



## PEMBROKE PINES FIRE-RESCUE, CITY OF

APX NEXT XN

04/14/2023

04/14/2023

PEMBROKE PINES FIRE-RESCUE, CITY OF  
9500 PINES BLVD BLDG B 2ND FL  
PEMBROKE PINES, FL 33024

RE: Motorola Quote for APX NEXT XN  
Dear Jason Stepp,

Motorola Solutions is pleased to present PEMBROKE PINES FIRE-RESCUE, CITY OF with this quote for quality communications equipment and services. The development of this quote provided us the opportunity to evaluate your requirements and propose a solution to best fulfill your communications needs.

This information is provided to assist you in your evaluation process. Our goal is to provide PEMBROKE PINES FIRE-RESCUE, CITY OF with the best products and services available in the communications industry. Please direct any questions to Denise Contreras at [dcontreras@emciwireless.com](mailto:dcontreras@emciwireless.com).

We thank you for the opportunity to provide you with premier communications and look forward to your review and feedback regarding this quote.

Sincerely,

*Denise Contreras*

Denise Contreras

Motorola Solutions Manufacturer's Representative

Billing Address:  
PEMBROKE PINES FIRE-  
RESCUE, CITY OF  
9500 PINES BLVD BLDG B 2ND  
FL  
PEMBROKE PINES, FL 33024  
US

Shipping Address:  
PEMBROKE PINES FIRE-  
RESCUE, CITY OF  
9500 PINES BLVD BLDG B 2ND  
FL  
PEMBROKE PINES, FL 33024  
US

Quote Date:04/14/2023  
Expiration Date:06/13/2023  
Quote Created By:  
Denise Contreras  
dcontreras@emciwireless.com  
  
End Customer:  
PEMBROKE PINES FIRE-RESCUE, CITY  
OF  
Jason Stepp  
jstepp@ppines.com  
Contract: NASPO 00318

| Line # | Item Number  | Description                                 | Qty | Term | List Price | Disc %   | Sale Price | Ext. Sale Price |
|--------|--------------|---|-----|------|------------|----------|------------|-----------------|
|        | APX™ NEXT    | APX NEXT XN SINGLE BAND                     |     |      |            |          |            |                 |
| 1      | H45TGU9PW8AN | APX NEXT XN; SINGLE BAND MODEL 4.5 PORTABLE | 47  |      | \$8,841.00 | 27.0%    | \$6,453.93 | \$303,334.71    |
| 1a     | QA00569AP    | ADD: 7/800MHZ BAND                          | 47  |      | \$0.00     | 0.0%     | \$0.00     | \$0.00          |
| 1b     | QA00571AS    | ADD: UHF BAND+                              | 47  |      | \$800.00   | 27.0%    | \$584.00   | \$27,448.00     |
| 1c     | BD00004AA    | ADD: CORE BUNDLE XN                         | 47  |      | \$2,996.00 | 27.0%    | \$2,187.08 | \$102,792.76    |
| 1d     | Q387CB       | ADD: MULTICAST VOTING SCAN                  | 47  |      | Included   | Included | Included   | Included        |
| 1e     | Q806CH       | ADD: ASTRO DIGITAL CAI OPERATION            | 47  |      | Included   | Included | Included   | Included        |
| 1f     | Q361CD       | ADD: P25 9600 BAUD TRUNKING                 | 47  |      | Included   | Included | Included   | Included        |
| 1g     | QA03399AK    | ADD: ENHANCED DATA                          | 47  |      | Included   | Included | Included   | Included        |
| 1h     | Q15AU        | ADD: AES/DES-XL/DES-OFB ENCRYPTION AND ADP  | 47  |      | Included   | Included | Included   | Included        |
| 1i     | QA00580BA    | ADD: TDMA OPERATION                         | 47  |      | Included   | Included | Included   | Included        |



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Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800

| Line # | Item Number | Description                              | Qty | Term | List Price | Disc %   | Sale Price | Ext. Sale Price |
|--------|-------------|--|-----|------|------------|----------|------------|-----------------|
| 1j     | QA09001AM   | ADD: WIFI CAPABILITY                     | 47  |      | Included   | Included | Included   | Included        |
| 1k     | QA09028AA   | ADD: VIQI VC RADIO OPERATION             | 47  |      | Included   | Included | Included   | Included        |
| 1l     | H38DA       | ADD: SMARTZONE OPERATION                 | 47  |      | Included   | Included | Included   | Included        |
| 1m     | BD00010AA   | ADD: SECURITY BUNDLE                     | 47  |      | \$1,023.00 | 27.0%    | \$746.79   | \$35,099.13     |
| 1n     | Q498BN      | ENH: ASTRO 25 OTAR W/ MULTIKEY           | 47  |      | Included   | Included | Included   | Included        |
| 1o     | QA01767BL   | ADD: P25 LINK LAYER AUTHENTICATION       | 47  |      | Included   | Included | Included   | Included        |
| 1p     | H797DW      | ENH: DVP-XL ENCRYPTION AND ADP           | 47  |      | Included   | Included | Included   | Included        |
| 1q     | QA09016AA   | ADD: LTE FOR VERIZON LTE SERVICE         | 47  |      | \$0.00     | 0.0%     | \$0.00     | \$0.00          |
| 1r     | QA01648AA   | ADD: HW KEY SUPPLEMENTAL DATA            | 47  |      | \$6.00     | 27.0%    | \$4.38     | \$205.86        |
| 1s     | QA09030AA   | ADD: MOTOROLA HOSTED RADIOCENTRAL W CPS* | 47  |      | \$0.00     | 0.0%     | \$0.00     | \$0.00          |
| 1t     | QA08674AA   | ADD: APX NEXT XVN500 RSM-NFPA            | 47  |      | \$0.00     | 0.0%     | \$0.00     | \$0.00          |
| 1u     | QA08852AA   | ADD: LEATHER CARRY CASE XN               | 47  |      | \$114.00   | 27.0%    | \$83.22    | \$3,911.34      |
| 1v     | H637AA      | ADD: APX NEXT DMS BUNDLE PROMO           | 47  |      | -\$22.95   | 0.0%     | -\$22.95   | -\$1,078.65     |
| 1w     | H638EA      | ADD: SMART LOCATE MAPPING TRIAL PROMO    | 47  |      | -\$56.00   | 0.0%     | -\$56.00   | -\$2,632.00     |
| 1x     | H636AB      | ADD: APX NEXT APPLICATION BUNDLE PROMO   | 47  |      | -\$300.00  | 0.0%     | -\$300.00  | -\$14,100.00    |



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| Line # | Item Number  | Description   | Qty | Term      | List Price | Disc % | Sale Price | Ext. Sale Price |
|--------|--------------|---|-----|-----------|------------|--------|------------|-----------------|
| 2      | LSV01P01415A | APX NEXT DMS<br>ADVANCED W ACC<br>DMG-PROMO   | 47  | 12 MONTHS | \$179.40   | 0.0%   | \$179.40   | \$8,431.80      |
| 3      | LSV01S01411A | APX NEXT DMS<br>ESSENTIAL W ACC DMG   | 47  | 24 MONTHS | \$368.00   | 0.0%   | \$368.00   | \$17,296.00     |
| 4      | SSV01P01407B | SMARTPROGRAMMING<br>PROMO   | 47  | 1 YEAR    | \$75.00    | 0.0%   | \$75.00    | \$3,525.00      |
| 5      | SSV01P01406A | SMARTCONNECT<br>PROMO   | 47  | 1 YEAR    | \$75.00    | 0.0%   | \$75.00    | \$3,525.00      |
| 6      | SSV01P01476A | SMARTLOCATE PROMO   | 47  | 1 YEAR    | \$75.00    | 0.0%   | \$75.00    | \$3,525.00      |
| 7      | SSV01P01902A | SMARTMAPPING<br>PROMO   | 47  | 1 YEAR    | \$75.00    | 0.0%   | \$75.00    | \$3,525.00      |
| 8      | SSV01P01685B | ELIGIBLE FOR PROMO -<br>CC AWARE STARTER  | 47  | 1 YEAR    | \$56.00    | 0.0%   | \$56.00    | \$2,632.00      |
| 9      | PSV00S01424A | APX NEXT<br>PROVISIONING*   | 1   |           | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 10     | PSV01S02940A | SMARTMAPPING<br>ENABLEMENT  | 1   |           | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 11     | PSV01S02944A | PROVISIONING<br>SUPPORT   | 1   |           | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 12     | PMNN4812A    | BATTERY PACK, BATT<br>IMPRES 2 LIION UL DIV2<br>IP68 3400T  | 47  |           | \$285.00   | 27.0%  | \$208.05   | \$9,778.35      |
| 13     | PMMN4138A    | ACCESSORY<br>KIT,ACCESSORY KIT,<br>XVN500 REMOTE<br>SPEAKER MIC, HIGH<br>IMPACT GREEN<br>WITHOUT KNOB | 53  |           | \$775.00   | 27.0%  | \$565.75   | \$29,984.75     |
| 14     | NNTN9115A    | CHARGER, MULTI-UNIT,<br>IMPRES G2, 6-DISP,<br>US/NA/CA/LA PLUG,<br>ACC-CHARGER                        | 12  |           | \$1,420.20 | 27.0%  | \$1,036.75 | \$12,441.00     |

Grand Total **\$549,645.05(USD)**

### Notes:

- Additional information is required for one or more items on the quote for an order.



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## APX NEXT Recurring Services & Subscriptions starting in Year 2

| Item Number   | Description                   | Quantity | Unit Recurring Sale Price | # of Years | Ext. Sale Price |
|---|-------------------------------|----------|---------------------------|------------|-----------------|
| PICK AT LEAST 4 FROM BELOW FOR \$75/FEATURE/DEVICE/YEAR, OTHERWISE EACH FEATURE COSTS \$144/DEVICE/YEAR |                               |          |                           |            |                 |
| SSV01P01407B  | APX NEXT SMARTPROGRAMMING     | 47       | \$300.00                  | 1 YEAR     | \$14,100.00     |
| SSV01P01476A  | APX NEXT SMARTLOCATE          |          |                           |            |                 |
| SSV01P01902A  | APX NEXT SMARTMAPPING         |          |                           |            |                 |
| SSV01P01901A  | APX NEXT SMARTCONNECT         |          |                           |            |                 |
| SSV01P01901A  | APX NEXT SMARTMESSAGING       |          |                           |            |                 |
| SSV01P01408B  | APX NEXT VIQI VIRTUAL PARTNER |          |                           |            |                 |

| SOFTWARE AND USER LICENSE FEES |   |   |            |        |            |
|--------------------------------|---|---|------------|--------|------------|
|                                | COMMANDCENTRAL AWARE PATROL - FOR SMARTLOCATE and SMART MAPPING (Includes 20 named user logins, up to 100APX NEXT radios) | 1 | \$3,400.00 | 1 YEAR | \$3,400.00 |

### PAYMENT

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.

Subscribers will be invoiced upon shipment (as shipped). Lifecycle Services and Subscription based Services will be invoiced annually in advance.

Motorola's quote (Quote Number: \_\_\_\_\_ Dated: \_\_\_\_\_) is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then the following Motorola's Standard Terms of use and Purchase Terms and Conditions govern the purchase of the Products which is found at <http://www.motorolasolutions.com/msi/omterms>.

The Parties hereby enter into this Agreement as of the Effective Date.

Motorola Solutions, Inc.

Customer

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.



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## APX NEXT RADIO SOLUTIONS

### Overview

APX NEXT is Motorola Solutions' next-generation P25 platform purpose-built for first responders to access and act on information while maintaining focus in critical situations. Across all aspects of the radio experience—deployment, operation, maintenance, and evolution—APX NEXT brings critical advancements to usability and performance. Equipped with broadband, LTE, Wi-Fi, Bluetooth 5.0, and GPS capabilities, APX NEXT extends future-ready performance, applications, and full interoperability to the field and control room to transform accurate data into smarter action.

Key benefits of the APX NEXT include the following:

- **SmartTouch Experience** – Easier operation centered around a redefined 3.6" impact resistant touch display and shallow menu hierarchy. This cleaner and more intuitive visual layout increases the usability of the APX NEXT radio and helps users find the information they need without pause or distraction.
- **Ruggedized, Ergonomic Design** – Increased personnel safety and efficiency with an improved T-Grip ergonomic design, full-color top display, and tactile knobs for efficient use in emergency situations. Patented touch technology enables for reliable gloved use, while also making the screen immune to false actuations from water, snow, ice, or debris. The APX Next device meets the same MIL standards for ruggedization achieved by Motorola Solutions' APX platform radios.
- **Easy Fleet Management** – Easier and quicker radio provisioning, remote software updates, and streamlined management reduce downtime and support control center staff. Motorola Solutions' Device Management Services (DMS) maximize the effectiveness of APX NEXT, reducing maintenance risk, workload, and total cost of ownership. DMS brings RadioCentral (RC) programming to APX NEXT, as well, supporting faster provisioning and deployment to get devices in the hands of responders and out into the field.
- **Secure Communications** – Hardened End-to-End security allows only authorized units in the system to listen to transmissions. Real-time security provides seamless protection from the device and data in transit to the cloud and the LMR system

### Evolving with Applications Services

APX NEXT Application Services enhance device capabilities and improve user experience. These applications are subscription-based offerings for easier optimization and scaling to meet evolving needs.

### SmartConnect

First responders need to know that they are covered and supported with critical intelligence no matter where the mission takes them. The SmartConnect application keeps users connected and maintains critical LMR features through a broadband connection by extending Land Mobile Radio (LMR) networks for voice and data coverage outside normal LMR service areas. By seamlessly switching between P25 LMR and LTE cellular networks, SmartConnect extends reliable PTT communications as radio users roam onto supported broadband networks. Authentication, status, talkgroups, and encryption are all preserved automatically, without interruptions or resets to ensure that end users continue to have access to the critical features they need in emergency situations.

### SmartLocate

The SmartLocate application provides dispatchers with accurate location data over a broadband network, enabling better tracking of field personnel and improved situational awareness. By using the broadband



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network and CommandCentral Aware integration, SmartLocate can quickly send GPS coordinate updates and location information from the field to dispatchers to create a more effective operating picture of any situation. This gives dispatchers a greater ability to manage incidents and efficiently dispatch available units with confidence that resources are allocated where necessary. Access to CommandCentral Aware is not included with a SmartLocate subscription.

## **SmartProgramming**

Leveraging DMS and RadioCentral provisioning capabilities, the SmartProgramming application allows APX NEXT radios to be updated anywhere within an agency's local LTE network coverage area. APX NEXT devices no longer need to be tied to a computer via USB cable, limited to WiFi network coverage, or gated by Land Mobile Radio (LMR) bandwidth. SmartProgramming allows the APX NEXT device to take advantage of LTE broadband data speeds to pull programming jobs from RadioCentral devices in minutes.

## **SmartMapping**

The SmartMapping application provides precise and accessible location information for field users on APX NEXT's modernized map interface, improving situational awareness and informing response. Users can see their own location and the location/status of other officers at a glance and immediately tap to communicate with these personnel. SmartMapping streamlines engagement by providing access to the application directly from the APX NEXT radio's home screen to best support users wherever the mission takes them.





## OVERVIEW

APX NEXT is Motorola Solutions' next-generation P25 platform purpose-built for first responders to access and act on information while maintaining their focus in critical situations. With a natural and accessible touch interface, best-in-class audio optimized for high-noise environments, and extended coverage through broadband connectivity, APX NEXT delivers actionable intelligence to the point of engagement for personnel to stay connected and in control wherever the mission takes them.

Equipped with broadband, LTE, WiFi, Bluetooth 5.0, and GPS capabilities, APX NEXT brings future-ready applications, services, and best-in-class connectivity to the field and control room. The APX NEXT platform's cloud-based provisioning system will allow your agency to quickly procure, provision, and update the APX NEXT fleet, reducing the downtime needed to get devices into the field and saving your support staff valuable time.



Key benefits and advanced capabilities of the APX NEXT device include the following:

- **SmartTouch Experience** – Easier operation with a redefined touch UI, centered around a new 3.6" impact resistant touch display and shallow menu hierarchy that offer more information at a glance and quicker engagement with critical applications. This cleaner and more intuitive visual layout increases the usability of the APX NEXT radio and helps your users find the information they need without pause or distraction.
- **Ruggedized, Ergonomic Design** – Increased personnel safety and efficiency with an improved T-Grip ergonomic design, full-color top display, and tactile knobs for efficient use in emergency situations. Patented touch technology enables for reliable gloved use, while also making the screen immune to false actuations from water, snow, ice, or debris. The APX Next device meets the same MIL standards for ruggedization achieved by our APX platform radios.
- **Interoperability** – Supports all public safety frequency bands (7/800 MHz, VHF, UHF) for full interoperability across radio systems with minimal intervention by the radio user.
- **Easy Fleet Management** – Easier and quicker radio provisioning, remote updates, and streamlined management for support staff, delivering greater awareness of your APX NEXT fleet. Using Motorola Solutions' cloud-based RadioCentral (RC) programming, APX NEXT supports faster provisioning and deployment to get devices in the hands of responders and out into the field.

Across all aspects of the radio experience — deployment, operation, maintenance, and evolution — APX NEXT brings critical advancements to usability and performance. This platform brings streamlined interfaces, accelerated workflows, and mission-critical reliability to your agency's operation, while the focus that responders, dispatchers, and technicians need to stay safe and effective is protected.



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**Evolving with Application Services**

If proposed, a host of application services will enhance the APX NEXT device's capabilities in the following ways:

- Quick access to immediate, actionable intelligence via intuitive voice control and ViQi—a virtual partner that can run tags and provide detailed information through voice.
- Better coverage through automatic switching between LMR and broadband connectivity via SmartConnect.
- Accurate location data over a broadband network for more informed decision making via SmartLocate.
- Immediate software and security updates in the field using high-speed bandwidth and extended coverage of LTE networks via SmartProgramming.
- Precise and accessible location information for field users on a modernized map interface via SmartMapping.
- Seamless and discrete multimedia communications over a broadband connection via SmartMessaging.

**Managing and Provisioning Devices**

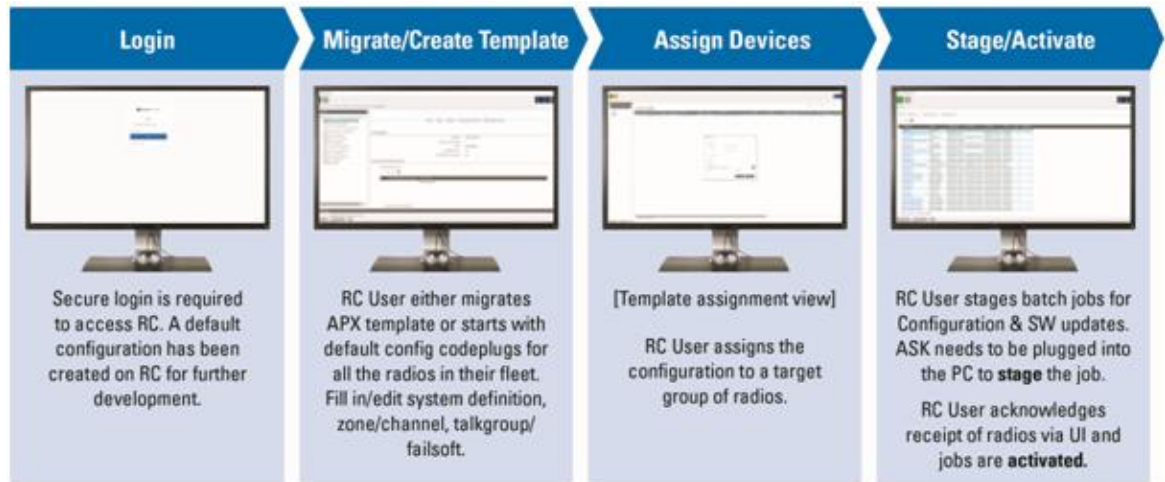
APX NEXT delivers greater awareness and faster management of radio fleets with optimized provisioning, networking, and monitoring tools that transform accurate data into smarter action. These features enable dispatchers and network managers to make more informed operational decisions, keep radios in the field, and, above all, protect first responders' focus and safety.

Device Management Services (DMS) packages provide programming, management, and maintenance services to maximize the effectiveness of this APX NEXT solution, while reducing maintenance risk, workload, and total cost of ownership. The DMS packages are separated into tiers designed for a range of customer needs, whether the solution is self-maintained or managed by Motorola Solutions.

Using Motorola Solutions' cloud-based RadioCentral (RC) programming, APX NEXT supports faster provisioning and deployment to get devices in the hands of responders and out into the field. Parameters such as talk groups, interface options, and security keys can be programmed remotely within minutes. Access to RadioCentral is provided through the Device Management Service package.

The figure below illustrates the expedited RC provisioning process of APX NEXT.





**APX NEXT Provisioning Process via RadioCentral**

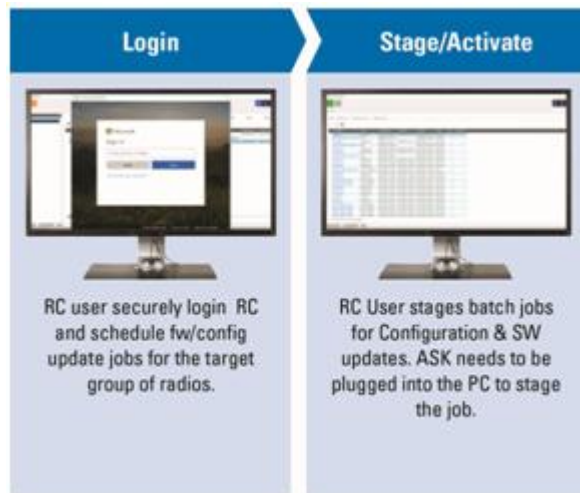
The APX NEXT out-of-the-box experience is streamlined with a few simple steps. Users will power on the device and view a boot-up animation with startup. Status bar icons on the front display indicate when a connection is made and an update download is initiated. If the APX NEXT device is being started for the first time, a “peek-in” device management notification will indicate that the default configuration is detected. When the update download is complete, the device reboots and installs the update. When the install is complete, the device goes back to the full home screen and notifies the user that the update is complete. For Encryption and Authentication users, a KVL needs to be connected to the radio for those services. From power on to provisioning completion takes less than a minute.

### **Evolving with Updates and Upgrades**

APX NEXT is a future-ready platform that will evolve alongside users through updates and upgrades, delivering expanded mission-critical capabilities while keeping personnel in the field where they are needed. To this end, APX NEXT eliminates the extended downtime and shop visits often associated with device upgrades; now, software patches can be automatically installed regardless of geographic location over a broadband connection, or, if proposed, immediately pushed to the field over LTE with Motorola Solutions’ SmartProgramming service.

This streamlined process eliminates bottlenecks in the upgrade process and delivers important new features into users’ hands. Firmware upgrades will also fit more seamlessly into workflows to avoid unnecessary disruptions. The figure below illustrates how feature updates are easily deployed to the entire radio fleet.





**Typical Firmware and Configuration Update Process via RadioCentral**

If a situation occurs where users do not have the time for an update, those updates can be delayed through a prompt until the next power cycle. This puts personnel directly in control of when updates work best for responders, especially in the chaotic environment of public safety. A snapshot of the APX NEXT device with “Install Update” prompt is shown below.



**APX NEXT In-Field Update on the Device**

## Providing Insight

SmartInsight services provide an end-to-end view into your agency’s APX NEXT device usage. From 24/7 monitoring and data collection to actions pertaining to fleet management, SmartInsight helps administrators collect, analyze, report, and act on diagnostic information



to optimize your APX NEXT fleet's performance. The application is easy-to-view, with accessible interactive dashboards to gain more visibility into the fleet's health status.

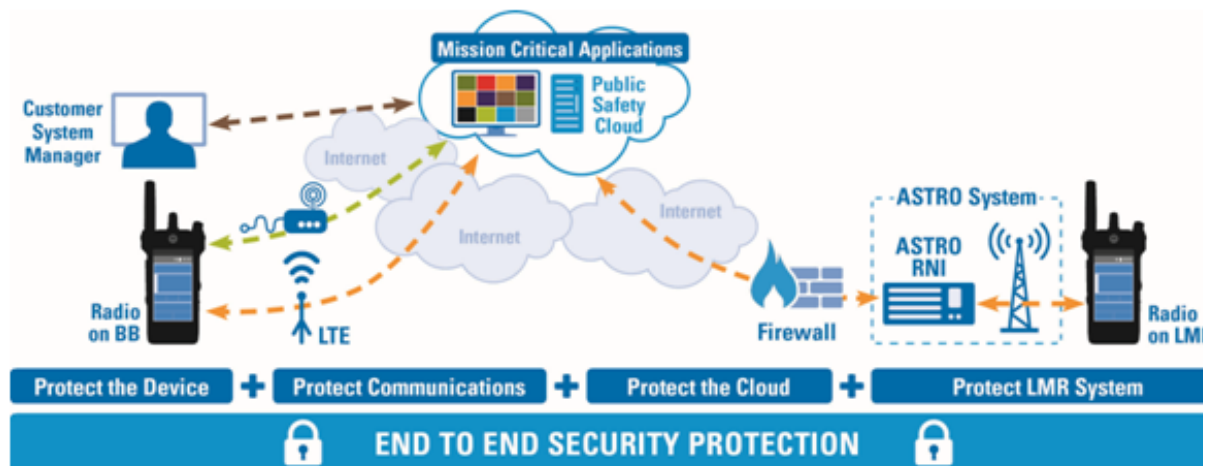
SmartInsight delivers the following capabilities to enhance APX NEXT operations:

- Monitor various device parameters like signal strength, device usage, and inventory data.
- Store collected information securely in the cloud, where data exploration, cleansing, and correlation is performed to extract descriptive, predictive, and prescriptive insights for device management.
- Set up notification alerts and use analytics to take corrective actions and identify potential issues before they occur.

## Securing Communications

APX NEXT uses Motorola Solutions' hardened End-to-End security to protect communications and allow only authorized units in the system to listen to transmissions. End-to-End security provides seamless protection from the device and data in transit to the cloud and the LMR system.

This solution ensures each component in the system is designed and validated against ongoing threat assessments to ensure vulnerabilities are detected and remedied, while potential new vulnerabilities will be addressed with seamless security updates. This offers transparent, real-time protection and keeps critical information and infrastructure safe.



**Motorola Solutions' End-to-End Security Solution**



## SmartProgramming Application Service

Leveraging Device Managed Services (DMS) and RadioCentral provisioning capabilities, the SmartProgramming application allows radios to be updated anywhere within an agency's local LTE network coverage area. APX NEXT devices no longer need to be tied to a computer via USB cable, limited to WiFi network coverage, or gated by Land Mobile Radio (LMR) bandwidth. SmartProgramming allows the APX NEXT device to take advantage of LTE broadband data speeds to pull programming jobs from RadioCentral devices in minutes.

The SmartProgramming Application Service is proposed as a subscription-based model to optimize budget and scale to meet evolving needs.

## SmartLocate Application Service

The APX NEXT SmartLocate feature provides dispatchers with accurate location data over a broadband network, enabling better tracking of field personnel and improved situational awareness. By using the broadband network and CommandCentral Aware capabilities, SmartLocate can quickly send GPS coordinate updates and location information from the field to dispatchers to create a more effective operating picture of any situation. This gives dispatchers a greater ability to manage incidents and efficiently dispatch available units with confidence that resources are allocated where necessary.

The use of broadband increases the frequency of location reporting beyond an LMR system, improving location accuracy and allowing for a higher number of users without LMR infrastructure capacity limitations.

The CommandCentral Aware tool set features location triggers that include time, distance, push-to-talk (PTT), emergency, and accelerated cadence during emergency.

The SmartLocate Application Service is proposed as a subscription-based model that optimizes budget and scales to meet evolving needs. SmartLocate provides enhanced capabilities to existing CommandCentral Aware application investments. Access to CommandCentral Aware is not included with the SmartLocate subscription.



## SMARTCONNECT APPLICATION SERVICE

First responders need to know that they are covered and supported with critical intelligence no matter where the mission takes them. Leveraging APX NEXT and supported devices, SmartConnect keeps users connected and maintains critical LMR features through a broadband connection. By seamlessly switching between P25 LMR and LTE cellular networks, SmartConnect extends reliable PTT communications as radio users roam onto supported broadband networks. Authentication, status, talkgroups, and encryption are all preserved automatically, without interruptions or resets to ensure that end users continue to have access to the critical features they need in emergency situations.



**APX NEXT Network Elements of SmartConnect**

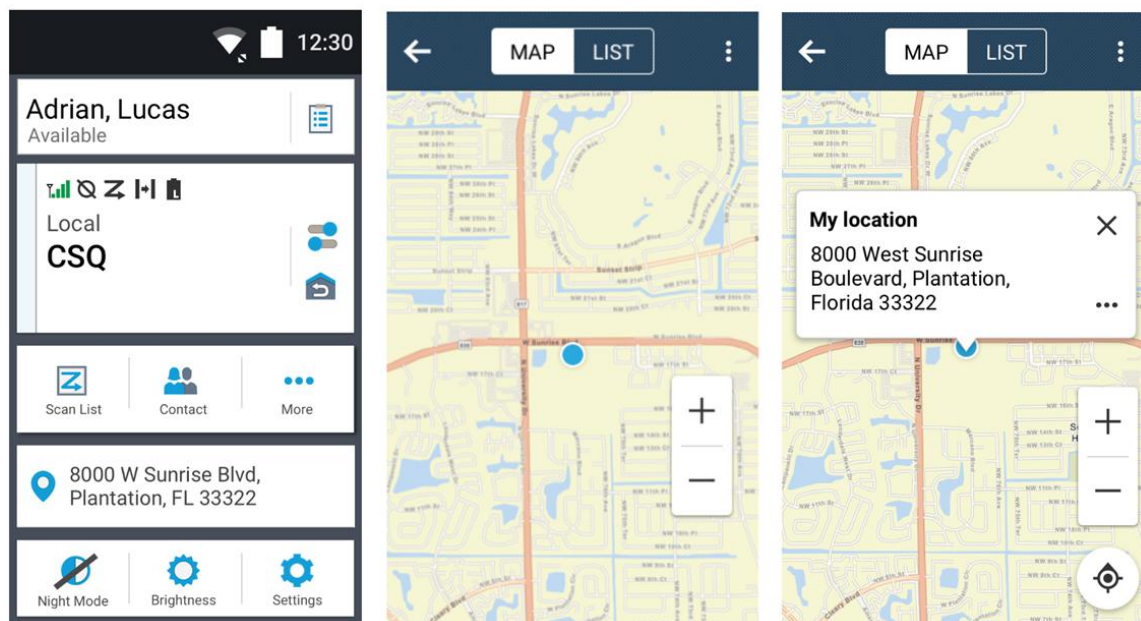
SmartConnect allows users to retain most P25 radio features when out of range of LMR, including the following:

- Agency Groups.
- Dynamic Regrouping.
- Call Alert.
- Emergency Call & Alarm.
- FDMA/TDMA to/from LMR System.
- Group Call Clear/Encrypted.
- Group Regrouping.
- Multigroup.
- PTT ID.
- Priority Monitor Scan.
- Radio Authentication.
- Radio Check.
- Radio Inhibit/Uninhibit.
- Radio Interrupt/Console Takeover.
- Status Update.
- ViQi Virtual Partner via LMR network.

The SmartConnect Application Service is proposed as a subscription-based model to optimize budget and scale to meet evolving needs

## SMARTMAPPING APPLICATION SERVICE

The SmartMapping application provides precise and accessible location information for field users on APX NEXT's modernized map interface, improving situational awareness and informing response. Users can see their own location and the location/status of other officers at a glance and immediately tap to communicate with these personnel. SmartMapping streamlines engagement by providing access to the application directly from the APX NEXT home screen to best support users wherever the mission takes them.



**SmartMapping Widget, Map View, and Location Pop-Up Display (Left to Right)**

SmartMapping also provides the following capabilities for APX NEXT users:

- Search for specific agency users to communicate with by using accessible, on-screen navigation and search tools.
- Select map layers to get a different view of an area, including Street View, Terrain, or Satellite Image.
- Adapt to changing agency needs as new integrations and capabilities are introduced into the SmartMapping application





## Purchase Order Checklist

Marked as PO/ Contract/ Notice to Proceed on Company Letterhead  
(PO will not be processed without this)

PO Number/ Contract Number

PO Date

Vendor = Motorola Solutions, Inc.

Payment (Billing) Terms/ State Contract Number

Bill-To Name on PO must be equal to the *Legal* Bill-To Name

Bill-To Address

Ship-To Address (If we are shipping to a MR location, it must be documented on PO)

Ultimate Address (If the Ship-To address is the MR location then the Ultimate Destination address must be documented on PO )

PO Amount must be equal to or greater than Order Total

Non-Editable Format (Word/ Excel templates cannot be accepted)

Bill To Contact Name & Phone # and EMAIL for customer accounts payable dept

Ship To Contact Name & Phone #

Tax Exemption Status

Signatures (As required)





## PEMBROKE PINES FIRE-RESCUE, CITY OF

APX8500 Dual Control Head and Single Control Head

04/14/2023



04/14/2023

PEMBROKE PINES FIRE-RESCUE, CITY OF  
9500 PINES BLVD BLDG B 2ND FL  
PEMBROKE PINES, FL 33024

RE: Motorola Quote for APX8500 Dual Control Head and Single Control Head  
Dear Jason Stepp,

Motorola Solutions is pleased to present PEMBROKE PINES FIRE-RESCUE, CITY OF with this quote for quality communications equipment and services. The development of this quote provided us the opportunity to evaluate your requirements and propose a solution to best fulfill your communications needs.

This information is provided to assist you in your evaluation process. Our goal is to provide PEMBROKE PINES FIRE-RESCUE, CITY OF with the best products and services available in the communications industry. Please direct any questions to Denise Contreras at [dcontreras@emciwireless.com](mailto:dcontreras@emciwireless.com).

We thank you for the opportunity to provide you with premier communications and look forward to your review and feedback regarding this quote.

Sincerely,

*Denise Contreras*

Denise Contreras

Motorola Solutions Manufacturer's Representative

Billing Address:  
PEMBROKE PINES FIRE-  
RESCUE, CITY OF  
9500 PINES BLVD BLDG B 2ND  
FL  
PEMBROKE PINES, FL 33024  
US

Shipping Address:  
PEMBROKE PINES FIRE-  
RESCUE, CITY OF  
9500 PINES BLVD BLDG B 2ND  
FL  
PEMBROKE PINES, FL 33024  
US

Quote Date:04/14/2023  
Expiration Date:06/13/2023  
Quote Created By:  
Denise Contreras  
dcontreras@emciwireless.com  
  
End Customer:  
PEMBROKE PINES FIRE-RESCUE, CITY  
OF  
Jason Stepp  
jstepp@ppines.com  
(954)499-9528  
  
Contract: NASPO 00318

| Line # | Item Number  | Description                              | Qty | List Price | Disc % | Sale Price | Ext. Sale Price |
|--------|--------------|--|-----|------------|--------|------------|-----------------|
|        | APX™ 8500    |  |     |            |        |            |                 |
| 1      | M37TSS9PW1AN | APX8500 ALL BAND MP<br>MOBILE            | 10  | \$5,667.00 | 27.0%  | \$4,136.91 | \$41,369.10     |
| 1a     | QA01648AA    | ADD: HW KEY<br>SUPPLEMENTAL DATA         | 10  | \$6.00     | 27.0%  | \$4.38     | \$43.80         |
| 1b     | GA09007AA    | ADD: OUT OF THE BOX<br>WIFI PROVISIONING | 10  | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 1c     | G831AD       | ADD: SPKR 15W WATER<br>RESISTANT         | 20  | \$66.00    | 27.0%  | \$48.18    | \$963.60        |
| 1d     | G996AS       | ENH: OVER THE AIR<br>PROVISIONING        | 10  | \$110.00   | 27.0%  | \$80.30    | \$803.00        |
| 1e     | GA00580AA    | ADD: TDMA OPERATION                      | 10  | \$495.00   | 27.0%  | \$361.35   | \$3,613.50      |
| 1f     | G628AC       | ADD: REMOTE MOUNT<br>CABLE 17 FT APX     | 10  | \$17.00    | 27.0%  | \$12.41    | \$124.10        |
| 1g     | G51AT        | ENH:SMARTZONE                            | 10  | \$1,650.00 | 27.0%  | \$1,204.50 | \$12,045.00     |
| 1h     | G78AT        | ENH: 3 YEAR ESSENTIAL<br>SVC             | 10  | \$288.00   | 0.0%   | \$288.00   | \$2,880.00      |
| 1i     | GA00092AU    | ADD: APXM DUAL E5 CH                     | 10  | \$627.00   | 27.0%  | \$457.71   | \$4,577.10      |
| 1j     | GA05508AA    | DEL: DELETE VHF BAND                     | 10  | -\$800.00  | 0.0%   | -\$584.00  | -\$5,840.00     |



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.  
Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800

| Line # | Item Number | Description  | Qty | List Price | Disc % | Sale Price | Ext. Sale Price |
|--------|-------------|--|-----|------------|--------|------------|-----------------|
| 1k     | G892AB      | ENH:HAND MIC,GCAI WTR<br>RESISTANT APX                                     | 20  | \$79.00    | 27.0%  | \$57.67    | \$1,153.40      |
| 1l     | GA09001AA   | ADD: WI-FI CAPABILITY  | 10  | \$330.00   | 27.0%  | \$240.90   | \$2,409.00      |
| 1m     | G89AC       | ADD: NO RF ANTENNA<br>NEEDED   | 10  | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 1n     | G610AC      | ADD: REMOTE MOUNT<br>CABLE 30 FT APX                                       | 10  | \$28.00    | 27.0%  | \$20.44    | \$204.40        |
| 1o     | G444AH      | ADD: APX CONTROL HEAD<br>SOFTWARE  | 10  | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 1p     | G67EH       | ADD: REMOTE MOUNT E5<br>MP   | 10  | \$327.00   | 27.0%  | \$238.71   | \$2,387.10      |
| 1q     | QA03399AA   | ADD: ENHANCED DATA<br>APX  | 10  | \$165.00   | 27.0%  | \$120.45   | \$1,204.50      |
| 1r     | GA01517AA   | DEL: NO J600 ADAPTER<br>CABLE NEEDED                                       | 10  | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 1s     | G806BL      | ENH: ASTRO DIGITAL CAI<br>OP APX   | 10  | \$567.00   | 27.0%  | \$413.91   | \$4,139.10      |
| 1t     | GA01767AG   | ADD: RADIO<br>AUTHENTICATION   | 10  | \$110.00   | 27.0%  | \$80.30    | \$803.00        |
| 1u     | GA01670AA   | ADD: APX E5 CONTROL<br>HEAD  | 10  | \$717.00   | 27.0%  | \$523.41   | \$5,234.10      |
| 1v     | GA01630AA   | ADD: SMARTCONNECT  | 10  | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 1w     | G193AK      | ADD: ADP ONLY (NON-P25<br>CAP COMPLIANT) (US<br>ONLY)                      | 10  | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 1x     | G361AH      | ENH: P25 TRUNKING<br>SOFTWARE APX  | 10  | \$330.00   | 27.0%  | \$240.90   | \$2,409.00      |
| 1y     | GA00250AA   | ADD: WIFI/GNSS STUBBY<br>ANTENNA LMR240                                    | 10  | \$110.00   | 27.0%  | \$80.30    | \$803.00        |
| 2      | HAE6016A    | ANT LOW PROFILE 450-512<br>MHZ   | 10  | \$129.60   | 27.0%  | \$94.61    | \$946.10        |
| 3      | HAF4013A    | 7/8/900 MHZ WIDEBAND<br>LOW PROFILE, 3DB GAIN<br>THROUGH HOLE NMO<br>MOUNT | 10  | \$46.44    | 27.0%  | \$33.90    | \$339.00        |



| Line # | Item Number  | Description                              | Qty | List Price | Disc % | Sale Price | Ext. Sale Price |
|--------|--|--|-----|------------|--------|------------|-----------------|
|        | APX™ Control Head/<br>Mounting Kits/DEK BOX/<br>Multiplexers |  |     |            |        |            |                 |
| 4      | H1919B   | MULTIPLEXER QMA                          | 10  | \$250.00   | 27.0%  | \$182.50   | \$1,825.00      |
|        | APX™ 8500  |  |     |            |        |            |                 |
| 5      | M37TSS9PW1AN   | APX8500 ALL BAND MP<br>MOBILE            | 8   | \$5,667.00 | 27.0%  | \$4,136.91 | \$33,095.28     |
| 5a     | QA01648AA  | ADD: HW KEY<br>SUPPLEMENTAL DATA         | 8   | \$6.00     | 27.0%  | \$4.38     | \$35.04         |
| 5b     | GA09007AA  | ADD: OUT OF THE BOX<br>WIFI PROVISIONING | 8   | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 5c     | G831AD   | ADD: SPKR 15W WATER<br>RESISTANT         | 8   | \$66.00    | 27.0%  | \$48.18    | \$385.44        |
| 5d     | GA00250AA  | ADD: WIFI/GNSS STUBBY<br>ANTENNA LMR240  | 8   | \$110.00   | 27.0%  | \$80.30    | \$642.40        |
| 5e     | G996AS   | ENH: OVER THE AIR<br>PROVISIONING        | 8   | \$110.00   | 27.0%  | \$80.30    | \$642.40        |
| 5f     | GA00580AA  | ADD: TDMA OPERATION                      | 8   | \$495.00   | 27.0%  | \$361.35   | \$2,890.80      |
| 5g     | G51AT  | ENH:SMARTZONE                            | 8   | \$1,650.00 | 27.0%  | \$1,204.50 | \$9,636.00      |
| 5h     | G78AT  | ENH: 3 YEAR ESSENTIAL<br>SVC             | 8   | \$288.00   | 0.0%   | \$288.00   | \$2,304.00      |
| 5i     | GA05508AA  | DEL: DELETE VHF BAND                     | 8   | -\$800.00  | 0.0%   | -\$584.00  | -\$4,672.00     |
| 5j     | G892AB   | ENH:HAND MIC,GCAI WTR<br>RESISTANT APX   | 8   | \$79.00    | 27.0%  | \$57.67    | \$461.36        |
| 5k     | GA09001AA  | ADD: WI-FI CAPABILITY                    | 8   | \$330.00   | 27.0%  | \$240.90   | \$1,927.20      |
| 5l     | G89AC  | ADD: NO RF ANTENNA<br>NEEDED             | 8   | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 5m     | G444AH   | ADD: APX CONTROL HEAD<br>SOFTWARE        | 8   | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 5n     | G67EH  | ADD: REMOTE MOUNT E5<br>MP               | 8   | \$327.00   | 27.0%  | \$238.71   | \$1,909.68      |
| 5o     | QA03399AA  | ADD: ENHANCED DATA<br>APX                | 8   | \$165.00   | 27.0%  | \$120.45   | \$963.60        |



| Line #   | Item Number | Description  | Qty | List Price | Disc % | Sale Price | Ext. Sale Price |
|--|-------------|--|-----|------------|--------|------------|-----------------|
| 5p   | GA01517AA   | DEL: NO J600 ADAPTER<br>CABLE NEEDED                                       | 8   | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 5q   | G806BL      | ENH: ASTRO DIGITAL CAI<br>OP APX   | 8   | \$567.00   | 27.0%  | \$413.91   | \$3,311.28      |
| 5r   | GA01767AG   | ADD: RADIO<br>AUTHENTICATION   | 8   | \$110.00   | 27.0%  | \$80.30    | \$642.40        |
| 5s   | GA01670AA   | ADD: APX E5 CONTROL<br>HEAD  | 8   | \$717.00   | 27.0%  | \$523.41   | \$4,187.28      |
| 5t   | GA01630AA   | ADD: SMARTCONNECT  | 8   | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 5u   | G193AK      | ADD: ADP ONLY (NON-P25<br>CAP COMPLIANT) (US<br>ONLY)                      | 8   | \$0.00     | 0.0%   | \$0.00     | \$0.00          |
| 5v   | G361AH      | ENH: P25 TRUNKING<br>SOFTWARE APX  | 8   | \$330.00   | 27.0%  | \$240.90   | \$1,927.20      |
| 6  | HAE6016A    | ANT LOW PROFILE 450-512<br>MHZ   | 8   | \$129.60   | 27.0%  | \$94.61    | \$756.88        |
| 7  | HAF4013A    | 7/8/900 MHZ WIDEBAND<br>LOW PROFILE, 3DB GAIN<br>THROUGH HOLE NMO<br>MOUNT | 8   | \$46.44    | 27.0%  | \$33.90    | \$271.20        |
| APX™ Control Head/<br>Mounting Kits/DEK BOX/<br>Multiplexers |             |  |     |            |        |            |                 |
| 8  | H1919B      | MULTIPLEXER QMA  | 8   | \$250.00   | 27.0%  | \$182.50   | \$1,460.00      |
| 9  | PMNN4812A   | BATTERY PACK, BATT<br>IMPRES 2 LIION UL DIV2<br>IP68 3400T                 | 13  | \$285.00   | 27.0%  | \$208.05   | \$2,704.65      |

Grand Total

**\$149,917.99(USD)**

### PAYMENT

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.

Subscribers will be invoiced upon shipment (as shipped). Lifecycle Services and Subscription based Services will be invoiced annually in advance.

### Notes:

- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.



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Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800



## Purchase Order Checklist

Marked as PO/ Contract/ Notice to Proceed on Company Letterhead  
(PO will not be processed without this)

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