



ICE™ - Incident Commander Element

ICE™ is a comprehensive system that boosts voice communications in emergency situations. It allows for the management of up to three multi-band radios through a single durable laptop and supports all available LMR technologies.

ICE facilitates portable radio communications, command, and control in areas where radio signals are weak or non-existent. This is particularly useful in incident command scenarios where radio communications are compromised, such as in-building incidents, especially fires, or in geographies with poor radio coverage.

A communications tool that provides transportable radio communications, command and control, and is proven to help overcome challenging RF coverage situations.

Seamless integration with the XL Onboard™ multiband radio

L3Harris and Catalyst Communications have partnered to integrate the new XL Onboard 200M radio into the ICE system.

In our latest ICE update, we have replaced the XG-100M radio with the new multiband XL 200M radio, which supports VHF, UHF, 700/800 and 900 MHz frequencies, all within the same converged P25 radio. The XL 200M also boasts LTE, Wi-Fi®, Bluetooth® and GPS features.



FACT SHEET

ICE™ provides essential information for fireground, emergency medical, special rescue, utility restoration, and other public safety and critical infrastructure incidents.

A laptop computer user interface is all that's needed to control up to three mobile radios, and it can be operated in stand-alone mode or linked back to the agency's primary radio system and to other radio channels as needed. This rugged, compact solution can be purchased in a robust travel case or for installation in a vehicle.

ICE Improves Incident Communications in Multiple Ways

- Enables effective communication between Incident Commander and first responders outside the building
- Facilitates seamless communication among first responders inside the building
- Supports emergency calling to both internal and external parties, including the Incident Commander and other first responders
- Allows monitoring of on-scene communications by approaching responders and command centers

Overall, ICE technology has greatly enhanced communication during emergencies, enabling swift and coordinated responses to incidents.

Typical Use Cases

- Incident Command combining a Fire Ground Simplex radio (local channel for fire personnel fighting the fire) to 800 MHz Trunked Backhaul (wide area RF network covering the Township, Municipality or Military Base). As a result, Fire Personnel remain on their assigned channel while working the structure fire.
- Digital Vehicular Repeater System (DVRS) combining a Law Enforcement duplex radio (local channel for responding officers) to a 700 MHz Trunked Backhaul (wide area RF network covering the Township, Municipality or Military Base). As a result, responding officers never have to change channels when going into or around the building.

The Power to Control



Ease of Operation

- Highly efficient user interface
- Press one button to activate a patch
- Uni-directional and bi-directional patches can be configured on-scene or in advance
- Coverage indication tone informs subscribers they are in range



Intelligent Audio Management

- Dynamic audio control, ensures no syllables are lost
- Specifically designed to work with L3Harris Mobile radios
- Optimized for L3Harris radio systems



Flexible Configuration Options

- Standard system includes three radios, dispatch and interoperability software plus audio and metadata recording software
- AC or DC power
- Transportable case or vehicle mounting options



Versatile, Robust Audio Recording

- All communications received or transmitted are recorded, stored, easily accessible and can be sent to Logging Recorders
- Call recording for both talk around and trunked systems communications

The Mission Critical Alliance is a partner program for best-of-breed technology solution providers to openly collaborate to advance the capabilities, compatibility and security of mission critical solutions.



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