



APX Smart applications

APX smart applications extend the mission-critical capabilities of your radio by integrating real-time data, multimedia sharing, and seamless connectivity. While select applications such as real-time translation and policy querying are instantly accessible via the ViQi button, the broader suite of tools enhances responder safety and coordination through precise location tracking, direct access to incident details, and over-the-air fleet management. By shifting these data-heavy tasks to broadband networks, the system preserves vital radio air traffic for clear, uninterrupted voice communication when it matters most.



SmartConnect

The story: When P25 is unavailable, SmartConnect automatically switches your voice channel to available broadband networks and then back again as soon as you return to P25 coverage.

- **No interruption:** The switch is automatic and seamless, preserving active voice communication, encryption, and talkgroup IDs without the officer having to take any action.
- **Never miss a word:** The officer's essential lifeline is extended, keeping voice communication and status active without interruption.
- **Mission-critical integrity:** Maintains the security and protocol standards of the P25 system over broadband connections.



SmartLocate

The story: An officer is deep inside a complex building or underground parking garage where GPS typically fails. This system uses every available signal to pinpoint the officer's position on a floor-by-floor map.

- **Fast updates:** Location updates can be sent more frequently (maximum: 1 update every 3 seconds). Dispatchers and radio users can now track first responder locations, in CommandCentral or SmartMapping, with improved accuracy, especially during fast-moving situations.
- **Easy scalability:** Location-tracking is not limited by the capacity or availability of your P25 data channels. An entire fleet of radios can be tracked with no impact to the radio system.
- **Rapid deployment:** Because no advance provisioning is required, new individuals and teams can be added to the system at a moment's notice.



SmartMapping

The story: During a multi-unit response, you can't waste time wondering where your back up units are. Your radio shows a map built for your mission, displaying your location and every colleague nearby.

- **Coordinated response:** Allows for real-time peer tracking, showing the location and unit status of nearby colleagues for rapid tactical coordination.
- **Stay on track:** Get precise location information on a modern map interface — right on your radio.
- **Stay up-to-date:** SmartMapping will evolve. Get ready for custom map integration, CAD integration, voice activation and much more.



SmartMessaging

A critical scene is unfolding, and words aren't enough. Instead of a long, radio transmission, you can receive a clear photo of a suspect's license plate or a video of an incident.

- **Versatile sharing:** Users can share texts, images, videos, pdfs and voice notes with individuals or groups.
- **Reduced voice traffic:** Sending information as a message cuts down on essential voice traffic needed on P25 radio channels.
- **Persistence:** Messages are securely stored, allowing responders to review incident details or premise warnings when it is safe to do so.





SmartProgramming

The story: Always Mission-Ready: Forget the days of collecting entire fleets of radios for hours of manual maintenance. This allows security updates and new features to be pushed to the device over the air while it remains in use.

- **Zero-downtime security:** Ensures the fleet runs the latest software and encryption keys without pulling a single officer off the street.
- **Zero-touch management:** Saves thousands of labor hours by eliminating the need to manually connect and service radios.
- **Rapid deployment:** Security updates and new encryption keys are deployed consistently across all devices automatically.



SmartVideo

The story: Real-time eyes on the scene during a rapidly unfolding incident, your command center needs to see what you see. Instead of relying solely on voice descriptions, your radio streams live video directly to dispatch, providing the immediate context needed for better decision-making.

- **Reduce evidence backlogs & build trust in your community:** Instant offload of priority videos over APX LTE enables technicians to start processing evidence mere minutes after it has been recorded.
- **Coordinate a safer, more effective response:** Keep track of your frontline teams effortlessly, no matter where they go, by leveraging the LTE on their APX radios for live-streaming.
- **Simplify your budget and procurement process:** Instead of negotiating with another vendor, free up your time for other, more important tasks: leverage APX LTE to make the most of your existing investments.



SmartIncident

The story: You're rolling to a high-priority call. Instead of scribbling down details dictated by dispatch, the full incident package—address, notes, and safety warnings appear on your radio screen.

- **Instant awareness:** Puts critical CAD comments and multimedia attachments directly in the responder's hand, ensuring everyone has the same information.
- **Efficiency:** Significantly cuts down on the time dispatchers spend reading out detailed information over the voice channel.
- **Real-time data:** Ensures every officer has the most current textual and visual information related to the incident.





SmartTranslate

The story: In a diverse community, communication barriers can be a safety risk. When encountering a non-English speaker, your radio becomes a vital translation tool. By using the ViQi button on your radio, SVX, or Remote Speaker Microphone (RSM), you can instantly bridge the gap, ensuring frontline personnel stay focused and eyes-up while interacting with the public.

- **Intuitive, voice driven translation:** Initiate translation instantly with simple voice commands like “Translate to Spanish” or rely on the automatic translation mode to detect the language.
- **Eyes-up, hands free safety:** Prioritize officer safety by keeping responders focused on the scene. SmartTranslate provides audible translations for an eyes-up and hands-free posture.
- **Clear translation, safe separation:** Maintain a safe tactical separation by translating up to five feet away. HDR microphones and Intelligent Noise Reduction filter out background noise.



SmartQuery

The story: You’re in the field and face a complex situation where the correct course of action depends on a specific, nuanced agency policy. Instead of trying to reach a supervisor or flipping through a 300-page manual on your laptop, you query the policy directly from your radio. Within seconds, the exact procedure is in your hands, allowing you to move forward with total confidence and compliance.

- **On-demand policy & procedure:** Provides instant access to your agency’s specific SOPs, municipal codes, and administrative handbooks. It turns your radio into a portable knowledge base, removing the need for dispatcher intervention or manual document searches.
- **Assist Chat integration:** Results are delivered and summarized via the Assist Chat platform, allowing for eyes-up operation.
- **Operational compliance and confidence:** By making your policies easily accessible during an active shift, SmartQuery helps you drive compliance and reduce risk, fostering transparency and trust.

To learn more, visit:
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