



L3HARRIS™
FAST. FORWARD.

JAMMING-RESISTANT MULTIBAND TRUNKED SYSTEM

Engineered to meet the high-security, reliability and diverse demands of nuclear facilities and other critical infrastructure.

The L3Harris Jamming-Resistant System keeps mission-critical radio systems seamlessly operational—without user intervention or complicated backups.

The system is uniquely customizable for your specific needs. Harnessing the power of the P25 standard protocol, the LMR system can survive two 100MHz wide jamming carriers and continue to trunk for incredible agility across VHF, UHF and 700/800 frequencies.

In a jam attempt, VIDA and MASTR V detect the threat and synchronously move all multiband radio users together to a free and clear channel. Zero interruption. Zero intervention. Zero connections lost. 100% mission-critical approved.

Included in the system are the L3Harris VIDA® Core Network, MASTR® V Base Station and hazard-proofed XL Converge™ 200P Land Mobile Radios. Should the RF site go offline, the XL 200P radios and dispatch continue to operate uninterrupted in P25 mode over LTE via public/private carrier, FirstNet® or a local Wi-Fi network. With the addition of BeOn®, it becomes even harder to jam our system. RF site completely down? Business as usual.

DETECT AND EVADE

Key Features

- > Continuous communications without user intervention
- > No complicated backup systems necessary
- > Radioactivity, solvent and chemical resistant devices
- > Automatically detect and dynamically adapt during RF jamming attempts

COMPLETE ADAPTIVE SOLUTION

The L3Harris Multiband Trunked Jamming-Resistant System delivers secure voice and data communications at designated sites. This one-of-a-kind solution protects against system failure and is performance-tested for hazards unique to nuclear facilities. Imagine the protection level this gives other critical infrastructures.

VIDA CORE AND MASTR V

P25 OPEN STANDARDS-BASED

One-for-all integration with a wide range of partners and products, thanks to non-proprietary tech.

MULTIBAND ARCHITECTURE

Multiband P25 tiered architecture (VHF/UHF/700/800) for critical communications redundancies against system failure.

REMOTE ALARM AND NOTIFICATION CAPABILITIES

Automatically provides remote notification to dispatch, sirens or an alarm box in a jamming event.

FEATURE-RICH

VIDA Core has additional cybersecurity functionality to meet diverse nuclear facility and critical infrastructure challenges.



XL CONVERGE™ 200P MULTIBAND LTE RADIO

RF-SAFE OPERATION

You rely on effective communications in sensitive areas that are prone to disruptions. The XL 200P's transmitter easily operates in low-power mode to limit any potential interference.

MULTIBAND RADIOS

Multiband, full-spectrum portable radios uniquely support anti-jamming operations.

CONTAIN + PROTECT

L3Harris proprietary disposable, high-visibility fitted sleeves are designed to protect the XL 200P's seals and electronics from potentially damaging radioactivity.

EXTREME CONDITIONS READY

- > Glove-friendly operation for PPE gear situations
- > Fast, easy in-mask Bluetooth audio pairing
- > Audio voice option in times of limited display visibility
- > MIL-STD-810G 504.1 rated, for superior chemical resistance vs. other multiband radios
- > Rubber-lined grips for confident performance on demand



JAMMING-RESISTANT MULTIBAND TRUNKED SYSTEM

© 2021 L3Harris Technologies, Inc. | 11/2021 SS019



L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.

1025 W. NASA Boulevard
Melbourne, FL 32919