



L3HARRIS®
FAST. FORWARD.

ACHIEVING A SPECIAL DISTINCTION

L3Harris XL radios earned certification recently on multiple nationwide LTE networks geared toward public safety and first responders.

LMR (land mobile radio) Push-to-Talk (PTT) has been a mainstay to connect first responders.

The development of LTE (long-term evolution) introduced secure, high-speed, broadband voice, data and video communications via 4G and 5G wireless networks. Public safety agencies have embraced LTE for its reliable communications and enhanced situational awareness.

Two of the market's largest telecommunications players brought LTE networks to public safety through AT&T FirstNet® and Verizon Frontline™. These networks ensure first responders can communicate effectively in extreme conditions during critical events.

VALIDATING QUALITY

Recently, L3Harris' XL series of LTE-capable radios – including Extreme, Converge, Onboard, and Virtual – achieved certification on multiple networks, including FirstNet and Frontline.

“This is a key achievement because it validates to our customers that our entire portfolio of LTE-capable radios has undergone rigorous testing, including exposure to extreme conditions such as heat testing, and passed with flying colors,” said Jayne Leighton, director, Business Development, L3Harris Public Safety and Professional Communications. “Our radios are trusted to perform safely, effectively and reliably on these networks. We’re held to a high standard. Certification on these networks confirms that we meet the technical standards we’ve published. It assures everyone that our devices won’t introduce viruses or impede business in any way.”

THE POWER OF BROADBAND

The benefit of LTE-powered mobile broadband networks is that they deliver enhanced capacity, coverage, reliability and resiliency to agencies and first responders using them.

“Most importantly, LTE expands your footprint for communications,” said Leighton.

One public entity that can testify to the enhanced communications reach that LTE affords is the Navajo County Sheriff's Office in Arizona.

“We are fully on with LTE; it's taking connectivity to a new level for us,” said Kevin Parmenter, radio communications specialist with NCSO. “Our L3Harris XL 200 radios allow us to simplify internet connectivity in the vehicles for high-availability, in-vehicle computer and Wi-Fi connectivity for phones, body cameras, and other law enforcement tools, which require reliable connectivity.”

The L3Harris XL series of radios are built to P25 (Project 25) specifications, ensuring LMR-LTE interoperability and enhanced coverage when they're needed most. P25 is a suite of standards governing digital radio communications for federal, state,



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and local public safety organizations, first responders and utilities, allowing for interoperable multi-agency communications during emergency situations.

“During a 9-11 response, police and firefighters are hampered in their communications by disparate networks,” said Leighton. “L3Harris embraced the P25 standard to overcome this challenge and ensure devices and networks could talk to each other. LTE generally does not replace LMR, but it augments LMR’s reach.”

MONITORING AND COMMANDING (FROM A DISTANCE)

An additional benefit of LTE-capable L3Harris public safety radios is the availability of software enhancements like Mission Critical Push to Talk (MCPTT) and BeOn® mobile application. These resources extend the capabilities of an LMR network to smartphones, tablets and PCs, providing secure PTT communications well beyond the boundaries of regional radio systems.

“For example, say I’m a police chief out of town and there’s an incident in my jurisdiction back home,” said Leighton. “I’m not carrying my radio, but I do have my cell phone. I can access my BeOn app and immediately connect into the talkgroup working the incident. I can see the geolocation information of my officers. Even though I’m not physically there, I can be part of the incident and even take over command. Furthermore, it provides encrypted communications. All this is capable wherever there is LTE connectivity.”



XL SERIES RADIOS ARE ALL IN ON YOUR MISSION

- > Industry-leading connectivity through LTE, Wi-Fi, Bluetooth, GPS and phone-app based radios
- > P25 compliant for seamless interagency communications
- > Loud and clear audio for extreme conditions
- > Multiple encryption options
- > Ruggedized to meet intrinsically safe and multiple MIL-SPEC standards

PSPC LTE Radio Certification

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