



APX NEXT



PROTECT YOUR FOCUS IN THE MOMENTS THAT MATTER



DESIGNED WITH PUBLIC SAFETY, FOR PUBLIC SAFETY

“ We initially started doing a lot of the voice of the customer sessions with Motorola Solutions. That segued into a more hands-on and more involved approach with them taking our genuine feedback into product iterations and future development to figure out exactly what public safety wanted in their overall design process. We really started to take a path where we could advise them. ”

George Barlow Brown, IT Manager – Real Time Crime Center, New Orleans



APX NEXT

IN PUBLIC SAFETY – IN THE FIELD, THE RADIO WORKSHOP, OR DISPATCH – FOCUS IS YOUR GREATEST RESOURCE. A SPLIT SECOND CAN MAKE A CRITICAL DIFFERENCE – WHETHER FACED WITH A LIFE-OR-DEATH SITUATION OR WITH STANDARD DAY-TO-DAY OPERATIONS.

When you have focus, you're zeroed in on what matters. When you don't, all your advantages—talent, training, teamwork—are wasted.

But as change accelerates, focus is constantly under threat. Countless people and situations vie for it. Information that's hard to process undermines it. Interfaces that are hard to use erode it. Precious time is wasted. What should be powerful capabilities, become distractions.

Having the right technology to cut through the "noise" is vital to ensuring public safety personnel stay safe and focused on the job at hand. That technology is your radio.

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.

APX NEXT

“When I had the new radio in my hand, it changed the whole dynamic of what I would expect on the next generation. The ergonomics of the configuration – I had better movement just because of the design.”

Kelly Hembach, Director of Security –
Cheney Public Schools



PURPOSE-BUILT, MISSION-CRITICAL DEVICE

ON ANY GIVEN DAY, PUBLIC SAFETY PERSONNEL COME FACE-TO-FACE WITH SITUATIONS THAT ARE VOLATILE AND CHAOTIC.

During these high-stress and sometimes dire circumstances, being able to call for help can be the difference between life and death. Your radio is your lifeline. APX NEXT is our next step in advancing it. A radio that works when you need it, without distraction or doubt.

BUILT ULTRA-RUGGED, INSIDE AND OUT

- LTE enabled* and designed to military standards for intrinsic ruggedness.
- Alloy endoskeleton maintains the integrity of the radio, even if the housing is damaged.

CLEARLY BETTER AUDIO

- Dual-sided Adaptive Audio noise suppression tames unpredictable background noise.
- Two new high dynamic range microphones enable personnel to hear and be heard in any situation or environment.
- A high acoustic overload point and audio leveling on receive allows users to focus on their transmissions without needing to worry about audio level inputs distorting transmissions.
- Bringing this audio experience to your shoulder is the new XV Remote Speaker Microphone.

LONG-LASTING BATTERY LIFE

- Highest energy density technology packs the most talk time in the smallest battery package yet.



NATURAL USER INTERFACE

FOR TECHNOLOGY TO REALLY BE THERE WHEN YOU NEED IT, IT HAS TO BE MORE THAN JUST OPERATIONAL – IT NEEDS TO BE EFFORTLESS TO USE IN EVEN THE MOST CHAOTIC SITUATIONS.

APX NEXT is designed for effortless usability when everything is on the line. Every interaction is simple, fast and logical within the user interface so you can stay focused on what matters – your mission and your safety.

RUGGEDISED TOUCHSCREEN

- Ultra-rugged, mission-critical toughened glass touchscreen supported from underneath by a rigid stainless steel plate is designed for all-weather use, with a transfective display for indoor and outdoor readability.
- Heavy-duty digitizer recognizes touches even through gloves, while rejecting false touches from the elements.

HIGH VELOCITY DESIGN

- Large, intuitive knobs and buttons are easily distinguishable by touch and designed to minimize accidental activations.
- Shallow menu structure – with a maximum menu depth of three – speeds up navigation.

VIQI VOICE CONTROL

- Voice controls enable radio operation using more than 85 natural language commands – helping maintain eyes-up awareness.
- ViQi button allows for quick access to voice controls – enabling users to perform 14 actions including changing channels and adjusting volume without breaking focus.

“ At the end of the day, your radio is a piece of utility equipment that’s used by public safety. We’re wearing equipment that’s designed for our purpose. There’s a lot of focus on ease of use, without having to look down at the device.. ”

George Barlow Brown
IT Manager
Real Time Crime Center, New Orleans



“The radio programming capability will give me back nearly a month of time. But, most importantly, it will help the officers. They need to be back on the street and this will do that.”

Ivan Perez, Jr., Radio System Administrator – Prince William County

STREAMLINED OWNERSHIP EXPERIENCE

BEHIND FIRST RESPONDERS STANDS A TEAM WORKING TO KEEP THEM SAFE – FROM TECHNICIANS TO IT STAFF TO NETWORK ENGINEERS.

For public safety personnel – every second counts and time is a critical asset. APX NEXT gives you back time with its streamlined ownership experience – so your valuable resources stay focused and ready.

RADIOCENTRAL

- Centralised programming provides flexible, efficient control for all of your radios while streamlining routine tasks.
- Cloud-based radio management enables devices to be securely programmed and encrypted without ever handling them – so you can send them directly to your team.

SMARTPROGRAMMING

- Radio updates are immediately implemented over broadband LTE – so your devices stay in the field.

MANAGED AND SUPPORT SERVICES

- All APX NEXT radios include 3 years of advanced device management services, including warranty repair, telephone support, software and firmware updates and accidental damage cover, providing true peace-of-mind for your organisation.
- Technical support and system operations management keep your system at peak performance, keeping up with new enhancements and reducing risk.





“ A game changer for us is the ability to push data. We do a lot of our work with mobile data computers in the car, but if I’m away from the car I may not be able to go back or may not want to go back to look at something there if it can get pushed to me on the radio itself. That’s a far more convenient feature and I can then take that device in my hand and put it in front of five other deputies on scene and say this is the guy we’re looking for. ”

Michael Zollars, Lieutenant –
Spokane Valley Police Department

MOBILE ACCESS TO INTELLIGENCE

WHEN YOU’RE IN THE FIELD, YOU NEED ACCESS TO INFORMATION – FAST.

With APX NEXT, we’re bringing new intelligence to the field and directly into your hands with mission-critical applications built exclusively for public safety.

ViQi VIRTUAL PARTNER*

- Simple audio prompts and public-safety specific terminology enables you to use your voice to access critical information including database searches and number plate checks.
- Secure cloud service contains speech-to-text, query and text-to-speech capabilities – for fast, secure and eyes-up intelligence.

SMARTCONNECT

- Automatic switching between P25 and broadband LTE maintains voice communications regardless of radio coverage.
- P25 packet routing preserves your authentication, status, talkgroups and encryption without interruptions or resets.

* ViQi Virtual Partner is due for release in 2021.

SMARTLOCATE

- Cutting-edge location routing service sends your radio location data over broadband LTE for faster updates and increased efficiency, while expanding the number of devices that can be tracked simultaneously.
- Automatically triangulate radio location using nearby cell towers and WiFi access points for greater accuracy when indoors.

SMARTMAPPING

- Get precise location information on a modern map interface - right on your radio for enhanced situational awareness in the field. See your location, find an address, drop waypoints, and stay in touch with the situation. View the location of every other officer at a glance. Quickly pinpoint officers in distress. Simply tap to communicate.
- SmartMapping is your essential intelligence tool that will continue to evolve. Get ready for security camera feeds, CAD integration, voice activation and much more, with information organised in layers, so you can see as much or as little as you need.

SMARTMESSAGING

- Turn your radio into a multimedia toolkit. Securely share texts, images, videos and voicenotes across your extended team - either with individuals or groups on other radios or smartphones. Would an incident or suspect photo be more useful than a description? Dispatch can simply upload and broadcast an image.
- SmartMessaging is designed specifically for public safety, built right into the APX NEXT homescreen for quick, intuitive use, while keeping content securely stored for future reference.

PUBLIC SAFETY APPLICATIONS PLATFORM

- First-of-its-kind platform enables applications to augment data from across the public safety landscape – including radio, broadband, video, public and private data sources – and delivers it to first responders.
- Application foundation is designed for new capabilities and functionalities to be seamlessly added.



YOUR FIRST-INSTINCT, END-TO-END SOLUTION

YOUR RADIO IS YOUR “FIRST-INSTINCT TOOL” –
CONNECTING YOU TO THE RIGHT INFORMATION AT EXACTLY
THE RIGHT TIME.

APX NEXT redefines what a radio can do. Because when time is of the essence and failure is not an option – maintaining your focus is critical. With APX NEXT, the radio you rely on is transformed to be even more integrated into your end-to-end technology workflow – bringing together known usability with new features and interactivity that will shape the future. APX NEXT integrates mission-critical voice and devices with purpose-built software and applications – from call-taking and dispatch, to investigation and analytics, to evidence and records. So you experience improved situational awareness, streamlined interfaces and accelerated workflows. And it’s all interoperable with your current APX systems.

With APX NEXT, we’re ensuring your lifeline is there when you need it and that the focus that responders, dispatchers, and technicians need to stay safe and effective, is protected.

“ Safety is always paramount. We’re in a business where lives are at stake - both from a responder perspective and the citizens that we serve. This radio enhances safety across the board for all spectrums of public safety.”

Jay Atwood
Deputy Fire Chief
Spokane County Fire Department

Learn more at motorolasolutions.com/apx-next-story

