MOTOROLA SOLUTIONS

Proposal

Brazoria County, TX

PremierOne Agency Add-On to League City

24-PS-000183867 / TXP21P316A

November 8, 2024

Motorola Solutions, Inc.
500 W. Monroe Street, Suite 4400
Chicago, IL 60661

November 8, 2024

Chief Deputy Ian Patin
Brazoria County Sheriff's Office
111 E. Locust St.
Angleton, TX 77515

Re: Join the League City GRID Consortium

Dear Chief Deputy Patin,

The Motorola Solutions, Inc. ("Motorola") appreciates the opportunity to provide a proposal for the PremierOne integrated solution. Motorola has prepared a proposal for the Brazoria County Sheriff's Office to join the GRID Consortium. This proposal is valid till December 15, 2024.

Motorola's Proposal is subject to the terms and conditions of the State of Texas DIR-CPO-5433 contract, its exhibits, and applicable Addenda. After the first year warranty, adjustments on Maintenance and Support will be completed on an annual basis which will be provided in the form of an agency "usage percentage" that is subject to the terms and conditions of the attached Shared Agency Agreement ("SAA"), which is subject to and governed by the terms of the Master Customer Agreement ("MCA") and its Exhibits and Addenda (including Motorola's Maintenance and Support Agreement) as agreed to and executed by League City, on behalf of the GRID Consortium, and Motorola Solutions on March 16, 2022.

Brazoria County may accept this proposal by returning to Motorola a signed copy of the attached SAA. Any purchase order should specifically reference "PO is subject to Motorola's proposal dated November 8, 2024 and the terms and conditions of the State of Texas DIR-CPO-5433 contract, its exhibits, and applicable Addenda." Additionally, this proposal to join the shared system is contingent upon Brazoria County Sheriff's Office receiving approval from the GRID Consortium Board of Chiefs. Alternatively, Motorola would be pleased to address any concerns you might have regarding this proposal.

Motorola Solutions would be pleased to address any questions or clarifications the County may have. Please direct any questions to your Motorola Solutions Strategic Projects Area Sales Manager, Robin Ginther (785) 822-2237 or robin@motorolasolutions.com.

Sincerely,

Carrie Hemmen
MSSSI Vice President & Director
Software Sales

Table of Contents

Section 1

System Description

1.1 System Overview

Motorola Solutions is pleased to present the following system for Brazoria County (hereinafter referred to as the “Customer”).

Motorola’s offering consists of client software for PremierOne CAD, Mobile, Records, Records Mobile, and services (as stated in the Statement of Work) for adding the Customer as a new agency to the League City, TX (System Owner) PremierOne System. League City’s PremierOne System and associated interfaces will serve as the hosted system for the Customer.

1.1.1 Participating Agencies

The designated agencies participating in the system are:

- League City GRID Consortium (System Owner).
- Brazoria County (Add-on Agency).

1.1.2 Application Software and System Components

This System is comprised of the following component and Subsystem elements:

CAD Subsystem

- PremierOne CAD.
- PremierOne Mobile.
- Automatic Resource Location (ARL) via:
  - PremierOne Mobile with Mobile Mapping.

Records Subsystem

- PremierOne Records.
- PremierOne Records Mobile.

CommandCentral

CommandCentral Evidence

1.1.3 System Application Client Software Licensing

The following Table 1-1 summarizes the number of PremierOne client application software licenses for the Customer.

Table 1-1: System Licensing

System Client Licenses	Quantity	Type
PremierOne CAD Dispatch Client with Mapping	9	Per Seat
PremierOne Mobile (Windows)	286	Per Seat
PremierOne Records	186	Per Seat
PremierOne Records Mobile	253	Per Seat
PremierOne Handheld	24	N/A
CommandCentral Evidence	Subscription	

1.1.4 System Interfaces

The Table 1-2 below lists the interfaces included in our system. A description of each interface listed in the table below. Any requests for change to the Interface Description following contract is subject to review and consideration through the change control mechanism of the contract.

Table 1-2: System Interfaces

Interface Name	Interface Description	DR Y/N?
E911	League City Host Interface	Y
ProQA	The Interface allows PremierOne Records to receive citation data from the third-party vendor application. PremierOne Records uses this information to create a citation document in the PremierOne Records system and make the data available for querying and reporting from within the PremierOne Records client. Any updates (newly added or changed) to persons or vehicles related to a new or existing citation document will be automatically added or merged, based on the application matching rules configured and defined in PremierOne Records. The third-party vendor application provides the citation data in the agreed upon format (XML) using the agreed upon connection protocols.	N
Incode Citations	League City Host Interface	Y
WatchGuard	League City Host Interface	Y
LiveScan	For the PremierOne Records to ID Networks LiveScan Bidirectional Interface, information is exchanged between Motorola Solution's PremierOne Records application and the ID Network LiveScan application. Inmate information shall be entered in the Inmate Booking document within PremierOne Records. A new field shall be created within the PremierOne Inmate Booking Document to provide a pick-list of available LiveScan application available to the user's agency. This field must be populated for the interface to send data to a LiveScan. Once the booking officer determines that the information is complete and ready to be sent to the LiveScan application the user shall submit the document to Workflow. Through this interface, the submitted data is now transferred to the selected LiveScan via web services. After the collection of mug shot, fingerprints and palm prints, the LiveScan application will send the NIST formatted information to the PremierOne Records system to update the inmate's booking record.	N

Interface Name	Interface Description	DR Y/N?
	IFD: Functional Description LiveScan Bidirectional Interface.	
CRIS (Traffic Accident Reports)	The Interface allows PremierOne Records to receive citation data from the third-party vendor application. PremierOne Records uses this information to create a citation document in the PremierOne Records system and make the data available for querying and reporting from within the PremierOne Records client. Any updates (newly added or changed) to persons or vehicles related to a new or existing citation document will be automatically added or merged, based on the application matching rules configured and defined in PremierOne Records. The third-party vendor application provides the citation data in the agreed upon format (XML) using the agreed upon connection protocols. IFD: Functional Description Citation Inbound Interface.	N
State/NCIC Query	League City Host Interface.	Y

1.1.5 System Integrations

The Table 1-3 below lists the integrations included in our system.

Table 1-3: System Integrations

Integration Name	DR Y/N?
ASTRO Radio PTT	N
ASTRO Radio Location	N
ASTRO MCC7500 Console	N
RapidSOS	N/A

1.2 Application Descriptions

The following sections provide brief descriptions of PremierOne CAD, Mobile, and Records applications and other system applications. PremierOne uses Commercially Off the Shelf (COTS) products therefore software development to the application framework is not provided.

1.2.1 PremierOne CAD

Motorola Solutions has designed PremierOne CAD to be the central convergence point for communications from multiple sources and systems, mission-critical information and resource management.

The user interface offers quick access to information via a location-based, Esri standard GIS map. Users perform commands and functions using a mouse, command lines, function keys, shortcuts, or user definable right click menus. The GPS-aided resource management tool displays the location and identity of GPS equipped vehicles or devices enabling a coordinated response while further supporting officer safety.

In PremierOne CAD, Automatic Resource Location (ARL) could be used in recommendations to track the location of emergency vehicles to determine their present location when requiring units to respond to an incident. By adding ARL recommendations to PremierOne CAD, PremierOne CAD can make recommendations based on the actual location of units rather than recommending units solely based on jurisdictional assignment.

PremierOne supports Direct GPS Connection where location information is sent directly to PremierOne without the use of the PremierOne Mobile client application. Direct GPS Connection requires that device location be reported to PremierOne using Trimble ASCII Interface Protocol (TAIP) with a unique identifier over User Datagram Protocol (UDP).

Users can create incidents from public telephone calls, from information received from an officer or from another public safety agency, or through an alarm interface. Once the user enters basic details of the incident into the system, users may dispatch field personnel to handle the incident. Users may update incidents with additional details such as information about the handling of the incident. Once the user has completed the incident in an appropriate fashion, the user then can close the incident.

Field personnel may use PremierOne CAD to retrieve details about incidents or to make incident updates. Additionally, supervisory personnel may use the PremierOne CAD to monitor the operations of the communications center, the handling of incidents and field unit statistics.

PremierOne CAD functions as a standalone product but also seamlessly integrates with Motorola Solutions' PremierOne Mobile and Records application. PremierOne CAD may also be integrated with other Motorola Solutions and third-party systems.

Users that can benefit from accessing PremierOne CAD and Mobile include but are not limited to Dispatchers, PSAP Supervisors, Patrol Officers and Call Takers.

1.2.1.1 PremierOne CAD Concepts

User Input

Users may operate PremierOne CAD either with or without a mouse. While all commands and actions within the application can be accessed with the mouse, users also may drive PremierOne CAD almost exclusively from the keyboard. A few PremierOne CAD functions, such as selecting units from a map, must be performed with a mouse.

Work and Status Monitors

Users perform the majority of actions within PremierOne CAD's work monitor. Status monitors present summary information about incidents or units. A user may have one or more status monitor windows available at the workstation.

Security and Roles

PremierOne CAD recognizes authorized users and provide access to individually authorized functions at the time of sign-on. To facilitate these responsibilities, access rights and permissions are associated with the various functions available within PremierOne CAD. A role is a set of specified privileges, which provide access to data, commands, forms, devices, and functions. Each user and device is assigned to one or more of the default of Customer created roles.

Units, Incidents and Dispatching

A unit within PremierOne CAD represents the resources, which are dispatched or monitored by the communications center personnel. All units in the system are identified with a unit id, which is typically the radio call sign for the unit. Users can initiate incidents from the command line or from the incident initiation form. The system provides a user with four methods to begin the incident dispatching process. These four methods include:

- Dispatch incident function key.
- Incident dispatch command.
- Dispatch form.
- Drag and drop feature within status monitors and map.

Incident Management

In addition to initiating and dispatching incidents, users can manage existing incidents through the various incident management features of PremierOne CAD:

- Updating existing incident information.
- Associating incidents.
- Disassociating incidents.
- Cloning incidents.
- Closing incidents.
- Reopening incidents.
- Displaying a summary list of incidents.
- Searching for incidents.

Unit Management

Users have the ability to monitor and maintain the current activities for each unit through the various unit management features:

- View and update unit assignment data.
- Make unit status changes.
- Manipulate a unit’s call stack.
- Transfer units.
- View a unit’s history.
- Move units from one station or area to another station or area.
- View the current activities for a unit.
- Assign crews.
- Clear units from an incident.
- Manipulate units that are assigned to incidents.
- Move resources to cover depleted stations or areas.
- PremierOne CAD can alter a unit’s capabilities based on the personnel assigned to that unit.

Federal, State and Local Queries

PremierOne allows users to submit requests for information to external databases. These external queries can involve local agencies, as well as state and federal agencies. External databases all have their own data formats and respond to submitted queries with one or more responses.

Maps

PremierOne mapping utilizes products from Environmental Systems Research Institute (Esri) for geo-processing. The display of maps is an integrated component within PremierOne. The map may be configured to automatically display when the user signs on to the workstation. A number of commands and functions allow the user to manipulate the map and make updates in response to user actions. The map may be configured to display an icon at this location to assist the call taker in determining the location at which an emergency response is required. The system also attempts to find the nearest address/common place to the caller coordinates.

Mail & Messaging Services

The mail and messaging functionalities of PremierOne CAD allow users to exchange and distribute electronic mail and messages within the dispatch center and to units equipped with MDTs.

1.2.2 PremierOne Mobile with Mobile Mapping

PremierOne Mobile provides public safety personnel the ability to assess and prepare for a situation while enroute to the scene. Users access information via screen configurations that provides navigation throughout the PremierOne Mobile application.

Table 1-4: PremierOne Mobile Mapping Capabilities

PremierOne Mobile - Available Clients:	Window (Included)	Android (Included)	iOS (Included)
Operating System	Windows 10+	Android 10-12	iOS 13 - 15
Cloud Enabled	●	●	●
Silent Dispatch	●	●	●
Incident & Unit Management	●	●	●
Real-Time Status Monitors	7	5	5
Field Initiation for Traffic Stops & Other Incidents	●	●	●
Database Querying	●	●	●
BOLOs	●	●	● Query Only
Responder and Unit Location Tracking	●	●	●
Premise & Hazard Details with Images	●	●	●
Geofencing with Entry & Exit Alerts	●	●	●
4G & LTE Network Capability	●	●	●
CJIS Security Support with FIPS 140-2 Encryption & Auditing	●	●	●

PremierOne Mobile - Available Clients:	Window (Included)	Android (Included)	iOS (Included)
Barcode Scan	●	●	●
Voice Entry for Comments		●	●
Actionable URL in Comments		●	●
Messaging	●	●	
Advanced Mapping, BOLOs, Premise & Hazards	●		
Advanced Configurations	●		

The integrated map provides the user the ability to display call location, drive directions, premise hazards and the location of other units. PremierOne Mobile leverages the same common map platform used in PremierOne CAD, which is managed and provisioned from a centralized location and deployed to all systems remotely.

PremierOne Mobile obtains location information from a collocated GPS receiver. The PremierOne Mobile Windows Client supports either the Trimble ASCII Interface Protocol (TAIP) or National Marine Electronics Association (NMEA) standard. The PremierOne Mobile client application can send its location to PremierOne CAD via a cellular data modem. The vehicle location information is used by PremierOne CAD to support location dependent features including: Mapping, Track-It, Follow-It, and Recommendations.

1.2.3 PremierOne Records

PremierOne Records is Motorola Solutions' next generation law enforcement records management system, based on over 30 years of industry RMS experience, PremierOne Records was designed from the ground up with the current and future needs of public safety agencies in mind. A fundamental goal of PremierOne Records is to provide the greatest level of flexibility. Working with the Advanced Configuration Tool of PremierOne Records allows agencies to add and hide fields, change field labels, make fields required, alter output format, and determine the information that is made available to users and roles.

Users that can benefit from accessing PremierOne Records include but are not limited to Patrol Officers, Records Specialists, Records Supervisors, Retention Specialists, Detectives and Investigators.

1.2.3.1 PremierOne Records Concepts

Records Clients

PremierOne Records provides the same functionality, fields, data, and security to both the officer in the field using a Records Mobile Client and the records bureau user accessing the system through a LAN-connected desktop computer.

- **Standard Client** – Used for workstations which are connected to the network, such as those on a LAN or WLAN. This self-updating client can be launched from a web browser and can be run without a local installation, thus reducing installation and maintenance costs.

- **Records Mobile Client** – Used in situations where network connectivity is not assured or nonexistent, such as with mobile units on a wireless network for field based reporting (FBR). Over the wire update and caching services assure that all clients are kept up to date with application updates, changes to forms, code tables, etc., reducing maintenance costs.

Navigation

PremierOne Records was designed with a physical law records department in mind. Users can find information in PremierOne Records in the same areas where you would expect to find them physically in your department. PremierOne Records provides easy and quick access throughout the application. Users can navigate using familiar point-and-click access to modules, similar to a browser. As with a browser, forward and back keys are provided as well as the ability to open additional tabs, allowing multiple modules to be open at a time.

Records Command Line

A command line window can be opened using a hotkey that allows authorized users to perform typical actions such as add, edit and navigation functions without using the mouse. The command line auto-fills both commands and parameters requiring just a few keystrokes to create a new record or access any record in the system. The Records command line window can be displayed even with the other PremierOne Records windows minimized giving the user a cleaner more efficient client. This is especially important for Records Bureau or other data entry users as the can create or edit records much faster, with fewer keystrokes and mouse clicks. This feature is also available in the Records Mobile client allowing patrol officers and other Mobile users to quickly create records without using a mouse. For paper-based agencies that print and use paper copies of records, the command line can be combined with a low cost bar code scanner to greatly improve efficiencies. A bar code can be printed at the bottom of each document that when scanned immediately retrieves the record with no other user intervention. This feature is especially beneficial for document approval or other manual or automated workflow processing.

Motorola Solutions Documents

Users perform the majority of data entry within Motorola Solutions Documents, a forms tool based on patented technology. This technology leverages decades of experience with law enforcement records management systems and is designed to improve data entry efficiency, accuracy and reduce the learning curve for new user. Specially designed functionality such as tabs, search while you type, and ‘To do’ items are all designed to reduce the effort required to fully document each event.

- **Tabs:** To facilitate data entry, tabs combine like data types such as victim, offense, or property. Within each data type, a user may enter as many of that data type as necessary.
- **Required Fields:** Within any document in PremierOne Records, some fields will be required to be filled in before the document can be saved to the database. Required information helps to preserve the integrity of the document as a whole to make it a valid document. Fields may be required based on business rules established by an agency or because the agency requires data to be collected for reporting purposes. The system may also require certain data fields be completed to assure accurate and complete IBR or UCR submissions.
- **Single select code Fields**: Single select code tables allow users to enter only those codes that have been created for a given field.
- **Search while you type:** This functionality displays only the entries in a list that match the text that you type. Search-as-you-type considers all the words in a phrase, not just the first word at the beginning of the phrase.

- **Multi-select Code Tables**: As with single select code tables, multi-select code tables only allow for the acceptable range of data values to be entered.
- **Pull Forward:** You can use Pull Forward to search for and find existing data, and then pull that data into Motorola Solutions Document.
- **To Do List:** Motorola Solutions Documents also check to ensure all required fields have been filled out and are valid. If you omit a required field or have incorrect information, an error message will appear in the Help window of the document. These error messages, or the to-do list, are hyperlinks. They bring the cursor directly to the field that requires attention when the form you are currently working in. Documents that are not complete may be saved as a draft, but the data is not present in the database directly.
- **Only display necessary fields:** This feature of Motorola Solutions Documents only displays those fields necessary to complete the document. When a user enters data that then requires further information, fields for entering the additional data become available. Until those fields are needed, they remain hidden.
- **Photos:** Drag and drop Motorola Solutions Document windows also support drag-and-drop functionality for images.
- **Auto save:** PremierOne Records can be configured to automatically backup or save a document prior to document submission. The document is saved in draft form until it has been submitted.
- **Document Locking:** A locking message displays if another user tries to access a document that is open and locked. Document locks expire when the opened document is closed, or after a configured time (default is 12 hours), whichever comes first. Other users attempting to open a locked document will get a read-only version of the document that displays the document lock message in the lower right corner. Users cannot make edits to the read-only document.
- **Searching:** Free text searching in PremierOne Records provides default basic search and field display functionality as well as advanced search functionality for custom search. Agencies can specify and configure which module data fields are available for searching. Additionally, PremierOne Records has a free text and advanced free text search capability, which functions similarly to web text searches; Users can enter a word or phrase in the free text search field and search across the entire data store for records that match the text or phrase.

1.2.4 PremierOne Reporting Services

1.2.4.1 SQL Server Reporting Services (SSRS)

SQL Server Reporting Services (SSRS) provides a set of on-premises tools and services that create, deploy, and manage paginated reports. Paginated reports are ideal for fixed-layout documents optimized for printing, such as PDF and Word files. The SSRS solution flexibly delivers the right information to the right users. Users can consume the reports in a web browser on their computer or mobile device, or via email.

1.2.4.1.1 SSRS Reports and Services

A standard reports library is included in the product, these reports will be loaded to the Customer system(s), and be used during the Reporting Workshops. The Workshops will provide the attendees with the knowledge on how to create custom reports against the PremierOne databases utilizing Microsoft's SSRS software.

1.2.4.2 Intelligent Data Discovery Services (IDD)

IDD Services include instruction in the use of advanced SQL Server Reporting Services (SSRS) features, which will allow for the connection, extraction, and display of data from CAD in the tailored standard IDD and customized dashboards. IDD's use of Microsoft's SSRS employs the data to generate and securely share online dashboards and reports, initiate searches and mine data.

A single copy of each of the Standard IDD dashboards will be tailored per the provisioning of the system(s) and delivered to the site, IDD is limited to data existing in the system datasets. A map view of the data, such as location of Incidents, may be produced as part of the report output without interactive mapping ability. Total system capacity for IDD is dependent upon the total number of concurrent reports being requested from the RDW server and DHStore Analysis. Final system capacity is dependent upon final design and report types being generated on a concurrent basis.

1.2.4.2.1 CAD IDD Dashboards and Services

- Three (3) Standard Dashboards:
  - Roll Call Briefing Dashboard.
  - Intelligent Resource Deployment Dashboard.
  - COMPSTAT Dashboard.
- View Only CAD IDD bundle:
  - Unit Status.
  - Unit History.
  - Map.
  - Incident Search.
  - Drill-through to Incident Details and Officer Activity Reports.
- Three (3) days of PremierOne CAD Intelligent Data Discovery (IDD) Workshop, after completion of requirements.

1.2.4.2.2 Records IDD Dashboards and Services

- Three (3) Standard Dashboards:
  - Master Index Search Dashboard.
  - Records CompStat Dashboard.
  - Records Major Crimes Dashboard.
- Three (3) days of PremierOne Records Intelligent Data Discovery (IDD) Workshop, after completion of requirements.

1.2.5 CommandCentral Platform Integration

1.2.5.1 CommandCentral Evidence

CommandCentral Evidence provides a suite of digital evidence management tools that help users contain, organize, and act on large amounts of incoming multimedia. These tools streamline the collection, capture, storage, and sharing of data from a single location. By centralizing digital evidence

storage and management, CommandCentral Evidence removes data silos and helps users get the most out of their critical information.

Users access all case content from a single, cloud-based location. Cases integrate records and evidence content, allowing users to view all media associated with a case. These cloud-based tools help users account for all evidence regardless of source. CommandCentral Evidence makes it easy to secure and share content with chain of custody intact to improve collaboration.

CommandCentral Evidence uses the Azure GovCloud, securing data at rest and in transit to protect communications. This complies with CJIS guidelines and the NIST framework, audited annually against the Service Organization Control 1 and 2 reporting framework.

1.2.6 ASTRO 25 Radio Integrations

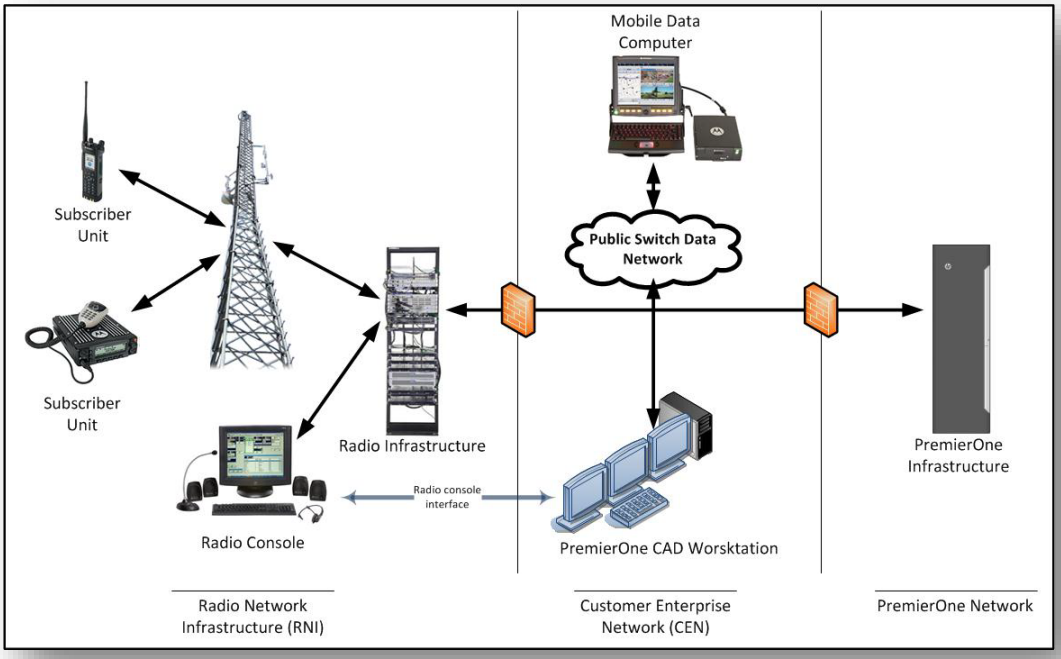

Figure 1-1: Radio Integration Diagram

1.2.6.1 MCC 7500 Console Integration

The MCC 7500 console integration enables the Channel Grouping feature from CAD.

The Channel Grouping feature is available when system CAD is integrated to the MCC 7500 Radio Console. From a window within the CAD client, the user can use predefined groups or create and maintain their own groups. Groups can be activated as multi-selects on the radio console at the discretion of the user. When the group is utilized, the CAD client will show the status and will allow the user to transmit on all the selected talkgroups. The user can make a priority transmission or may request the use of the talkgroups by alerting the other users with an audible notification. CAD can also

be provisioned to automatically load a particular channel group based on the geographical location of an incident.

1.2.6.2 ASTRO 25 APX Subscriber Push-to-Talk (PTT) and Emergency Button Activation Monitor

An emergency situation can be triggered either by the Radio Emergency button or the Emergency icon on the PremierOne Mobile client.

A radio PTT status monitor window displays an identification of the source of a configurable number of the most recent radio transmission. The information shown to identify the radio varies depending on how the radio has been identified within the system. If the radio has been associated with a unit, a vehicle, or a person, the system identifies that unit, vehicle, or person as the source of the transmission. If an association has not been made, the system displays the ID of the radio.

Any radio that is in emergency status will be displayed in a distinctly different manner in the CAD's work monitor window. Every time a unit keys up a radio that is in emergency status, the display in the PTT window will show the unit is in emergency status.

Radio Channels that are to be monitored by CAD and have their status displayed on the PTT Status monitor must be selected by the CAD User using the CT command. This allows for a dispatcher to select only those channels that need to be monitored and may be associated with a dispatcher's coverage area.

Once the channels are selected, enabling the PTT Status Monitor will ensure that all radio traffic on that channel is monitored and displayed.

RadioServices: Radio Proxy server

The system's element providing the main radio infrastructure interface is the RadioServices server. This stand-alone Server provides proxy functions from the Radio Infrastructure to the CAD system. RadioServices can support ASTRO 25 Integrated Voice and Data (IV&D) Conventional as well as Trunking systems. There are three supported interface protocols from the ASTRO systems: CADI, ATIA, and eCADI.

The RadioServices Server provides four types of data from the Radio system to the CAD system. These include specific radio-initiated events as follows:

- Non-PTT Events (such as affiliation and disaffiliation).
- PTT Events.
- Emergency status.
- Unit Status Change.

1.2.6.3 ASTRO 25 Responder Location Integration

The core features of ASTRO 25 Responder Location are integrated with PremierOne CAD:

- ASTRO 25 Subscriber Responder Location.

The Responder Location Feature allows the CAD system to obtain the location of APX subscriber radios via the ASTRO 25 infrastructure. This capability allows dispatchers and supervisors to monitor the location of personnel who are using ASTRO subscribers. Radios with Location on PTT can be configured to send their location after each PTT during group calls and during emergency calls.

Location data is embedded directly in the voice stream and sent continuously without impacting voice quality. Location services are enabled on a per subscriber basis allowing agencies to limit its use to portable radios or other specific groups.

Vendor will supply any GRID agency the necessary flashes for their radios in order to interface with CAD at no additional cost to the GRID agencies.

1.2.6.3.1 ASTRO 25 Location Accuracy

There are a number of factors that impact the accuracy of ASTRO location updates. Some are fundamental aspects of the Global Positioning System design such as the need to “see” satellites. Others are a result of the ASTRO system implementation and configuration settings. These settings can be adjusted for a specific implementation, but always involve a trade-off between competing system characteristics.

GPS Signal Availability

The ASTRO subscriber’s GPS antenna must be able to receive GPS signals from five or more satellites to derive a location accurately. Operation in buildings, tunnels, urban canyons, or densely forested areas can reduce GPS location accuracy or prevent the subscriber from determining its location altogether.

Temporary Signal Loss

ASTRO subscribers cache their last known location. In the event that an ASTRO subscriber loses GPS fix, it will send its last known location in response to a location query or scheduled location update. The subscriber will send its last known location for up to 100 seconds after losing GPS fix. The accuracy of the location updates sent during temporary signal loss is a function of the subscriber speed.

GPS Acquisition Time

When ASTRO subscribers are powered on they require a finite amount of time to establish their location accurately. This is referred to as Time to First Fix (TTFF). In the Cold Start scenario, a subscriber is turned on after a prolonged period of time and does not have an accurate estimate of its position or time. TTFF in this case is <60 seconds 95% of the time. In a Warm Start scenario, the subscriber is turned on and has an accurate location and time estimate. TTFF in this case is <10 seconds 95% of the time. This can result in a delay between subscriber power up and the first accurate location update. For example, if an officer turns on a portable radio when exiting the vehicle, the Responder Location CAD feature may not receive an accurate location update for over a minute.

GPS Sleep Cycle

APX subscribers use a sleep cycle to conserve battery life when GPS signal lock cannot be achieved. When the GPS receiver enters sleep cycle it powers down for 90 seconds then wakes and searches for GPS signal lock for 180 seconds. If it is able to achieve GPS signal lock it will remain awake, otherwise it will return to sleep for another 90 seconds. This behavior can result in a delay between the time when a subscriber moves into a location with GPS signal (e.g. goes outside) and its first location update.

Voice Priority

ASTRO IV&D subscribers give priority to voice transmissions. If a user is talking on their radio or receiving a transmission from another user, their radio cannot originate or receive data traffic. This voice preference results in data packets being queued within the radio for transmission when the radio

is not participating in a voice service. Packets are discarded if they are older than the 12-second queue dwell timer. This can cause a variable arrival rate of location update reports at PremierOne.

Open Mic on Emergency

ASTRO subscribers can be configured to transmit audio after the Emergency Button is pressed. This will prevent the subscriber from transmitting location updates until the radio de-keys.

1.2.6.3.2 ASTRO 25 APX Subscriber Requirements

The Responder Location feature requires APX/APX Next portable or mobile subscribers equipped with a GPS receiver, the current subscriber firmware version, and the Enhanced Data option. XTL/XTS subscribers do not support Enhanced Data and are not compatible for use with Responder Location.

1.3 Legacy Data Services

1.3.1 Legacy RMS Data to PremierOne Records Import

Motorola Solutions will convert and extract the data specified in the table below that exists in the Customer legacy RMS system and then import to the Records system. While Motorola Solutions is responsible for converting the specified data, it is critical that the Customer assigns a knowledgeable resource to this activity that will remain engaged throughout the migration process.

The legacy databases must be stored in Customer-supplied Microsoft SQL Server databases (hardware and software) external to the system and Motorola Solutions must be able to link directly to the legacy databases from Microsoft SQL Server.

Motorola Solutions does not provide any data clean up or manipulation of the provided data and conducts a single, one time, bulk load of legacy data. The Customer should conduct a comprehensive analysis of the data in the legacy systems to identify duplicate data/records, lost data, orphaned records, or records that have not been linked properly and resolve those issues prior to extracting the data to be converted.

Table 1-5: Records Migration Table

Records Documents to be Migrated	# of Records
Open Cases	2,000
Property & Evidence	60,000

1.4 Third-Party Integrations

1.4.1 RapidSOS Integration for PremierOne

PremierOne Integrates RapidSOS features into PremierOne CAD allowing for faster and more reliable caller location and to calltakers, improving response to emergency situations

RapidSOS Location Data Integration

When a calltaker answers a call from within PremierOne, RapidSOS will retrieve the caller's device-based hybrid (DBH) location and provide it within three seconds on the calltaker's CAD interface. The calltaker can then use RapidSOS to track the location of the caller throughout the call, with location data accurate to within three seconds each time the calltaker re-bids the location.

RapidSOS Supplemental Data Integration

In addition to location data, RapidSOS aggregates available medical or emergency information about the caller from multiple data resources, then displays it to the calltaker through the PremierOne user interface. This helps get crucial information to calltakers faster than questioning the caller —information that the calltaker can then pass on to first responders to help them maintain their own and the caller's safety.

1.5 Customer-Provided Workstation Specifications

Workstation specifications are representative of workstations used in the testing of the latest release of system software and do not take into account any other applications.

Future releases of the system may dictate changes to the workstation specifications. Each agency should consider their own technology replacement lifecycles and policies for specific purchase decisions.

1.5.1 PremierOne CAD Minimum Recommended Specifications

Table 1-6: PremierOne CAD Workstation Minimum Recommended Specifications

Component	Description
Processor	3 GHz Processor (not turbo) Intel® Core i9 Xeon® series preferred.
RAM Memory	16 GB or more of memory, ECC preferred. (Although not needed for the PremierOne client, inclusion of additional memory (example, 16GB) in new workstation purchases is common for future capacity.)
Available Disk Space	20 GB available disk space; minimum 256 GB solid state drive (SSD) required for optimal performance.
Operating System	Windows 10 Professional higher (64-bit recommended)
Network Interface Card	100 Mb or faster (Gigabit recommended) Ethernet network adapter. - Note that network latency will impact system performance.
Display	Three (3) – 1920 x 1080+ pixel, 16+ bit color displays, 60Hz display refresh rate
Keyboard/Mouse	QWERTY Keyboard with 12 Function Keys and Touchpad / Point Stick (or equivalent mouse device).
Graphics Adaptor	Discrete Graphics adapter with at least 512 MB RAM per monitor, 24-bit capable graphics accelerator, OpenGL v2.0 runtime or higher. Latest available drivers. Shader Model 3.0 or higher is recommended. AMD FirePro or Nvdia Quadro series.
Network Bandwidth	2 Mbps network bandwidth (to server) with 20 ms or less round-trip latency.

Component	Description
Additional Required Software Applications for PremierOne CAD	Adobe PDF reader (for help files). SQL Server Express 2017 CU level supporting TLS 1.2 is required. ArcGIS Engine 10.6.1 (included with PremierOne CAD client software). Microsoft .NET Framework v4.8 and above.
CAD Visual Map Files Required	MXD and GDB formats.

1.5.2 PremierOne Mobile Workstation Minimum Recommended Specifications

Table 1-7: PremierOne Mobile Minimum Recommended Specifications

Component	Description
Device	Modern “business grade” or “ruggedized” Windows notebook.
Processor	Multi-core processor (i5 or higher, 4-thread, 2.6 GHz +), Intel® Core™ or newer Intel® Series.
RAM Memory	16 GB or more RAM (4 GB must be available for PremierOne Mobile).
Available Disk Space	20 GB or more available disk space; SSD (Solid State Drive) recommended.
Operating System	Windows 10 Professional or higher (64-bit recommended).
Network Interface Card	Wireless communications minimum 3G network, 4G/5G network recommended.
Network Middleware	Mobile Virtual Private Network (mVPN) with routing and IP persistence to PremierOne system network.
Display	1024 x 768+ pixel resolution display minimum, 16+ bit color display, 11.6” or larger display. Usage on devices with alternative resolutions and smaller screens should be tested and screen settings optimized. Example: On a 10.1” WUXGA screen, use a resolution of 1280 x 800 and a font size of 125%.
Keyboard/Mouse	Standard QWERTY Keyboard with 12 Function Keys and Touchpad / Point Stick (or equivalent mouse device).
Touchscreen	Optional.
Graphics Adaptor	Discrete graphics card with at least 256 MB of RAMs.
Additional Required Software Applications for PremierOne Mobile	Adobe PDF reader (for help files). SQL Server Express 2017 CU level supporting TLS 1.2 is required. Microsoft .NET Framework v4.8.
Additional Required Software Applications for PremierOne Mobile Mapping	ArcGIS Engine 10.6.1 for Classic Map. Microsoft Visual C++ Redistributable for Visual Studio 2017.
Mobile Symbology Map Format Required	MMPK format with locater and routing features with a separate MMPK with night mode symbology, if required.

1.5.3 PremierOne Records Workstation Recommended Specifications

Table 1-8: PremierOne Records Workstation Recommended Specifications

Component	Description
Processor	2.0 GHz or better processor.
RAM Memory	16 GB or more of memory.
Available Disk Space	20 GB or more of available disk space for PremierOne. Solid State Disk Recommended.
Operating System	Windows 10 Professional or higher (64-bit recommended).
Display	1024 X 768 or higher pixel, 16+ bit color display.
Keyboard/Mouse	Standard QWERTY Keyboard and Touchpad / Point Stick (or equivalent mouse device).
Touchscreen	Optional.
Additional Required Software Applications for PremierOne Records	Adobe PDF reader (for help files). SQL Server Express 2017 CU level supporting TLS 1.2 is required. Microsoft .NET Framework v4.8+. Microsoft Visual Studio for the creation of In-Module Reports.

1.5.4 PremierOne Records Mobile Workstation Recommended Specifications

Table 1-9: PremierOne Records Mobile Recommended Specifications

Component	Description
Processor	Intel Core or AMD Ryzen Series Processors or Newer.
RAM Memory	16 GB or more of memory.
Available Disk Space	20 GB or more of available disk space for PremierOne. Solid State Disk Recommended.
Operating System	Windows 10 Professional or higher (64-bit recommended).
Network Interface Card	Wireless communications minimum 3G network, 4G/5G network recommended.
Display	One (1) – 1024 x 768+ pixel, 16+ bit color display, 11.6” or larger display. Usage on devices with alternative resolutions and smaller screens should be tested and screen settings optimized. Example: On a 10.1” WUXGA screen, use a resolution of 1280 x 800 and a font size of 125%.
Keyboard/Mouse	Standard QWERTY Keyboard and Touchpad / Point Stick (or equivalent mouse device).
Touchscreen	Optional.

Component	Description
Graphics Adaptor	Integrated Processor Graphics or Discrete GPU. Latest available drivers. Shader Model 3.0 or higher is recommended.
Additional Required Software Applications PremierOne Records Mobile	Adobe PDF reader (for help files). SQL Server Express 2017 CU level supporting TLS 1.2 is required. Microsoft .NET Framework v4.8. Microsoft Visual Studio for the creation of In-Module Reports.

1.6 TCP/IP Network and Data Center Requirements

1.6.1 Customer Network Requirements

Motorola Solutions' system requires TCP/IP protocol for connectivity. All servers and workstations will connect to the Customer's existing network. The Customer will provide access to facilities and a dedicated resource knowledgeable on the Customer's WAN/LAN. The Customer will supply IP addresses and a mechanism for maintaining IP persistence. Desktop, Mobile, and Handheld clients require a persistent IP address from the time the application is opened to the time the application is closed.

Motorola Solutions' delivery model is reliant upon our ability to perform some tasks remotely, which requires secure, remote broadband access for remote deployment, monitoring and support of the system. Customer-provided high-speed internet access with a minimum bandwidth of 10 Mbps is required at the time of project kickoff and must remain available to Motorola Solutions throughout warranty and support periods to accommodate remote support of the system. In the event that dedicated links are required, a minimum of 7.5 Mbps upload and download access is required. It is the Customer's responsibility to ensure that the aforementioned capacity is available. In the event remote broadband access is not available to Motorola Solutions, preventing us from delivering the contracted service remotely, Motorola Solutions will provide service on-site at additional cost. The additional cost will be presented to the Customer via the change provision of the contract prior to the delivery of the on-site service.

PremierOne System CAD Client Network Requirements

The system is dependent on the Customer's LAN for client workstation performance. The estimated network requirement per CAD client with typical usage is 0.8 Mbps – 1.2 Mbps. The recommended built-to bandwidth is 2 Mbps per workstation. Peak load events (e.g. login) require higher bandwidth and higher bandwidth will generally be required for sites with higher quantities of users and greater data intensive operations such as complex map annotation sets and map manipulation if the data resides on the server. The bandwidth recommendations account for the operation of the LAN client to "not exceed the values" with the map data being stored locally on the client workstation. Additional bandwidth will be required for the transfer of large multimedia files, premise hazard data files and other large attachments.

Network latency plays a key role in the responsiveness of CAD client operations. The system is designed for optimal use on a local network environment where latency is very low. It is important that efforts be made to provide the lowest latency possible between the system CAD servers and each CAD client. PremierOne requires latency of no greater than 20ms round-trip from the client to the servers and back.

PremierOne CAD Mobile and Records Mobile Client Network Requirements

Both CAD Mobile and Records Mobile's functionality is designed for 3G and 4G networks. 3G network connectivity is required but 4G connectivity is highly recommended.

The Customer will need to provide 3G/4G wireless network infrastructure and connectivity with routing between the Mobile clients and both the primary and, as applicable, at secondary disaster recovery site. Mobile workstations require a persistent IP address from the time the application is opened to the time the application is closed. A persistent IP address can be accommodated in many ways including static IP, DHCP reservation, permanent DHCP lease, or with middleware such as RadioIP and NetMotion. The Customer will need to supply IP addresses for Mobile clients.

PremierOne Records Client Network Requirements

Records is dependent on the Customer's LAN for client workstation performance. The estimated bandwidth requirements between server and a records client can vary based on the activity of the user. It is when documents are being requested or submitted and searches are being performed, is when network bandwidth is required. During data entry, network requirements are minimal. Peak load events (e.g. login) require higher bandwidth and higher bandwidth will generally be required for sites with higher quantities of users and higher frequency data intensive operations including image display.

PremierOne Records Mobile Client Network Requirements

Records Mobile is designed for 3G and 4G networks. 3G network connectivity is required and 4G connectivity is highly recommended. The Customer will need to provide 3G/4G wireless network infrastructure and connectivity with routing between the Mobile clients and both the primary and, as applicable, secondary disaster recovery site. Mobile workstations require a persistent IP address from the time the application is opened to the time the application is closed. A persistent IP address can be accommodated in many ways including static IP, DHCP reservation, permanent DHCP lease, or with middleware such as RadioIP and NetMotion. The Customer will need to supply IP addresses for Mobile clients.

Motorola Solutions encourages the Customer to test and evaluate the level of service being provided by their carriers on a regular basis. This is to validate mobile applications will be not affected by provider changes.

1.7 CJIS and Compliance

At Motorola Solutions we believe compliance is a team effort. As our customers' partner in compliance, we are committed to employing privacy and security protocols that enable our customers to comply with the most stringent legal and regulatory requirements. In addition, we build on a strong foundation with an architecture (both Azure and on premise) designed and managed to meet a broad set of international compliance standards, as well as region-specific and industry-specific standards.

System services are designed to use FIPS certified technologies to protect data at rest and in transit. PremierOne services utilize FIPS compliant Transport Layer Security (TLS) 1.2 protocol with AES 256-bit message encryption to establish secure communication with PremierOne CAD, Records and Mobile Clients.

Motorola Solutions employs rigorous third-party audits to verify its adherence to security controls and standards. To demonstrate Motorola Solutions safeguarding of customer data, comprehensive third party audits of primary Software Enterprise development and support operations have been completed

and those operations have achieved ISO/IEC 27001:2013 (information security management systems) certification and AICPA SOC2 Type 2 reports are available. ISO/IEC 27017:2015 (information security controls for cloud services), ISO/IEC 27018:2019 (protection of personal information in public clouds) and ISO/IEC 27701:2019 (privacy information management) have been completed. Supplemental SOC2 Type 2 reports and ISO/IEC 27001:2013 certifications for the development and support operations at satellite locations have been completed.

Motorola Solutions understands our customers' critical need to safeguard the lifecycle of Criminal Justice Information. To support that need, Motorola Solutions designs its products and services to support compliance with the FBI's Criminal Justice Information Services (CJIS) Security Policy and we commit to the terms of the CJIS Security Addendum. With a dedicated team of CJIS compliance professionals, we assist our customers' through administering and coordinating CJIS compliant personnel credentialing, providing documentation assistance in connection with CJIS audits and advising on how to configure and implement our solutions in a manner consistent with the CJIS Security Policy.

Section 2

Statement of Work

2.1 Introduction

In accordance with the terms and conditions of the Agreement between Motorola Solutions ("Motorola") and the Gulf Coast Regional Information & Dispatch Consortium (GRID) (hereinafter referred to as "System Owner"), to add the Brazoria County Sheriff's Office; (hereinafter referred to as "Customer") as an agency on the GRID system. This Statement of Work ("SOW") defines the principal activities and responsibilities of all parties. When assigning responsibilities, the phrase "Motorola" includes our subcontractors and third-party partners if included in the solution.

Deviations and changes to this SOW are subject to mutual agreement between Motorola and the Customer and/or System Manager will be addressed in accordance with the change provisions of the Agreement.

Motorola, System Owner and the Customer will work to complete their respective responsibilities in accordance with the mutually agreed upon Project Schedule. Any changes to the Project Schedule will be mutually agreed upon via the change provision of the Agreement.

The number and type of software or subscription licenses, products, or services provided by Motorola or its subcontractors are specifically listed in the Agreement and any reference within this document as well as subcontractors' SOWs (if applicable) does not imply or convey a software or subscription license or service that are not explicitly listed in the Agreement.

2.2 Implementation Considerations and Assumptions

- Project Initiation and Planning will begin following the execution of the Agreement between Motorola and the System Owner.
- The Customer will engage directly with League City to enter into an Interlocal/User Agreement to become an agency on the GRID system.
- The System Owner will provision the Customer as an agency as part of the GRID system implementation project using the agency provisioning parameters currently configured for GRID consortium members.
- End-user training is being provided as depicted in the Training Plan (Section 3) by Motorola. Additional training may be provided by the System Owner through the System Owner Agreement. Training will be scheduled as part of the system rollout and in accordance with the GRID Consortium training schedule. Mobile and Records training will be provided by the System Owner and/or through the Learning Experience Portal (LxP) (computer-based, online training), which is provided by Motorola.
- System administration is provided by System Owner. Some administrative tasks and responsibilities may be provided to/required of, the Customer by the System Owner.
- The Customer will work with the System Owner to provide the GIS information for use with PremierOne.

- System reporting and dashboard reports will be provided by the System Owner and Motorola, please refer to Training Plan (Section 3).
- Data conversion, as stated in Section 1.3, will be provided by Motorola.
- Customer interfaces as defined in section 1.1.3 above will be deployed on the system and configured to support the functionality identified in the Interface Specifications Document for each interfaces. In the case of interfaces that are currently part of the GRID system, those interfaces will be configured as deployed on the current system.
- Functional testing will be performed as part of the initial deployment of the system at League City.
- Cutover/go-live to production use of the system will be performed by the System Owner. The timing and order of member agency cutovers will be in accordance with the project schedule developed between Motorola and the System Owner.

2.3 Interfaces and Integration

The installation, configuration, and demonstration of interfaces may be an iterative series of activities depending upon access to third-party systems. Interfaces will be installed and configured in accordance with the GRID Consortium contract. Integrated functionality between Motorola developed products will be completed through the software installation and provisioning activities described herein. Integration activities that have specific requirements will be completed as outlined in this SOW.

Interfaces that are currently part of the GRID system will be configured as deployed on the current system.

2.3.1 Interface Deployment

Connectivity will be established between the Motorola system and the external and/or third-party systems to which the contracted software will interface. Motorola will configure the system to support each contracted interface. The Customer is responsible for engaging third-party vendors if and as required to facilitate connectivity and supporting the GRID Consortium for testing of the interfaces.

Motorola Responsibilities

- Establish connectivity to external and third-party systems.
- Configure interfaces to support the functionality described in the System Description and reviewed during the Interface Planning Session.
- Validate each interface can transmit and/or receive data in accordance with the System Description.

Customer Responsibilities

- Act as liaison between Motorola, third-party vendors or systems, and the Consortium as required to establish interface connectivity with the Motorola system.
- Provide network connectivity between PremierOne and the third-party systems.

Motorola Deliverables

Title/Description
Contracted interfaces and integration.

2.4 System Training

Motorola training consists of computer-based (online) and instructor-led (on-site or remote). Training delivery methods vary depending on course content. Training is delivered in accordance with the Agreement between Motorola and the System Owner.

2.4.1 Learning eXperience Portal ("LXP" On-line Training)

PremierOne training is made available to the Customer, in part, via Motorola's LXP. This zero cost subscription service provides customers with continual access to Motorola's library of online learning content and allows your users to learn at times convenient to them. Content is added and updated on a regular basis to keep information current. Courses delivered or supplemented by LXP content are described in the Training Plan.

Motorola Responsibilities

- Training is provided in conjunction with the System Owner.

Customer Responsibilities

- Work with the System Owner to schedule training.
- Provide the System Owner with information to add to LXP.

2.4.2 Instructor-Led Training (On-site and/or Remote/virtual)

Motorola Responsibilities

- Work with the System Owner and Customer to schedule training sessions.

Customer Responsibilities

- Work with the System Owner to schedule training.
- Conduct/facilitate training of all end users in accordance with a Customer-developed training delivery plan.

Section 3

Training Plan

3.1 Instructor-Led Training Courses

Similar to the Workshops structure, instructor-led training offers guided instruction but in a classroom environment. Instructor-led training focuses on the mechanics of the application software features, functions, and use. In many cases the attendee must possess a common level of industry knowledge and complete LXP prerequisites in order to grasp the presented concepts and material.

Instructor-Led Training Course Information					
Solution Name	**Course Module**	**Maximum # of Attendees Per Course**	**# of Instances Included**	**Method of Instruction**	**Class Duration**
PremierOne CAD	PremierOne Computer Aided Dispatch Train-the-Trainer	12	1	LXP-P & On-site	32 hrs over 4 consecutive 8 hr days
	PremierOne Computer Aided Dispatch End User Training	12	1	LXP-P & On-site	32 hrs over 4 consecutive 8 hr days
PremierOne Records	PremierOne Records Train-the-Trainer	12	1	LXP-P & On-site	32 hrs over 4 consecutive 8 hr days
PremierOne Mobile	PremierOne Windows Mobile Training	12	1	LXP-P & On-site	Six 4 hr sessions over 3 consecutive 8 hr day
PremierOne Reporting Services	SSRS Report Builder Workshop in PremierOne for CAD	6	1	LXP-P, On-site & LXP-R	24 hrs over 3 consecutive 8 hr days
	SSRS Report Builder Workshop in PremierOne for RMS	6	1	LXP-P, On-site & LXP-R	24 hrs over 3 consecutive 8 hr days

3.2 Training Overview

The Customer Training Representative should be familiar with the Customer's daily operations and must attend (or designate a replacement) each Motorola training course. Motorola instructors will rely on this representative to be the one point of contact for Motorola staff when policy and procedural questions arise, act as course facilitator, and act as the Customer's training monitor. The Customer will also identify the personnel who will serve as trainers. These individuals must participate in all the Train-

the-Trainer courses. In addition to the skills described below, the Customer's trainers must have prior experience as a classroom instructor and a thorough understanding of the Customer's operations. Other courses will require participants from different areas of the Customer's operations as shown in the individual course descriptions, detailed in Section **Error! Reference source not found.**: **Error! Reference source not found.**.

3.3 Training Facilities and Schedules

On-site training will be conducted in a Customer provided training facility setup in classroom configuration with a workspace for attendee note taking, and computer and dual monitors for each attendee. Each instructor-led on-site session requires a projector, connected to the applicable Motorola system workstation, and a Dry erase-board for instructor's use. The on-site workshop format requires multi-monitor (minimum of three) workstations, one for each attendee.

For classes provided virtually, Motorola will provide the conference link and host information required for each attendee to join the session. The Customer is responsible for providing all equipment and remote access mechanism required to enable each attendee to join the Motorola hosted event.

At least (5) days prior to on-site training courses, the customer must supply Motorola with a roster of course attendees. Attendees should ensure access to the LXP and complete prerequisite training prior to the on-site training course start date.

At least two days prior to each on-site session, the instructor will have access to the training facility and all workstations for setup and workstation configuration. Motorola and the Customer shall mutually agree to training schedules to accommodate the Customer's shift operations and other site-specific requirements. Evening courses will end by 11:00 p.m. Weekends and Holidays will not be used as training days.

3.3.1 Training Methods and Procedures

Motorola offers on-site training and online training both coordinated with the LXP. Types of training courses include:

- Administrative workshops that provides specialized users with in-depth knowledge on the features, operational, and administrative functions of the system.
- Train the Trainer; instructor-led classroom training that provides key individuals with extensive hands-on use of the system utilizing true-to-life incident scenarios so they can develop and provide training to new users.
- End User Training; Instructor-led classroom training that provides users with instruction on subject matter relevant to their respective role in using and or supporting the PremierOne System. In addition to facilitated discussion, End User training consists of workshop elements where needed, to provide hands-on demonstration of the material being presented.
- Instructor-Led virtual online training that uses the LXP.
- Online "Anytime" training that uses the LXP.

Designated Motorola Instructors will provide application instruction using several techniques and materials:

- **Instructor Lesson Plan**: The instructor's tool for planning the detailed course content on a module-by-module basis.

- **Training Course Agenda**: A handout for attendee that outlines the course sequence of events including duration, and course modules.
- **Worksheets, Job-Aids, Quizzes**: Activities provided by the instructor to help attendees retain course information
- **Training Course Objectives**: The instructor's predefined course objectives. These are provided for Train-the-Trainer classes only.
- **Evaluations**: The Instructor Evaluation Form for attendees to complete on the final day of a training class, the attendees will be asked to complete an Instructor Evaluation form. They are optional forms and anonymity is acceptable.
- **Attendance Rosters**: A roster, provided by the Customer, listing the names of training participants five (5) days prior to the start of the course. Instructors will complete Attendance Rosters of actual participants for each day of training
- **Prerequisite training:** On demand LXP courses which provide base knowledge for all attendees prior to the start of on the on-site class.
- **Motorola User Documentation**: An electronic copy of the applicable Motorola Reference Manuals and documentation will be provided prior to training. The Customer is responsible for duplicating and delivering manuals to participating attendees prior to class commencement.

3.3.2 Session Attendance

Motorola is committed to providing a quality training experience and desires that the Customer receives the maximum benefit from each on-site training session. Each training session has been sized to provide the optimal training environment that meets the needs of the attendees in relation to the complexity of the material being presented. Given the nature of the material being presented and the intensity of the training, it is imperative that maximum course numbers not be exceeded. If the number of attendees in attendance exceeds the published maximum number of attendees and the list of participants identified on the training roster, Motorola will take corrective action, ensuring the integrity of the session is maintained and the attendee's ability to learn is protected. Motorola corrective action may include:

- Delaying the start of training until the number of attendees in attendance is in line with the maximum number of attendees allowed for the session.
- Splitting the class into multiple sessions. In such a case, the Customer will be charged for multiple occurrences of the class plus additional expenses, including travel related expenses incurred by Motorola Solutions.
- Delaying the classroom training until the Prerequisite training has been completed in the LXP by each attendee.

3.3.3 LXP Requirements

The LXP is accessed via an internet browser. Motorola will set up an individual instance of the Learning Management System, known as an organization. This provides autonomy to the agency utilizing LXP.

Accounts to access the LXP are created for each learner using their Email address. All attendees accessing LXP content must have their own account in the LXP. A learner will need to have access to the internet via a workstation, laptop, tablet or smartphone to access learning.

Customer LXP Administrators will be given the ability to build Groups, a more granular segmentation of the LXP that is generally utilized to separate learners of functions (i.e. dispatchers, call takers, patrol,

firefighter). One attendee can be assigned to multiple groups if necessary. Attendees can be assigned to some or all of the content in a Learning Path, a collection of courses that include like-minded courses.

In most cases audio accompanies visual display; speakers or headsets are recommended to utilize full functionality of the LXP. Course assessment evaluations are also accessed via the LXP. Access to these evaluations in the classroom is suggested.

3.3.3.1 LXP Learner Subscription Package

Learner-level subscriptions have been included for personnel who are expected to be users of one or more products. Customer resources will have access to the LXP training materials during deployment and as long as the post-live subscription is maintained during the warranty/maintenance period. Learner-level subscriptions allow access to all materials available for the applications included in this Training Plan. A Learner-level subscription that allows the Customer to upload their own content is available at an additional cost

Section 4

Pricing & Payment Terms

4.1 Pricing Summary-Year 1

Description	Qty	Sale Price Year 1
PremierOne CAD License	9	$159,210
PremierOne CAD Mobile License	286	$300,589
PremierOne CAD Mobile iOS/Android License	24	$14,289
PremierOne RMS	186	$170,190
PremierOne RMS Mobile	253	$231,495
CommandCentral Evidence		$220
Site License Fee		included
Interface Fees		$21,000
Implementation Costs		$888,598
System Total Year 1:		**$1,785,591**

4.2 Support Services Annual Pricing Summary

Description	Annual Sale Price
Year 1	Included Above
Year 2	$211,588
Year 3	$221,736
Year 4	$232,391
Year 5	$243,578
Year 6	$255,325
Year 7	$267,659
Year 8	$280,610
Year 9	$294,209
Year 10	$308,487
Subscriptions/Maintenance Total Out-Years 2 - 10	**$2,315,585**
SYSTEM GRAND TOTAL 10 YEAR TERM:	**$4,101,176**

4.3 Payment Terms

Except for a payment that is due on the Effective Date, Customer will make payments to Motorola within thirty (30) days after the date of each invoice. Customer will make payments when due in the form of a check, cashier's check, or wire transfer drawn on a U.S. financial institution. If Customer has purchased additional Professional or Subscription services, payment will be in accordance with the applicable addenda. Payment for the System purchase will be in accordance with the following milestones.

System Purchase Milestones related to Year 1 per section 3.1 below:

1. 25% at Contract Signing
2. 25% Upon Delivery of Applicable System Hardware and Application Software to Customer Site
3. 25% Upon Installation of System Hardware at Customer Site
4. 25% Final Acceptance

For Lifecycle Support Plan and Subscription Based Services for Years 2-10 per Section 5 below: Motorola will invoice Customer annually in advance of each year of the plan.

Section 5

Terms and Conditions

Motorola's proposal is valid for 180 days from the date of the cover letter. Motorola's Proposal is subject to the terms and conditions of the State of Texas DIR-CPO-5433 contract, its exhibits, and applicable Addenda. After the first year warranty, adjustments on Maintenance and Support will be completed on an annual basis which will be provided in the form of an agency "usage percentage" that is subject to the terms and conditions of the attached Shared Agency Agreement ("SAA"), which is subject to and governed by the terms of the Master Customer Agreement ("MCA") and its Exhibits and Addenda (including Motorola's Maintenance and Support Agreement) as agreed to and executed by League City, on behalf of the GRID Consortium, and Motorola Solutions on March 16, 2022.

Brazoria County may accept this proposal by returning a signed copy of the attached SAA. Any purchase order should specifically reference "PO is subject to Motorola's proposal dated November 8, 2024 and the terms and conditions of the State of Texas DIR-CPO-5433 contract, its exhibits, and applicable Addenda." Additionally, this proposal to join the shared system is contingent upon Brazoria County Sheriff's Office receiving approval from the GRID Consortium Board of Chiefs.

Data Location Disclaimer: Data for the State of Texas Customer may be exported by Provider if (1) access is needed for internal business purposes such as processing orders or invoices to Poland, or (2) access to City Data is necessary to enable third tier development support personnel located outside of the United States to perform fixes or other remedial services associated with the products and services purchased hereunder.

Product Accessibility Disclaimer: Motorola Solutions provides products geared towards law enforcement professionals in their day-to-day operations and as such, our mobile video products are provided to work in and be supported in that environment. This Agreement encompasses a large variety of products, and as such accessibility for mobile video products may vary based on its environment and function, as such the accessibility requirements in this section shall not apply to Mobile Video Products. To the extent that accessibility standards could be applicable and/or commercially feasible for the applicable products and their environment, the DIR agencies may request that Motorola Solutions either provide the most recent VPAT assessment (if available), complete a VPAT assessment in a reasonable timeframe, or respond to an accessibility information requests within in reasonable timeframe.

Shared Agency Agreement

This Shared Agency Agreement ("**SAA"**) is entered into between Motorola Solutions Inc. ("**Motorola**") and the entity set forth below or in the MCA ("**Customer**" or "**Host Agency**") and will be subject to and governed by the terms of the Master Customer Agreement ("**MCA**") and any addendum ("**Addendum**" and collectively, the "**Addenda")** entered into between the Parties, effective as of _____. Capitalized terms used in this SAA, but not defined herein, will have the meanings as set forth in the MCA.

By entering into this SAA, the Shared Agency affirms that they will fund their shared costs of the system and services, per the terms of the MCA and as identified in the pricing section of the attached Addenda. Shared Agency agrees that a purchase order or other notice to proceed is not required for contract performance or for subsequent years of service, if any, and that Customer will appropriate funds according to the Payment Schedule. Motorola will invoice the Shared Agency upon contract execution for the shared costs of the up-front implementation of the system and Motorola will invoice the Shared Agency annually for their portion (if any) of ongoing annual maintenance and subscription services identified in the Addenda.

Section 1: Definitions

1.1 Shared Agency - A "Shared Agency" is an agency that has purchased the right and license to use the same copy of the Software currently licensed by Motorola to the Host Agency, as set forth in the MCA.

1.2 Host Agency – The "Host Agency" is a current Motorola licensee and customer that is authorized by Motorola and has agreed to share its use of the Software installed at its facilities with the Shared Agency.

1.3 Software—"Software" means the PremierOne software licensed hereunder.

Section 2: License

2.1 Grant of License. Motorola grants to Shared Agency a non-exclusive, non-transferable license to use the same copy of the Software, its Documentation and other related materials, which are presently licensed to the Host Agency, subject to the terms and conditions set forth in the MCA, as well as the terms and conditions specified in this SAA. The license fees paid by Shared Agency to Motorola shall be the same as those paid to Motorola by the Host Agency. Shared Agency agrees to comply with all such terms and conditions of the MCA and this SAA.

2.2 Termination. This SAA will terminate automatically if and when the MCA terminates for any reason. Motorola or the Host Agency may immediately terminate this SAA and license at any time if the Shared Agency breaches the terms of this SAA or the MCA. The Host Agency may terminate this SAA at any time, with or without cause, upon ninety (90) days prior written notice to Motorola and the Shared Agency, unless otherwise agreed in writing by the Host Agency.

2.3 No Assignment. The Shared Agency may not assign or transfer this SAA to any other entity or agency, including by operation of law, without the prior written consent of the Host Agency and Motorola, which shall not be unreasonably withheld.

Section 3: Scope of Rights

3.1 Support and Services. Shared Agency understands that, unless otherwise agreed in writing by all parties, all assistance, support and maintenance services for the Software may be obtained by Shared Agency only through the Host Agency. This SAA does not entitle Shared Agency to any Motorola services beyond the license to use the Software.

3.2 Warranty. The Representations and Warranties for the Software is defined in Section 6 of the MCA is limited to the remaining time, if any, originally granted under the MCA.

Accepted and Approved:

Brazoria County	**Motorola Solutions, Inc.**
Signature: _____	Signature: _____
Print Name: _____	Print Name: _____
Title: _____	Title: _____
Date: _____	Date: _____

Section 6

Attachments

Interface Functional Descriptions will be delivered during deployment.