



**APX
NEXT**

**KEEPING FIRST
RESPONDERS
FOCUSED WHEN IT
MATTERS MOST**



YOU ARE ALWAYS READY FOR THE NEXT CALL. SO IS YOUR TRUSTED MISSION-CRITICAL RADIO.

Lives depend on your ability to get the job done. Every second counts and there's no room for error. From the most extreme moments to the day-to-day, you depend on reliable, secure, unbroken mission-critical communications to stay connected and keep communities safe – it is your lifeline.

Navigating the increasingly complex mission-critical communications landscape can be challenging. You want to make sure you make the best decisions for the people on the front line. But what are the top features and specifications you need to consider when selecting the right mission critical device for your team?

“ In public safety, your radio has always been your lifeline. In your moment of distress, the first thing you reach for is something to defend yourself and something to call for help. Radio's always been that thing. ”

Adam Brickeen,
Communications Chief and IT Security Chief –
Real Time Crime Center, New Orleans



Purpose-built for the mission:

Purpose-built, mission-critical devices are the cornerstone of public safety communications. Reliable communications, that are intuitive, ultra-rugged and easy to use under duress, are non-negotiable for first responders.

Clear, crisp audio:

When lives are on the line, communicating clearly can be the difference between life and death. Mission-critical devices must be specifically designed to ensure you hear and are heard with unparalleled clarity.

Private, secure communications:

Maintaining secure communications is becoming increasingly important. To ensure calls stay private, secure and confidential, mission-critical devices should support multiple types of standard and custom encryption.

Intelligence in action:

In today's increasingly complex world, sophisticated, public-safety grade capabilities can make a critical difference in the field. Mission-critical devices should work within a larger public safety ecosystem in order to deliver intelligent features that provide assistance on the front lines.

APX NEXT



INTRODUCING APX NEXT: A REVOLUTION IN PUBLIC SAFETY COMMUNICATION

IN PUBLIC SAFETY, FOCUS IS YOUR GREATEST RESOURCE.
MAKE SURE IT'S PROTECTED WITH APX NEXT™.

Building on the proven values of the APX portfolio, APX NEXT delivers new and groundbreaking capabilities – moving you forward into the future and protecting the focus that responders, dispatchers, and technicians need to stay safe and effective.

SOLUTION SET



INFRASTRUCTURE

ASTRO 25

ASTRO® 25 delivers reliable communication, everywhere you work, ensuring effective operations and the safety of your personnel. Built with multiple levels of redundancy and fallback modes, ASTRO 25 systems maintain wide-area communications under harsh conditions, even in the event of multiple points of failure. Advanced channel management technology and best-in-class system designs ensure capacity and coverage whenever and wherever you need it. Authentication and encryption technology blocks unauthorized access – securing your communications.



APX NEXT SMART RADIO

ALL-BAND P25 SMART RADIO

Built ultra-rugged, inside and out, APX NEXT is LTE enabled* and designed to military standards to give you the most resilient, purpose-built device available. A new ergonomic design and intuitive knobs and buttons make it fast and easy to operate your radio. The mission-critical toughened glass touchscreen makes it fast and easy to operate your radio with or without gloves – in rain, dirt and dust.

Audio prompts, top displays and “at-a-glance” status can help keep your eyes focused on the scene instead of the screen. High dynamic range mics, high-power speakers and improved wind-porting cope better with high input levels and deliver our clearest audio ever.

Mission-critical applications bring new intelligence into the field and directly into your hands. Designed for effortless usability when everything is on the line, every interaction is simple, fast and logical so you can stay focused on what matters – your mission and your safety.

* APX NEXT is certified on the AT&T/FirstNet and Bell Mobility LTE networks.



APPLICATIONS

SMARTCONNECT

When you move beyond the limits of your radio system's coverage, you shouldn't have to leave your lifeline behind. SmartConnect maintains your voice communications, by automatically switching between P25 LMR and broadband LTE. Authentication, status, talkgroups and encryption are all preserved, without interruptions or resets. Whether a pursuit takes you out of coverage, or you're assisting another agency, SmartConnect ensures your lifeline is always in reach.

SMARTLOCATE

When an officer calls for help, your first question is always "Where are you?" SmartLocate, exclusively for APX NEXT, enhances officer safety by keeping dispatchers better informed. Our cutting-edge routing service sends your location data over public safety LTE for increased accuracy and efficiency - even when indoors by automatically leveraging nearby cell-towers and WiFi access points. It's carefully integrated into CommandCentral Aware, so you always have a complete picture of the location and status of every unit. Respond quickly to fast-moving situations, extend tracking to more personnel, and react flexibly to changing conditions with SmartLocate.

SMARTPROGRAMMING

SmartProgramming allows initial programming, software and security updates to be sent over LTE. Updates can be accepted anytime, anywhere utilizing the higher speed bandwidth and extended coverage of the LTE network.

SmartProgramming coupled with RadioCentral allows radios to be prepared before they arrive, and kept up-to-date remotely with zero touch and zero downtime.

SMARTMAPPING

In the heat of an incident, you can't lose track of the big picture or lose sight of the team. Your safety can depend on it. This is why we've developed SmartMapping: a purpose-built mapping tool for APX NEXT. View your precise location and track nearby officers on a modern mapping interface integrated right into your radio. Search an address or colleague by name, drop waypoints, pinpoint an officer in distress, and quickly tap to voice-call or alert. SmartMapping delivers everything you need in a mapping tool so you stay on track, in touch, and up-to-date when it matters most.

SMARTMESSAGING

You rely on radio for mission critical voice, but sometimes you need more than voice to be as safe and effective as possible. SmartMessaging is a multimedia communication tool designed for public safety that runs on your APX NEXT. With SmartMessaging, quickly and securely share text messages, images, videos, and voicenotes with individuals or groups on other radios or smartphones. Whether sending a text to stay quiet, or receiving a BOLO image from dispatch, SmartMesaging equips you for the situation with a multimedia communication toolkit, right at your fingertips.

ViQi VIRTUAL PARTNER

When you're in the field, you need information, fast. That's why we created ViQi – your virtual assistant. It's her job to quickly provide the information you need to stay safe and effective. Purpose-built for public safety workflows, ViQi is designed for accuracy and safety. Natural language voice commands and a dedicated voice control button help maintain eyes-up awareness and enable you to operate your radio with your voice. And natural language database queries enable quick access to information – so you can stay focused on critical situations without distractions.

PUBLIC SAFETY APPLICATIONS PLATFORM

APX NEXT applications are built within Motorola Solutions' unique end-to-end public safety ecosystem. This enables apps to augment data from across the public safety landscape—radio, broadband, video, public and private data sources—and deliver it directly to you.

From call-taking and dispatch, to investigation and analytics, to evidence and records, our app platform is reshaping the public safety workflow and improving situational awareness by sharing and analyzing real-time video, streamlining workflows through artificial intelligence, and guiding better decisions through machine learning.



ACCESSORIES



ANTENNAS DESIGNED FOR WEARABILITY

Motorola Solutions' redesigned antennas provide convenience without compromising performance. Shorter, more flexible and compliant, conforming to the user in mission-critical environments. The new 7/800MHz Stubby Antenna for APX NEXT delivers great coverage, but in a compact form factor that won't snag clothing or equipment, while the new Whip All-band Antenna is fabricated using a new polymer that delivers 40% better flexibility.



AUDIO HEAR AND BE HEARD LIKE NEVER BEFORE

APX NEXT has the same accessory port as other APX radios, so enjoy full use of the mission-critical audio accessory lineup that best supports your mission. Newest to this lineup is the Xtreme Voice Remote Speaker Microphone (XV RSM), the next generation mission-critical RSM designed for optimal use with APX NEXT. Equipped with four high dynamic range mics, automatic audio leveling and noise reduction, and built in ViQi button, the XV RSM delivers the clearest and loudest audio communications with easy access to radio controls and critical information.



ENERGY MAXIMIZE POWER, LIFE AND MANAGEMENT WITH IMPRES™ 2

You may run out of energy before your battery does. With the IMPRES™ 2 High Capacity Battery, you'll get more talk time. With improved water resistance, you'll never think twice about submersion. And a typical battery life of 14 hours with the standard battery and 18 hours with the high capacity battery ensures your lifeline works when you need it. For when your battery does need a recharge, Motorola Solutions offers a variety of rapid IMPRES™ 2 charging solutions to charge one or several batteries simultaneously so your fleet is always ready for the next shift.



CARRY SECURE, EASY ACCESS

From classic holsters, to sleek leather carrying cases, to robust belt loops and clips, we've designed a range of APX NEXT carrying accessories to fit any battery size and ensure your radio remains easily retrievable for quick use, but secure and in place for whatever your mission entails. Notably, the Hybrid Leather Carry Case brings elegant formed leather and durable impact-resistant plastic to a unique carry solution that simplifies one handed device access without compromising security.



SERVICES

RADIOCENTRAL

With thousands of subscriber units, hundreds of unique codeplugs and limited IT resources, updating your radio fleet can take months. RadioCentral™, our cloud-based programming platform, dramatically reduces the time and resources needed to provision and update your radio fleet. Thousands of parameters—talk groups, and software options—can be programmed over WiFi in minutes, not months. You can send updates directly to personnel, all securely and without ever handling the radios.

SMARTINSIGHT*

For system and radio managers who want to ensure optimal performance for their APX NEXT fleet, SmartInsight is an advanced data analytics solution that provides accurate historical and predictive insights to enable timely corrective and preventive actions for radio management. With SmartInsight, self-service device analytics are available with actionable insights at your fingertips. Through the use of interactive dashboards and intelligent alerts, you can more efficiently manage your radio fleet to improve device fleet tracking, reduce network and radio outages as well as minimize device fleet maintenance cost.

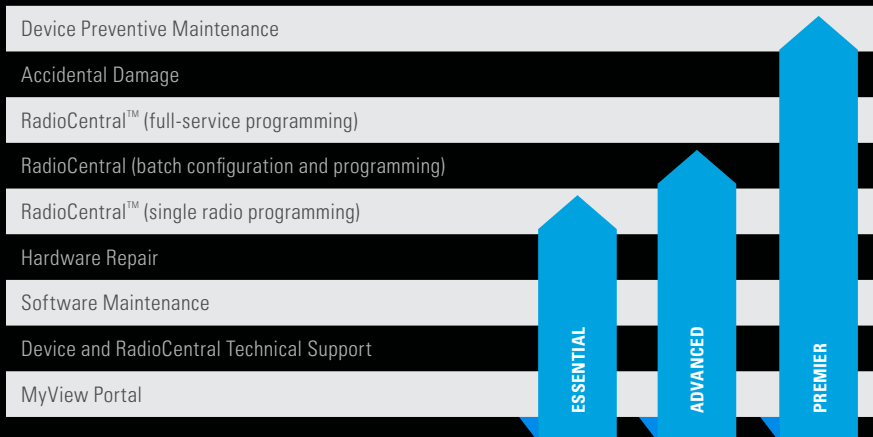
MANAGED AND SUPPORT SERVICES

Essential and Advanced Services provide the tools and expert support needed to efficiently manage your radio fleet. With Premier Services, you transfer your APX NEXT two-way radio operations to our managed services professionals who are focused on maximizing performance.

Rely on us to help you achieve your performance targets with the right service level you need for systems, devices and applications. Each package provides a higher level of support, transferring the risk and responsibility to Motorola Solutions.

* SmartInsight will be available for APX NEXT on a preview basis, included standard for one full year at no additional charge. During this time Motorola Solutions will be collecting customer feedback to enhance the service before the full market release.

SERVICES AT-A-GLANCE



NOTE: Accidental damage can be offered as an add-on service with Essential and Advanced packages. | Device management training can be offered as an add-on service with all three packages.



ESSENTIAL SERVICES

Expert Hardware Repair: State-of-the-art diagnostics equipment, repair tools and replacement parts help ensure your APX NEXT two-way radios are protected from normal wear and tear and are back in operation. Accidental Damage is an optional add-on service that offers you peace of mind through full coverage, no questions asked.

Technical Support: Motorola Solutions' Technical Support service provides telephone consultation for technical issues requiring APX NEXT and RadioCentral specific knowledge and troubleshooting capabilities. Remote Technical Support is delivered through the Motorola Solutions Support Center (SSC) by a staff of technical support specialists skilled in diagnosis and swift resolution of radio site security performance and operational issues.

Software Maintenance: Ensure continuous security, performance and enhanced functionality of your two-way radios by getting access to APX NEXT certified and tested software releases. Regular software updates protect and enhance operations to extend the lifespan of your APX NEXT two-way radios. Software maintenance updates protect your investments and expand your capabilities for increased productivity, reliability and security.

MyView Portal: MyView Portal is your single, consolidated, and web-based platform to track and understand all aspects of your system operations and service delivery from Motorola Solutions.

Device Programming and Provisioning: RadioCentral dramatically reduces the time and resources needed to provision and update your radio fleet. Thousands of parameters—talk groups and interface options—can be programmed remotely in minutes, not months. You can send radio updates directly to personnel, one by one all securely and without ever handling the devices.



ADVANCED SERVICES

APX NEXT Advanced Services includes all components of Essential Services. A major differentiator for Advanced Services is the ability to do batch configuration and programming in RadioCentral. Advanced Services also provides advanced scheduling and fleet level reports.

APX NEXT Premier Services includes all components of Essential and Advanced Services, with the addition of:

Expert Hardware Repair including Accidental Damage: Accidental Damage is included and offers you peace of mind through full coverage, no questions asked.

Preventive Maintenance: Our certified technicians conduct annual maintenance checks to help extend the useful life of your radios, reducing repair and replacement costs. The services performed include radio inspection and cleaning, electronic tuning, and firmware and talkgroup verification.

Device Programming and Provisioning: With full-service provisioning and programming, our team is fully accountable for initial radio deployment plus ongoing operational requirements which includes software updates so your team is always current.

- Initial provisioning and programming are conducted by expert technicians to ensure your radios are fully operational as soon as possible.
- On-demand provisioning and programming addresses ongoing changes to your radio inventory.
- Proactive firmware programming improves performance and protects your radios from known cyber threats.



PREMIER SERVICES



USE CASES

CRITICAL INCIDENT RESPONSE

Following a major critical incident, neighboring police units are dispatched to the scene for assistance. Using SmartConnect, responding officers from neighboring towns are able to rely on LTE to connect back to their home dispatcher. And when entering areas with spotty coverage – including large buildings where individuals are in need of assistance – coverage is maintained with the seamless transition to broadband LTE. With SmartLocate, the impacted jurisdiction is able to scale their radio system to handle all positioning data. Team leads are able to coordinate and map the response with data instantly integrating with CommandCentral Aware.

TRAFFIC STOP

An officer on patrol alone pulls over a suspicious vehicle. With the convenient push of the dedicated ViQi button, the officer is able to check the license plate before even making the stop. After a quick run of the driver's license, ViQi notifies the officer that there is an issue. The officer steps away to play results and determines that the driver has an outstanding warrant. The driver attempts to flee on foot and the officer pursues the suspect. The dispatcher, assisted by SmartLocate, is able to share the location with other responding officers and direct the pursuit to a safe conclusion.



THE RIGHT DEVICE FOR THE JOB AT HAND

EVERY DAY, MILLIONS OF FIRST RESPONDERS IN THOUSANDS OF AGENCIES ACROSS THE WORLD TRUST OUR PRODUCTS TO KEEP THEM SAFE AND CONNECTED.



Every day, we leverage our decades of experience and drive for innovation to bring you the best in life-saving communications technology. We understand that safeguarding the community and protecting lives is at the heart of your mission. You need a communication system you can rely on to get the job done.

We worked alongside responders, dispatchers, and technicians to design a device that's radically smarter and more intuitive. The result is APX NEXT—a radio that enables public safety personnel to stay focused and safe when it matters most.

Designed with uncompromising real-world performance and backed by Motorola Solutions legendary reliability, APX NEXT redefines public safety communication. In the field, intuitive interfaces—from rugged touch screens to natural language voice controls—let you keep your eyes up and your attention where it matters. Superior impact resilience, the clearest audio, and an advanced battery, takes mission-critical performance to a new level and ensures your lifeline is there when you need it.

New applications and services, designed for public safety, accelerate workflows and bring new intelligence to the field. And as part of our unique, end-to-end public safety ecosystem, APX NEXT enables new capabilities to be added. You have the stability to focus on what's next, and the scalability to continue modernizing your capabilities.

Across all aspects of the radio experience—deployment, operation, maintenance and evolution—APX NEXT brings new advancements to usability and performance. And it all comes together in a radio that works when you need it, without distraction or doubt.

Learn more at www.motorolasolutions.com/apxnext



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