important	The software supports field reporting access security at the user level.	Comply	
LFldR-34	Important	The software supports field reporting access security at the device level .	Comply	
LFldR-35	Important	The software supports field reporting access security at the function level.	Comply	
LFldR-36	Mandatory	Incomplete reports can be completed on any other device that has the field basec reporting software installed.	Comply	
LFldR-37	Mandatory	The software supports narrative text entry with spell checker.	Comply	
LFldR-38	Mandatory	The software has automatic spell check.	Comply	
LFldR-39	Important	An authorized user can enable and disable automatic spell check by command.	Comply	
LFldR-40	Important	The software is table-driven.	Comply	
LFldR-41	Mandatory	All field reporting drop down lists utilize common data with for common fields ir other RMS modules and do not require separate entry	Comply	
LFldR-42	Mandatory	All field reporting drop down lists remain in sync with common data lists throughou the application.	Comply	
LFldR-43	Important	The merge process supports merging one record at a time.	Comply	
LFldR-44	Important	The system automatically populate the fields in the RMS database during the merge process.	Comply	
LFldR-45	Important	The system provides the ability to enter and complete accident diagrams.	Comply	Any drawing can be attached
LFldR-46	Important	Accident diagrams are accessible from the Field Reporting module and from RMS.	Comply	
LFldR-47	Important	An authorized user can configure default values and text that is available based on any report field.	Comply	
LFldR-48	Mandatory	The system supports agency-defined data entry screens for all field reports.	Comply	
LFldR-49	Mandatory	The system supports multiple report types for each incident allowing separate screens for specific report types.	Partial Comply or Alernative	We provide narrative templates that are automatically populat
LFldR-50	Mandatory	The system supports text cut-and-paste between sections of a report.	Comply	
LFldR-51	Mandatory	The system supports text cut-and-paste between sections of different reports.	Comply	
LFldR-52	Mandatory	The system supports text cut-and-paste between modules of the application.	Comply	
LFldR-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 populat
LFldR-54	Important	The system is capable of in-vehicle printing.	Comply	
LFldR-55	Important	The system allows the entry notations on every form and field as needed.	Comply	
LFldR-56	Important	The system supports touch screen functionality.	Comply	
LFldR-57	Important	The system allows the definition of business rules on any form.	Does Not Comply	These are defined by user community consensus.

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LFldR-58	Important	The system the use of client installed forms.	Comply	
LFldR-59	Important	The system the use of Web-based forms.	Comply	
LFldR-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	
LFldR-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	
LFldR-62	Important	The software supports encryption during all processes both on the local client and over the wireless network.	Comply	
LFldR-63	Important	Any form that is built or scanned into the field reporting software is able to prin with the appropriate data.	Comply	

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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	

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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	

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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	

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Fire RMS Specifications

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

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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 CAD 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 optiona 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 avaible. 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 statistica 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 avaible. 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 avaible. 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 avaible. 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 customize the results.
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 local testing capabilities.
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 local testing capabilities.
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 local testing capabilities.
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
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 local testing capabilities.
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 local testing capabilities.
		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 personne 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
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 personne	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 individua	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 Completec	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 Description	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 personne	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	
		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 Cetifications
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 rosters	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 individua	Comply	
PT-196	Highly Advantageous	All certifications held by an individua	Comply	
PT-197	Highly Advantageous	All qualifications held by an individua	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 individua	Comply	
PT-202	Highly Advantageous	All training by type held by an individua	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 boarc	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 use defined date range	Comply	
PT-209	Highly Advantageous	The system will be able to display and print training summary by agency for a use 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 rejectior	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 certifications	Comply	
PT-256	Highly Advantageous	An authorized user can manually add previously attained qualifications	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 detai	Comply	
		Education history detail includes, but not limited to:		
PT-264	Highly Advantageous	School	Comply	Can be added via Certificaions
PT-265	Highly Advantageous	Number of units / credits	Comply	Can be added via Certificaions
PT-266	Highly Advantageous	Years attended	Comply	Can be added via Certificaions
PT-267	Highly Advantageous	Degree(s) attained	Comply	Can be added via Certificaions
PT-268	Highly Advantageous	Special skills / qualifications	Comply	Can be added via Certificaions
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 certifications	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 programs	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 programs	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 availabe, 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 availabe, 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 tc 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 .xm	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 individua 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
NFIRS-33	Highly Advantageous	Ability to prompt user for additional information or reports required based on the type of incident or incident code.	Comply	
		Ability to capture dispatch and unit status time stamps from CAD, including:		
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 availabe.
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 availabe, 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 availabe 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 transmittec	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 systems 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 initiatied 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 approvec	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	

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 oders 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 fo 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 requirment 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 requirment of NFIRS or NEMSIS.
FMNI-16	Highly Advantageous	SID	Does Not Comply	Not a requirment of NFIRS or NEMSIS.
FMNI-17	Highly Advantageous	Local ID number	Does Not Comply	Not a requirment 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 requirment of NFIRS or NEMSIS.
FMNI-24	Highly Advantageous	Hair color	Does Not Comply	Not a requirment of NFIRS or NEMSIS.
FMNI-25	Highly Advantageous	Hair length	Does Not Comply	Not a requirment of NFIRS or NEMSIS.
FMNI-26	Highly Advantageous	Hair style	Does Not Comply	Not a requirment of NFIRS or NEMSIS.
FMNI-27	Highly Advantageous	Eye color	Does Not Comply	Not a requirment of NFIRS or NEMSIS.
FMNI-28	Highly Advantageous	Complexion	Does Not Comply	Not a requirment 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 requirment of NFIRS or NEMSIS.
FMNI-32	Highly Advantageous	10 Print ID Number (Unique, System generated, Subject ID Number)	Does Not Comply	Not a requirment of NFIRS or NEMSIS.
FMNI-33	Highly Advantageous	Known associates, linked back to MNI	Does Not Comply	Not a requirment 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 requirment of NFIRS or NEMSIS.
FMNI-37	Highly Advantageous	Chronology of the changes to be tracked for an individual	Does Not Comply	Not a requirment of NFIRS or NEMSIS.
FMNI-38	Highly Advantageous	Use caution flag	Does Not Comply	Not a requirment 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 requirment of NFIRS or NEMSIS.
FMNI-40	Highly Advantageous	Addresses, with user-defined types, e.g., home, work	Does Not Comply	Not a requirment 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 requirment of NFIRS or NEMSIS.
FMNI-42	Highly Advantageous	Employer information	Does Not Comply	Not a requirment of NFIRS or NEMSIS.
FMNI-43	Highly Advantageous	Emergency contact information	Does Not Comply	Not a requirment of NFIRS or NEMSIS.
FMNI-44	Highly Advantageous	School information	Does Not Comply	Not a requirment 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 requirment of NFIRS or NEMSIS.
FMNI-46	Highly Advantageous	Witness	Comply	Not a requirment of NFIRS or NEMSIS, though people can be attached to an incident report.
FMNI-47	Highly Advantageous	Suspect	Does Not Comply	Not a requirment of NFIRS or NEMSIS.
FMNI-48	Highly Advantageous	Associate	Comply	Not a requirment of NFIRS or NEMSIS, though people can be attached to an incident report.
FMNI-49	Highly Advantageous	Relative	Comply	Not a requirment of NFIRS or NEMSIS, though people can be attached to an incident report.
FMNI-50	Highly Advantageous	Arrestee	Does Not Comply	Not a requirment of NFIRS or NEMSIS.
FMNI-51	Highly Advantageous	Person of interest	Does Not Comply	Not a requirment of NFIRS or NEMSIS.
FMNI-52	Highly Advantageous	Owner	Comply	Not a requirment of NFIRS or NEMSIS, though people can be attached to an incident report.
FMNI-53	Highly Advantageous	Driver	Comply	Not a requirment of NFIRS or NEMSIS, though people can be attached to an incident report.
FMNI-54	Highly Advantageous	Passenger	Comply	Not a requirment of NFIRS or NEMSIS, though people can be attached to an incident report.
FMNI-55	Highly Advantageous	Pedestrian	Comply	Not a requirment of NFIRS or NEMSIS, though people can be attached to an incident report.

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 availabe 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 conscept 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 availabe 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 availabe 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 tands 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.

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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.

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

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				
FInsp-1	Highly Advantageous	The ability to access Fire Inspection module from mobile device (e.g. tablet, MCT, laptop)	Comply	
FInsp-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	
FInsp-3	Highly Advantageous	The system integrates all inspection information with the master location/building file	Comply	
FInsp-4	Highly Advantageous	The system tracks multi-use occupancies	Comply	Master - Tenant Tools exist in the Emergency Reporting solution
		Complaints for inspection information		
FInsp-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:		
FInsp-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.
FInsp-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.
FInsp-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.
FInsp-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.
FInsp-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.
FInsp-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.
FInsp-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.
FInsp-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.
FInsp-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.
FInsp-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.
FInsp-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.
FInsp-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.
FInsp-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.
FInsp-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		
FInsp-20	Highly Advantageous	The system manages fire inspection occupancy principals	Comply	
		Management of fire inspection occupancy principals information includes, but is not limited to:		
FInsp-21	Highly Advantageous	Business name	Comply	
FInsp-22	Highly Advantageous	Name of the business owner	Comply	
FInsp-23	Highly Advantageous	Telephone number of the business owner	Comply	
FInsp-24	Highly Advantageous	Full address of business owner	Comply	
FInsp-25	Highly Advantageous	Name of emergency contact for the business (multiple)	Comply	
FInsp-26	Highly Advantageous	Emergency contact telephone number (multiple)	Comply	
FInsp-27	Highly Advantageous	Type of emergency contact	Comply	
FInsp-28	Highly Advantageous	Building / property owner	Comply	
FInsp-29	Highly Advantageous	Telephone number of the property owner	Comply	
FInsp-30	Highly Advantageous	Full address of property owner	Comply	
FInsp-31	Highly Advantageous	Comments	Comply	
FInsp-32	Highly Advantageous	The system manages fire inspections by inspection district	Comply	Occupancy Zones and/or Stations
FInsp-33	Highly Advantageous	The system attaches pre-incident plans to occupancy files	Comply	
FInsp-34	Highly Advantageous	The system supports the entry of exact addresses specific to the apartment / suite level	Comply	
FInsp-35	Highly Advantageous	The system supports the entry of unlimited contact information for each locatior (e.g., landlord name, address, telephone, management company name, address, telephone)	Comply	
FInsp-36	Highly Advantageous	The system records an unlimited number of "special circumstances" regarding a location (e.g., Building Inspection information, unique characteristics)	Comply	
FInsp-37	Highly Advantageous	The system supports the entry of unlimited number of violations	Comply	
FInsp-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.
FInsp-39	Highly Advantageous	The system supports the entry of unlimited number of citations	Comply	
FInsp-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.

FInsp-41	Highly Advantageous	The system displays the plain English description for violation codes in addition to the code	Comply	
FInsp-42	Highly Advantageous	The system allows the designation of inspection responsibility by station area for each address	Comply	
FInsp-43	Highly Advantageous	The system allows the scheduling of follow-up inspections	Comply	
FInsp-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	
FInsp-45	Highly Advantageous	The system is able to print out re-inspection schedules on a daily, weekly, or monthly basis	Comply	
FInsp-46	Highly Advantageous	The system is able to print out inspection schedules for individual station or all stations	Comply	
FInsp-47	Highly Advantageous	The system is able to generate form letters documenting specific violations with date of scheduled re-inspection	Comply	
FInsp-48	Highly Advantageous	The system is able to view online and print out history of prior violations for any address	Comply	
FInsp-49	Highly Advantageous	The system allows an inspection record to be viewed online without making any changes to record	Comply	
FInsp-50	Highly Advantageous	The system records the name and ID of the inspector and the date and time for each inspection performed	Comply	
FInsp-51	Highly Advantageous	The system is able to record results of violation re-inspection	Comply	
FInsp-52	Highly Advantageous	The system is able to record fines for non-compliance	Comply	
FInsp-53	Highly Advantageous	The system is capable of printing out a complete inspection report	Comply	
FInsp-54	Highly Advantageous	The system records the name and operator ID of anyone making changes to inspection record	Comply	
FInsp-55	Highly Advantageous	The system supports the ability to perform inspections in the field and upload results to main system	Comply	
FInsp-56	Highly Advantageous	The system is able to associate a scanned image (e.g. "pre-fire plan") to a location	Comply	
FInsp-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		
FInsp-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.
FInsp-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	
FInsp-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.
FInsp-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		
FInsp-62	Highly Advantageous	The system tracks inspection activity	Comply	
		The track inspection activity information includes:		
FInsp-63	Highly Advantageous	Notes on the type of inspection	Comply	
FInsp-64	Highly Advantageous	The hours spent	Comply	
FInsp-65	Highly Advantageous	The results of the inspection	Comply	
		Inspection activity can be tracked by:		
FInsp-66	Highly Advantageous	Address	Comply	
FInsp-67	Highly Advantageous	Time inspection started	Comply	
FInsp-68	Highly Advantageous	Time inspection ended	Comply	
FInsp-69	Highly Advantageous	Amount of time spent on inspection	Comply	
FInsp-70	Highly Advantageous	Assigned to	Comply	
FInsp-71	Highly Advantageous	Business name	Comply	
FInsp-72	Highly Advantageous	Completed by	Comply	
FInsp-73	Highly Advantageous	Date	Comply	
FInsp-74	Highly Advantageous	Disposition of the inspection	Comply	
FInsp-75	Highly Advantageous	ID number of the inspector (multiple)	Comply	
FInsp-76	Highly Advantageous	Number of violations cleared	Comply	
FInsp-77	Highly Advantageous	Number of violations issued	Comply	
FInsp-78	Highly Advantageous	Occupancy number	Comply	
FInsp-79	Highly Advantageous	Occupancy type	Comply	
FInsp-80	Highly Advantageous	Remarks	Comply	
FInsp-81	Highly Advantageous	Re-inspection date	Comply	
FInsp-82	Highly Advantageous	Type of inspection	Comply	
FInsp-83	Highly Advantageous	The system is able to select violation codes from agency-defined drop down lists	Comply	
FInsp-84	Highly Advantageous	The system is able to access and update inspection records from any workstation (mobile, desktop, etc.)	Comply	
FInsp-85	Highly Advantageous	An inspection report can indicate whether additional technical/HAZMAT inspection is required	Comply	
FInsp-86	Highly Advantageous	The system is able to update contact information during an inspection	Comply	
FInsp-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.
FInsp-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:		
FInsp-89	Highly Advantageous	Outstanding violations	Comply	
FInsp-90	Highly Advantageous	Cleared	Comply	
FInsp-91	Highly Advantageous	Completed	Comply	
FInsp-92	Highly Advantageous	Other	Comply	
FInsp-93	Highly Advantageous	The system maintains a master table associated with fire statutes and codes	Does Not Comply	
FInsp-94	Highly Advantageous	The system tracks most frequently sited violations for a given time period	Comply	
		Inspection Schedule		
FInsp-95	Highly Advantageous	The system is able to create and track inspection schedule for fire prevention staff	Comply	

		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., betweer 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 refrenced 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 inspectior	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	

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,*Vendor should note requirements to accomplish this or limitations that may be of impact in the comments*	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 duplicatec	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	

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 data	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	

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	

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		

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:		

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 ou 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.

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	

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	

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 manangement 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 inspectior 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	

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	

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Remote CAD

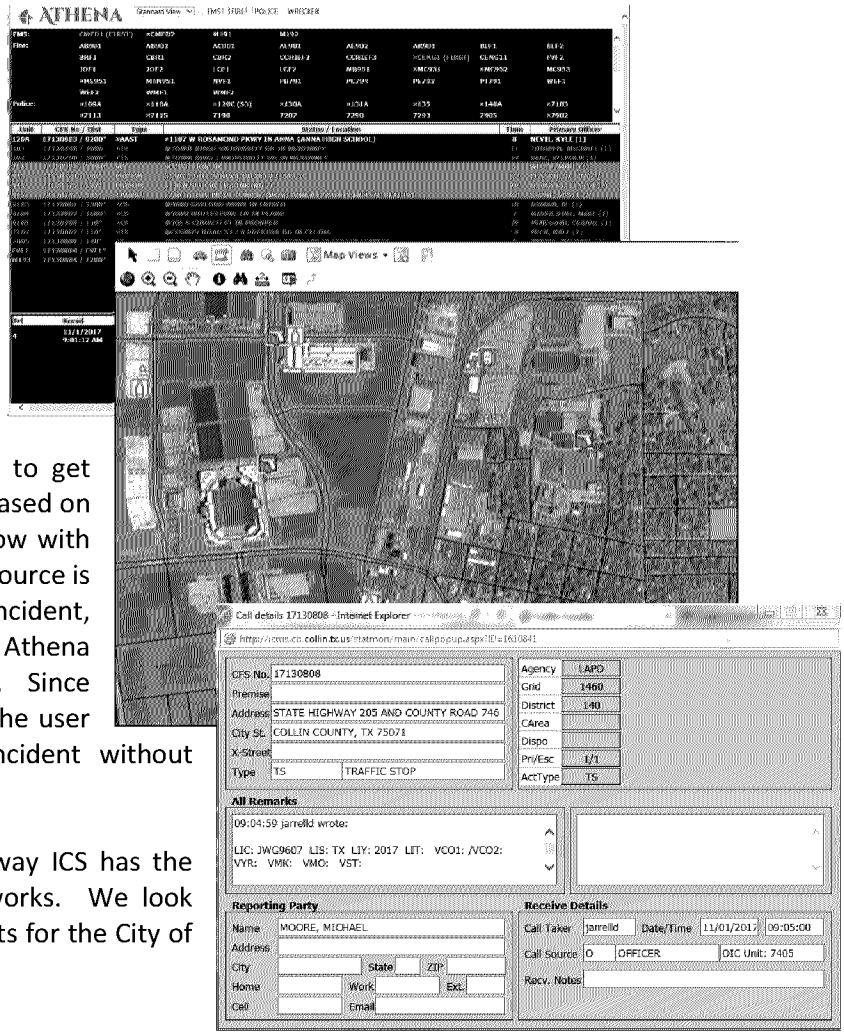
An Athena communications center will have the latest CAD and geo-centric products to direct resources in the shortest possible time. However, the power of CAD must also be available for remote dispatch sites, incident commanders, officers on the beat, and even select individuals with a browser. This 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 its happening. Individuals can use their Android or iOS devises 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 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.

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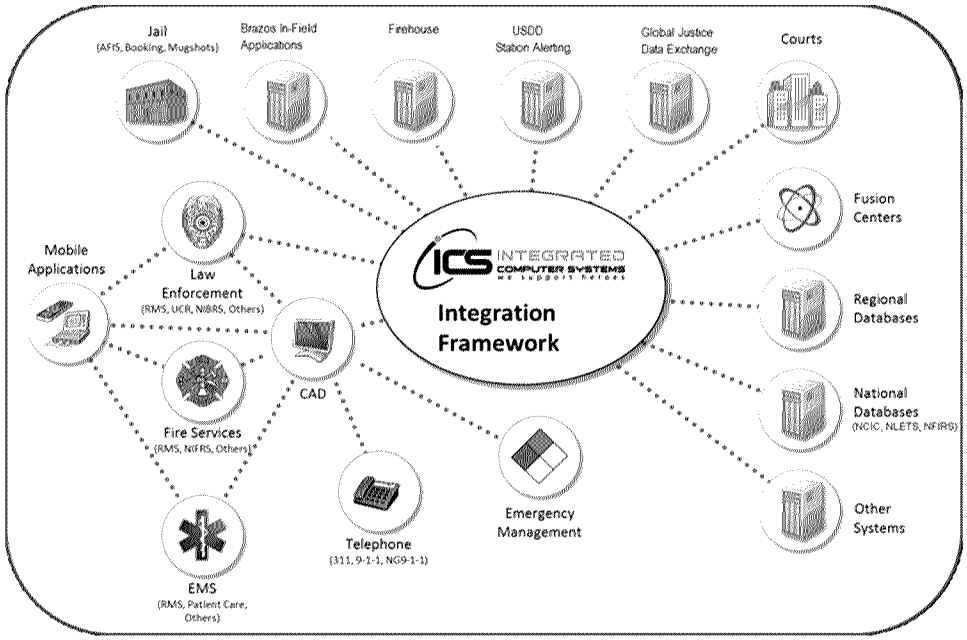
Data Entry

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.

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Arrest, Booking and Jail Management

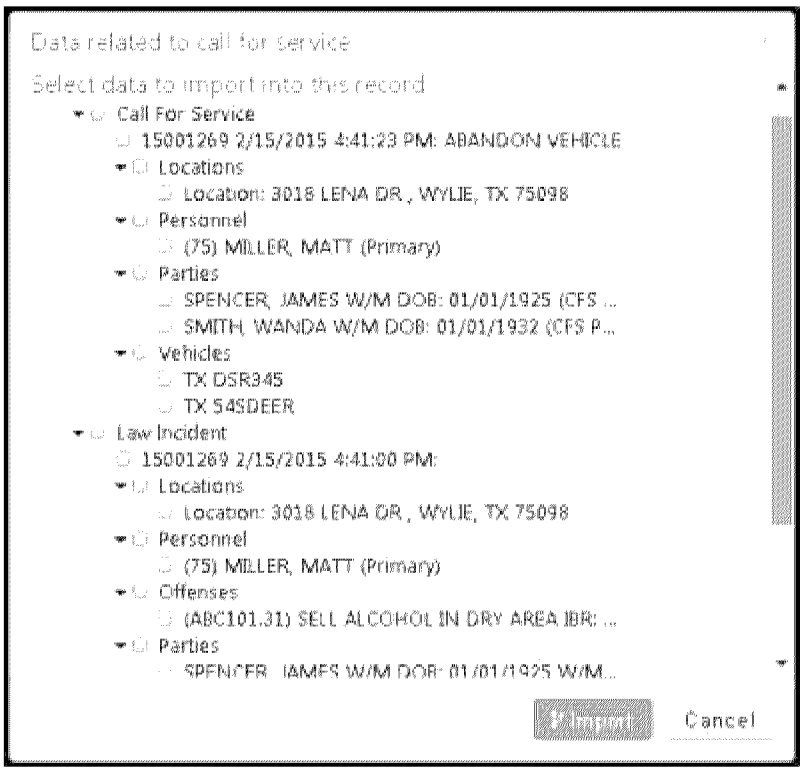
ICS offers an extremely flexible incarceration process (enter the incident, arrest and/or booking information in any order). Whether you have no cells or run a county prison, this easy-to-use system allows the officer/jailer to quickly process an inmate by importing information from the call, arrest,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

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

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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.

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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.

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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

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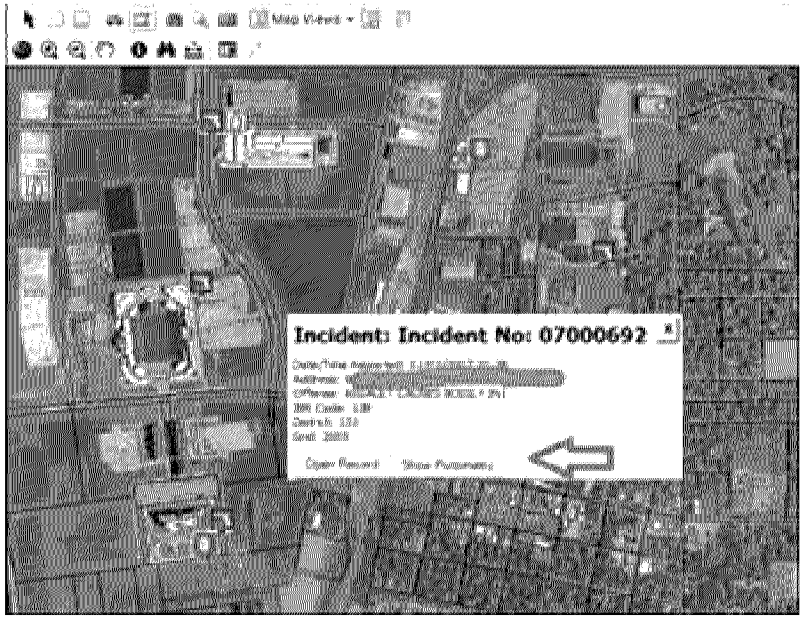
Crime Analytics

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

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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.

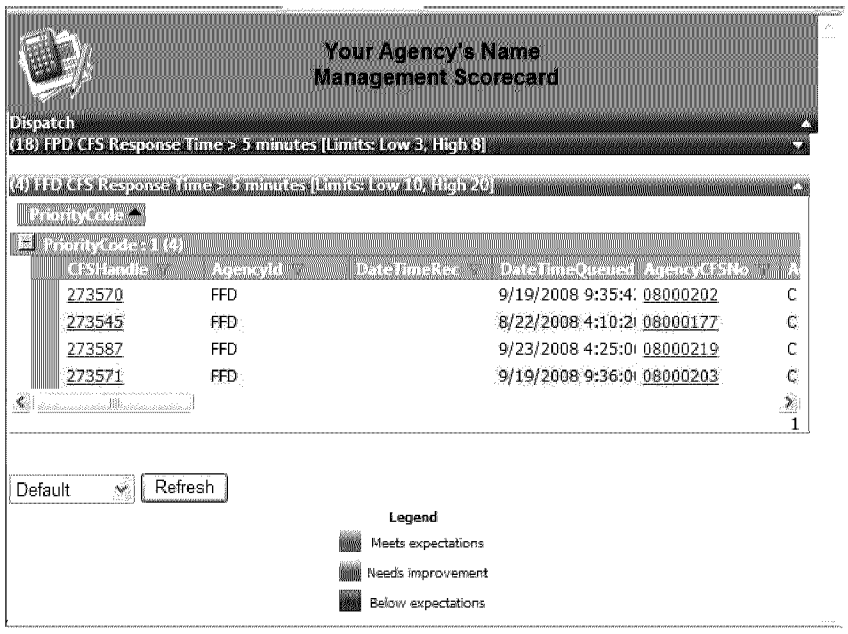
- ***Ease of Use*** - Unlike generic report writers, IQ has been customized specifically for your public safety database. You do not have to tell IQ how to get the data. You simply tell it what you want, and it will figure out how to get it. Everyone in the agency from the chief to the receptionist can 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.

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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.

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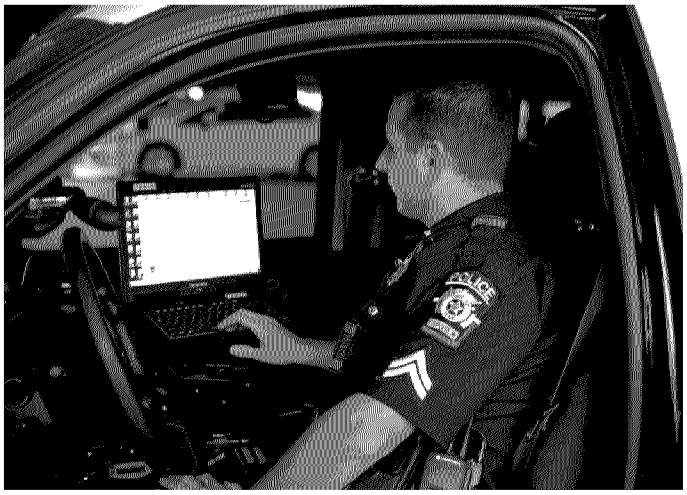
Racial Profiling

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.

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

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

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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:

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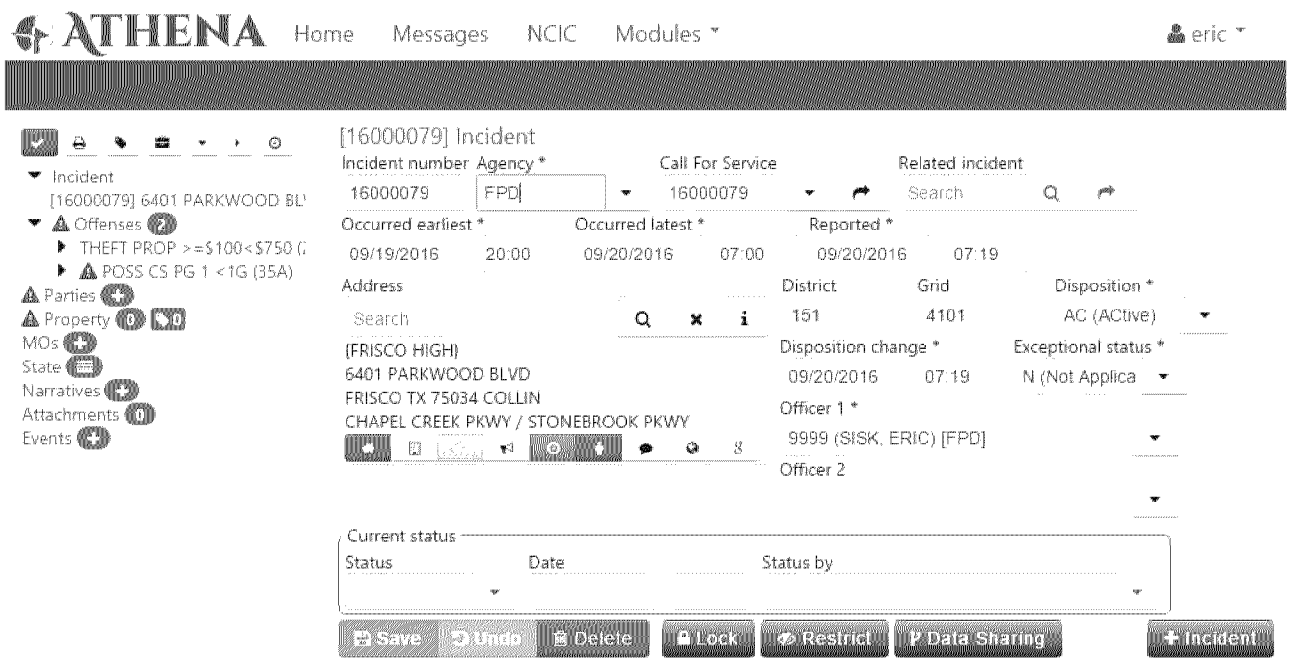
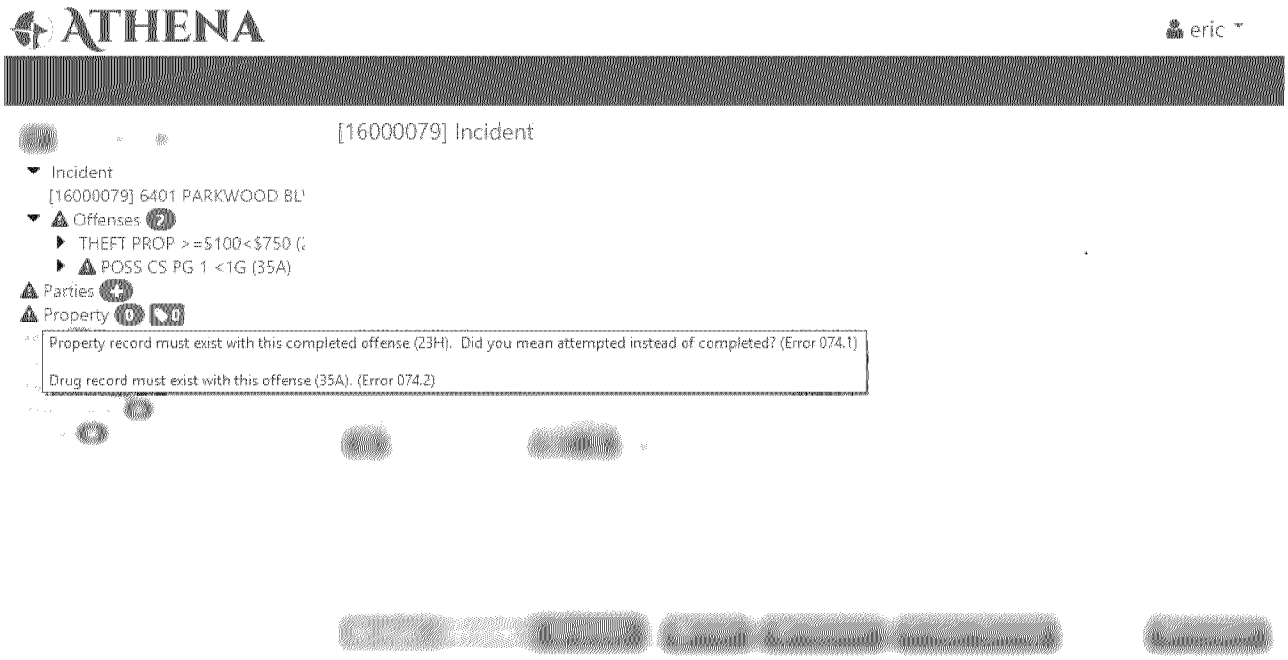


The officer notices the display of warning symbols ⚠ on the left side of the screen. Those were not there last month when the agency submitted UCR. With the decision to use IBR, the switch in RMS was transparent. The software knows the requirements for offense type and helps the user enter correct information.

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 competed?"* The program also gives the error code in the IBR codebook for further



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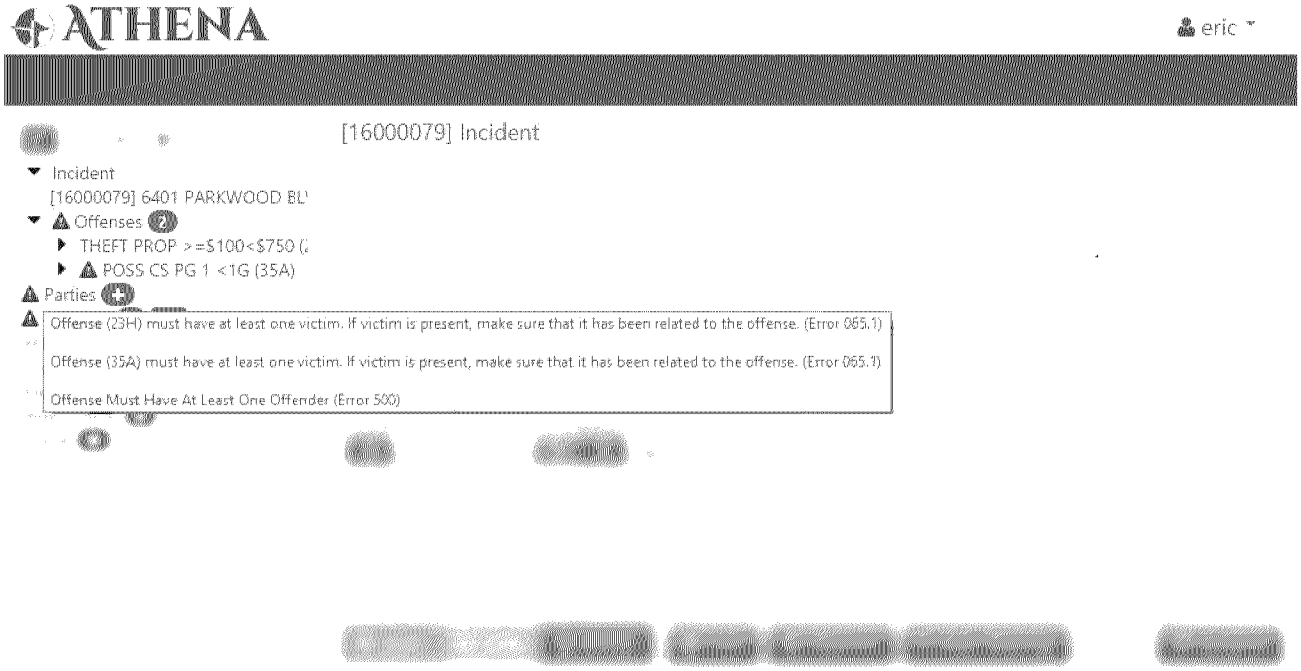
The officer decides to either show the offense as "attempted" if no property was stolen or enter property information in the system to satisfy the IBR requirement. He also sees that the second offense of "Possession" requires entry of a drug record, so he makes the entry.

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.

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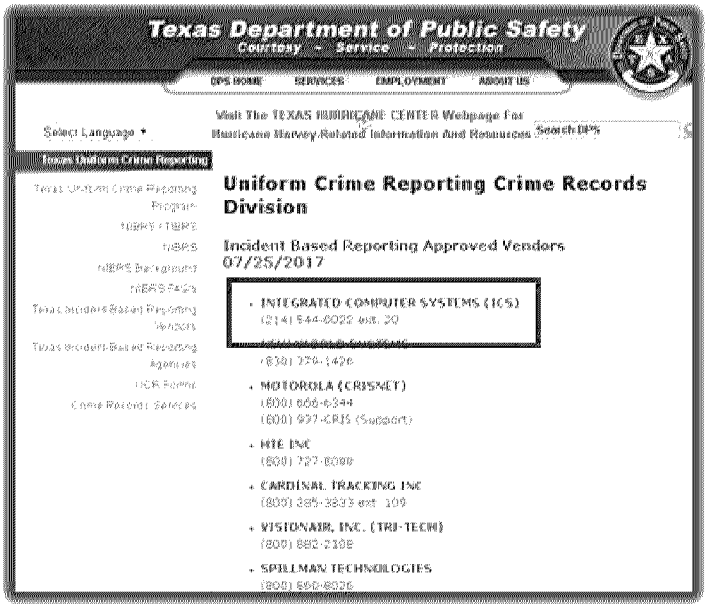
ICS was one of the first companies in Texas to meet the stringent requirements and is listed at the top of the Texas Department of Public Safety approved vendor list.

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

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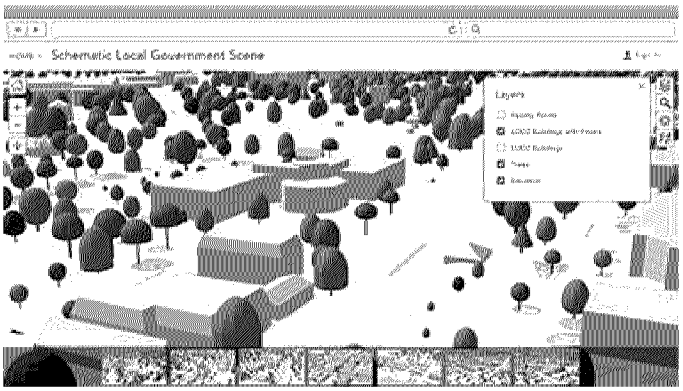
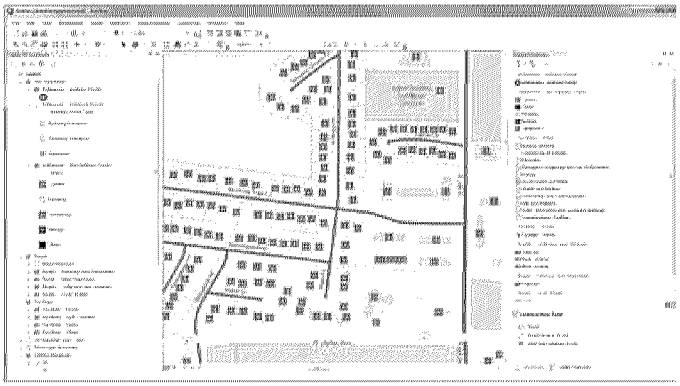
ESRI Features and Runtimes

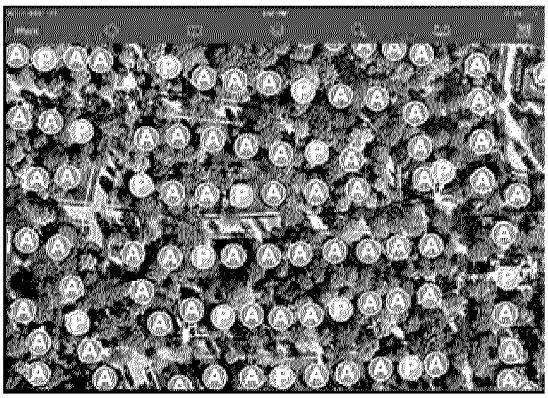
3D Basemaps – ESRI ArcGIS Pro can be used to author high-quality 3D scenes. These scenes are organized in different levels of detail and derived from 2D operational data managed by the GIS department.



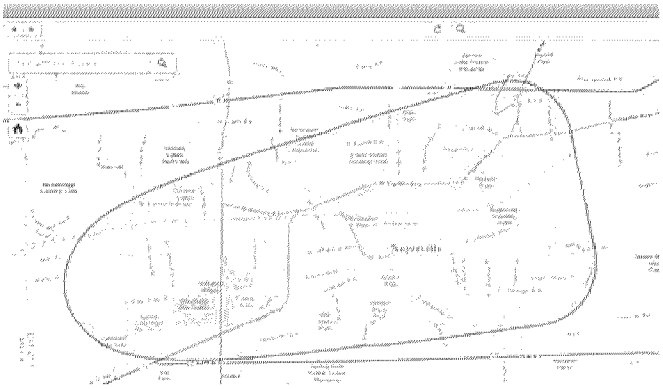
Address Data Management – A configuration of the ArcMap can be used by mapping technicians to collect and manage road centerlines with address ranges, facilities, site addresses, and related mailing address data. This can also be used by mapping technicians to inventory intersections, roads, and physical 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.



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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.

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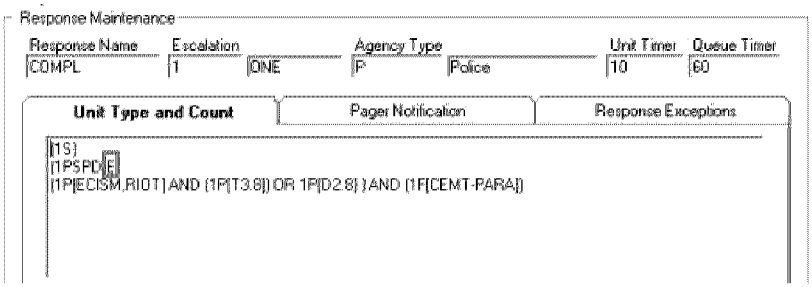
For example, response package "A" with an Escalation level of "1" can request 1 police unit plus one ambulance from the district OR 1 ambulance from Corinth and 1 Quint, OR one ambulance from Lewisville with a ATLS certified paramedic equipped with a defibrillator that can arrive in 3.8 minutes or less.



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.

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

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.

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.

ATHENA
Ultimate Products
EMPOWERING HEROES

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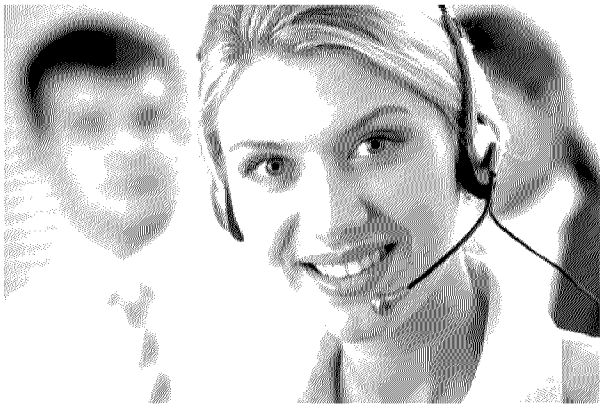
CAD System Emergency Maintenance

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:

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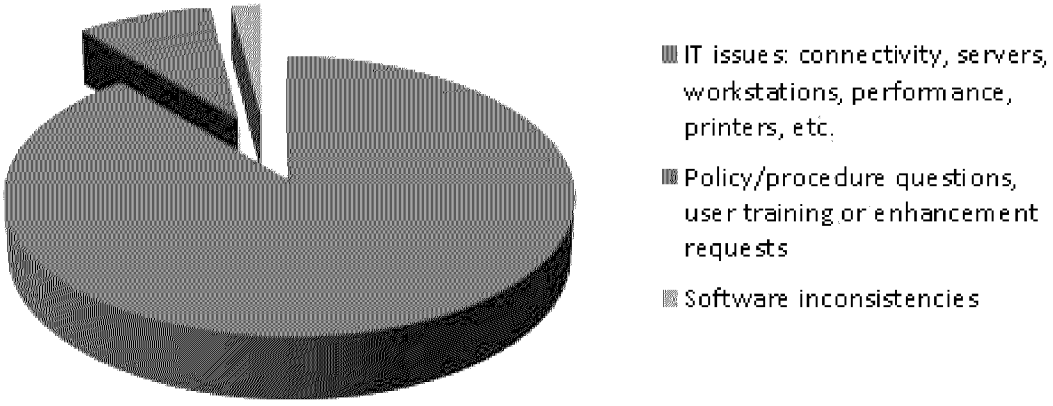
As you can see from this chart, our products are extremely reliable, and our users rely on us for almost everything. That is the way we like it. We want your users and IT staffs to depend on us when they have minor questions or when their equipment has failed. ICS is viewed by our clients as a business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



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.

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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:

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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.

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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-

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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	
RESPONSIBILITY	*STANDARD PRODUCT*
Support Rep	*0 MIN*
Second Contact	*15. MIN*
1st Level Manager	*30. MIN*
2nd Level Manager	*45. MIN*
3rd Level Manager	*60. MIN*

Table 1: Call Assignment Auto-Escalation Table.

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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

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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).

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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.

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- 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

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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
Bidder's 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.

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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

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)		$ -	$ -	$ -		
Total before discount			$ 402,340.00			
Discount		$ -	$ 162,947.00	$ -		
Total:			$ 239,393.00			
Warranty Period (min one year)		NC	NC	NC	Included with initial licensing	
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	$ -		

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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			
Discount		$ -	$ 330,783.75	$ -		
Total:			$ 485,966.25			
SW Warranty Period (min. 1 year)		NC	NC	NC	Included with initial licensing	
Maintenance Year 1		$ -	$ 68,607.00	$ -		
Maintenance Year 2		$ -	$ 70,665.21	$ -		
Maintenance Year 3		$ -	$ 72,785.17	$ -		
Maintenance Year 4		$ -	$ 74,968.72	$ -		
Maintenance Year 5		$ -	$ 77,217.78	$ -		
Maintenance Total:			$ 364,243.88			

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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 – Vesta® 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.	
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.	**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.**
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-int)	
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	$ -	$ -	$		

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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	$	$ -	$	Included in price entered on line 119	
Tyler Technologies INCODE municipal court software	1	$ 42,500.00	$ 42,500.00	$		
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	$		
HugherGround data logging recorder	NA	$	$ -	$	Included in price entered on line 110	
ePCR software				$		**Duplicate of row 115**
Other Interface(s) (Please describe)		$ -	$ -	$ -		
		$ -	$ -	$ -		
** 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	$ -		

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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						
Item – Detail	**Units**	**Unit Cost**	**Extended Cost**	**Recurring Costs**	**Comment**	**City's Clarification Questions**
Bidder Software	Lot Price				Modules to satisfy our response to Exhibit 3-4 is included in this price	Please confirm the modules that are included in the cost of the LERMS as described in Exhibit 3-4.
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 fromm, 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	$ -		

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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:		$ -	$ -	$ -		

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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

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						
Item – Detail	**Units**	**Unit Cost**	**Extended Cost**	**Recurring Costs**	**Comment**	**City's Clarification Questions**
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	$ -		

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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						
Implementation Task – Detail	**Units**	**Unit cost**	**Extended Cost**	**Recurring Costs**	**Comment**	**City's Clarification Questions**
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.	**The City desires for implementation of the CAD/RMS to be completed within 12 months of contracting signing. ICS is asked to provide an Implementation Plan that includes a detailed Gantt chart with benchmarks.**
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						
Item - Detail	**Units**	**Unit cost**	**Extended Cost**	**Recurring Costs**	**Comment**	**City's Clarification Questions**
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		

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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

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	City's Clarification Questions
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	City's Clarification Questions
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.	**The City prefers for training classes to be conducted at the City's Public Safety Training Center. Can ICS support on-site training if the City furnishes the training room? Are travel expenses related to training included in the cost? If travel expenses will be billed separately, the City will require a not-to-exceed limit on expenses.**
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 LERMS	2	$ 780.00	$ 1,560.00			
Train the trainer FRMS			$ -		2 Consecutive Days Onsite FRMS Train-the-Trainer Program	**Fire RMS training not needed. Please remove from total cost proposal.**
Train the trainer FRMS inspections			$ -			**Fire RMS inspections training not needed. Please remove from total cost proposal.**
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	$ -		

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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.

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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.

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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.

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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.	***Select Agency Project Manager (APM)*** 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. *This individual will be responsible for approving all contractual documents between ICS and the Agency.*	APM	1			
1.B.	***Assign Agency System Manager (ASM)*** 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.	***Assign ICS Implementation Mgr (ICS)***	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.	***Assign Department /Agency Application Managers*** 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. Please complete the "Project Team Members" list (attached). This will include all key team members, their assignments, phone numbers, and e-mail addresses. 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.	APM	1			
1.F.	***Review the Statement of Work (SOW) with APM*** 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.	ICS, APM	1			
1.G.	***Develop Project Timelines with Resources & Completion Dates*** After reviewing the SOW and the Project Implementation Plan, the APM, ASM and ICS will assign resources and target completion dates.	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.	***Project Tracking and Reporting Method*** 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.	***Review 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.	ICS, APM, ASM	1			
2.	**Orient the Project Team** 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.	**Review and Prepare Current Site**	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
	1) E911 *Provider (Initial)* – Contact your E911 vendor and get a copy of their MSAG list (in csv or xls format).	AL				
	2) *Planning* – 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.	AL				
	3) *In-house Compare and Modify* – 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.	AL				
	4) *911 Provider (Verification)* – 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.	AL				
	5) *GIS* – Contact your GIS department and get a copy of their updated map database (includes Highland Village, Flower Mound and Lewisville).	AL				
	6) *ICS Verification* – 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. This tool will verify that the following street data items are identical and report mismatches: 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-left (DALLAS) County name-left (DALLAS) County name-left (DALLAS) State-left (TX) State-right (TX) Zip Code-left (74094) Zip Code-right (74095)	ICS				
	7) *GIS* – When GIS has completed the modifications outlined in the above report, an updated map shape file will be produced.					

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Task	Task Description	Prime and Support Resources	Estimated Days to Complete	Target Completion Date	Actual Completion Date	Depend Task
	8) *ICS Re-Verification* – 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). ***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.***					
5.	**Conduct Agency-Wide Product Flow Presentation** ICS will step through the entire suite of software and highlight benefits and key workflow processes prior to the training sessions. 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. 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.	ICS, ASM, All Dept Mgrs	1 day			3.G
6.	**Conduct Dispatch Implementation Review** - 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.)	ASM ASM ASM ASM ASM ASM	4 days			
7.	**Training for the ASM (System Manager)** – 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
	- 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: • Brazos citation • Firehouse • Alarm permit &false alarm • E911 • NCIC • Paging • ESO/Emergidata • ProQA Medical • Mentalix - Remote fire station printing					
8.	**Master File Maintenance Training** - 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** - 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 Assgned persnel	7 days			4.G. 7.
10.	**Dispatch/CAD GEO Implementation Services** - 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) - 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	½ day			9.
11.G.	**Personnel Management Training** (one class for 6 students each) - Training (course 701)	ICS	½ 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	½ 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				

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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	Stat
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						

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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

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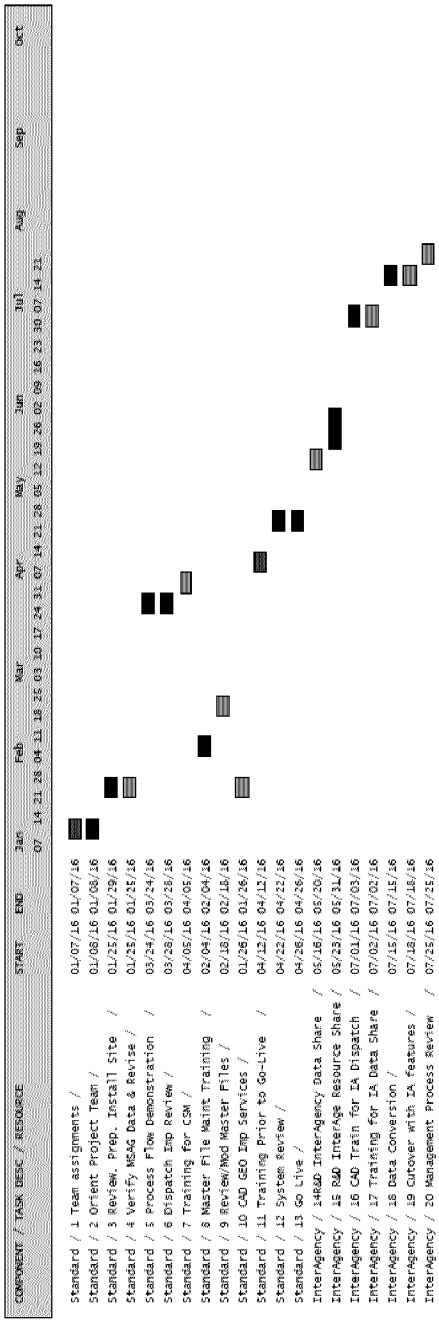
Sample Gantt Chart



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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	

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	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 3rd 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 3rd 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 3rd 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) capaAgency	
	Memory		PassMark rating	
	GPS MFR/model		NMEA 0813 comp.	
	Mounting type		Other 3rd party apps installed	
	Airbag friendly		VPN or Cloud security	

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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

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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 Adminstrator	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	7/201/9
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

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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

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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 EXCUTED 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 Licensees 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

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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

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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.

8.4INTENTIONALLY 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

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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:

Licensee:	City of Denton, Texas	Integrated Computer Systems, Inc.	
By (signature):	DocuSigned by: Todd Hileman B776C711BA0D454...	By (signature):	DocuSigned by: Ray Sims BEF3A33EAFF2437...
Printed name:	Todd Hileman	Printed name:	Ray Sims
Title:	City Manager	Title:	President
Date:	4/9/2019	Date:	3/21/2019

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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.

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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.

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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.

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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.

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12. Signatures

Accepted and Approved:

Licensee:	City of Denton, Texas	Integrated Computer Systems, Inc.	
By (signature):	DocuSigned by: Todd Hileman B776C7118A0D454...	By (signature):	DocuSigned by: Ray Sims BEF9A39EAFF2497...
Printed name:	Todd Hileman	Printed name:	Ray Sims
Title:	City Manager	Title:	President
Date:	4/9/2019	Date:	3/21/2019

DocuSign Envelope ID: 8ACF7DED-861A-4C00-980A-5E2F30DB6FA6

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
Status: Completed
Subject: Please DocuSign: City Council Contract 6400-Public Safety CAD RMS MDS Systems
Source Envelope:
Document Pages: 272
Signatures: 9
Certificate Pages: 6
Initials: 1
AutoNav: Enabled
EnvelopeId Stamping: Enabled
Time Zone: (UTC-08:00) Pacific Time (US & Canada)

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
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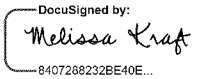
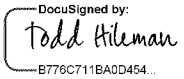
Cynthia.Alonzo@cityofdenton.com
Location: DocuSign

Signer Events	Signature	Timestamp
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	Completed Using IP Address: 129.120.6.150	Sent: 3/21/2019 11:14:02 AM Viewed: 3/21/2019 11:15:04 AM Signed: 3/21/2019 11:19:02 AM
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	DS LH Signature Adoption: Pre-selected Style Using IP Address: 129.120.6.150	Sent: 3/21/2019 11:19:07 AM Viewed: 3/21/2019 11:20:38 AM Signed: 3/21/2019 11:20:45 AM
Mack Reinwand mack.reinwand@cityofdenton.com City of Denton Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via DocuSign	DocuSigned by: Mack Reinwand 7F9D328BF0204E5... Signature Adoption: Pre-selected Style Using IP Address: 129.120.6.150	Sent: 3/21/2019 11:20:51 AM Viewed: 3/21/2019 11:23:11 AM Signed: 3/21/2019 11:34:40 AM
Ray Sims ray@icsnews.com President Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via DocuSign	DocuSigned by: Ray Sims BEF3A33EAFF2437... Signature Adoption: Pre-selected Style Using IP Address: 12.158.40.130	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	Signature	Timestamp
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	DocuSigned by:  8407268232BE40E... Signature Adoption: Pre-selected Style Using IP Address: 47.190.47.120 Signed using mobile	Sent: 3/21/2019 12:21:31 PM Viewed: 3/21/2019 12:22:04 PM Signed: 3/21/2019 12:39:03 PM
Tabitha Millsop tabitha.millsop@cityofdenton.com City of Denton Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via DocuSign	Completed Using IP Address: 129.120.6.150	Sent: 3/21/2019 12:39:08 PM Viewed: 4/10/2019 6:58:58 AM Signed: 4/10/2019 6:59:33 AM
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	DocuSigned by:  B776C711BA0D454... Signature Adoption: Pre-selected Style Using IP Address: 47.190.47.120 Signed using mobile	Sent: 4/10/2019 6:59:40 AM Viewed: 4/10/2019 7:04:43 AM Signed: 4/10/2019 7:04:59 AM
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	DocuSigned by: 1C5CA8C5E175493... Signature Adoption: Pre-selected Style Using IP Address: 129.120.6.150	Sent: 4/10/2019 7:05:04 AM Viewed: 4/10/2019 7:10:37 AM Signed: 4/10/2019 7:13:01 AM
In Person Signer Events	**Signature**	**Timestamp**
Editor Delivery Events	**Status**	**Timestamp**
Agent Delivery Events	**Status**	**Timestamp**
Intermediary Delivery Events	**Status**	**Timestamp**
Certified Delivery Events	**Status**	**Timestamp**
Carbon Copy Events	**Status**	**Timestamp**
Sherri Thurman sherri.thurman@cityofdenton.com City of Denton Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via DocuSign	COPIED	Sent: 3/21/2019 11:19:07 AM

Carbon Copy Events	Status	Timestamp
Jane Richardson jane.richardson@cityofdenton.com Assistant City Secretary City of Denton Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via DocuSign	COPIED	Sent: 4/10/2019 6:59:39 AM Viewed: 4/10/2019 7:07:24 AM
Jennifer Bridges jennifer.bridges@cityofdenton.com Procurement Assistant City of Denton Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via DocuSign	COPIED	Sent: 4/10/2019 7:13:07 AM
Jane Richardson jane.richardson@cityofdenton.com Assistant City Secretary City of Denton Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via DocuSign	COPIED	Sent: 4/10/2019 7:13:08 AM 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:** Not Offered via DocuSign	COPIED	Sent: 4/10/2019 7:13:09 AM

Notary Events	Signature	Timestamp

Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	4/10/2019 7:13:09 AM
Certified Delivered	Security Checked	4/10/2019 7:13:09 AM
Signing Complete	Security Checked	4/10/2019 7:13:09 AM
Completed	Security Checked	4/10/2019 7:13:09 AM

Payment Events	Status	Timestamps

Electronic Record and Signature Disclosure

ELECTRONIC RECORD AND SIGNATURE DISCLOSURE

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ii. send us an e-mail to purchasing@cityofdenton.com and in the body of such request you must state your e-mail, full name, IS Postal Address, telephone number, and account number. We do not need any other information from you to withdraw consent.. The consequences of your withdrawing consent for online documents will be that transactions may take a longer time to process..

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:	•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.

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