



# Band 14 Ready Tactical Collaboration Node



The Mutualink Tactical Collaboration Node (TCN) provides secure on-scene real-time voice, video, file and location sharing between multiple agencies - even in the absence of infrastructure. The TCN is the ideal solution for emergency operations, event communications and day-to-day operations. It provides a deployable solution for remote first responder communications, consistent with FirstNet's Mobile Communications Unit (MCU) concept.

## First Line of Communications

Proven effective working in Band 14, commercial carrier and Wi-Fi communication systems, the TCN is available in combination RF bands:

- FirstNet | Verizon | Wi-Fi (Band 14, Band 13, Wi-Fi)
- FirstNet | AT&T | Wi-Fi (Band 14, Band 17, Wi-Fi)

This tactical mobile kit is designed for first responder vehicle transport and easy set-up.



### Features:

- Portable
- 8 radio gateway
- 1 video gateway w/screen-sharing
- Location map of field personnel
- 5 or 10 client server for local smartphone, tablet, and laptop operation
- Wi-Fi access point

“No cell service. No internet. *Mutualink can help.*”



## Event Communications

The TCN provides the mobile, collaborative communications required for on-site command and control. Large events - sporting events, concerts and festivals - present unique challenges for security personnel and public safety agencies. The TCN enables ad hoc multi-jurisdiction and cross-agency collaboration by providing interoperability between radio channels and mobile devices sharing voice, video, pictures, maps, building layouts, files and personnel location. These capabilities work seamlessly when switching between cellular carriers, FirstNet Band 14 and Wi-Fi. Voice communications from mobile devices and two-way radios combined with our multimedia sharing capabilities bring real-time situational awareness from strategic points throughout the event.

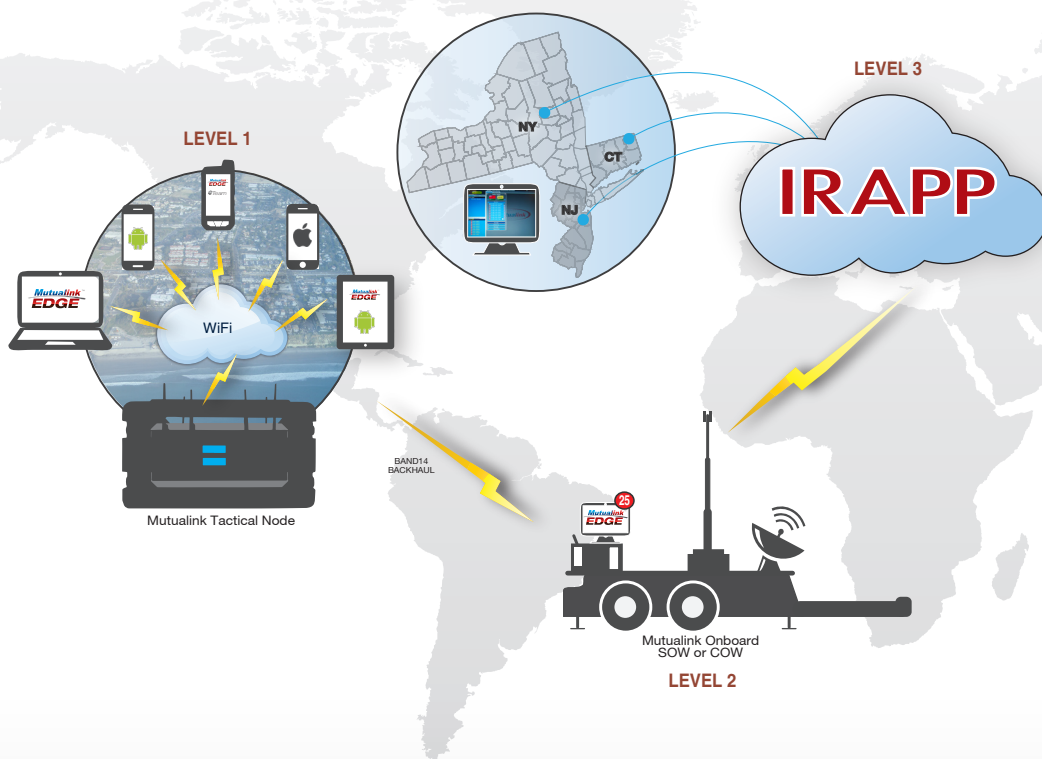


**INTEROPERABILITY** – bridge multiple two-way radio channels with mobile devices and telephone land lines.

**MULTIMEDIA COLLABORATION** – bring the multiple two-way radio channels, smartphones, telephone land lines together with file sharing, picture sharing, streaming video (from fixed location, smartphone, or video management systems) and officer / event personnel location identification and sharing.

“ Mutualink - taking Interoperability to the next level - Collaboration ”

## EMERGENCY OPERATIONS



**LEVEL 1:** Communication lines are not in operation; a hurricane bears down on your area. Using the TCN's Wi-Fi access point bubble, download Mutualink's Edge@Command™ client application on up to 10 mobile devices to instantly share voice, video, file and location. With the TCN's Portable Interoperability Workstation (PIWS) acting as dispatch, bridge the mobile devices, up to 8 radio channels and a video feed to optimize situational awareness.

**LEVEL 2:** As FirstNet Band 14 Systems On Wheels (SOW) with Mutualink onboard and Cells On Wheels (COW) are brought into the area, communication infrastructure starts to build outward, automatically connecting all of the TCN's in the area to Band 14 and back to the FirstNet network, and to the internet through satellite communications.

**LEVEL 3:** With internet connectivity, the TCN can access the Interoperable Response and Preparedness Platform (IRAPP) network using the Portable Interoperability Workstation (PIWS) within the TCN. The IRAPP is Mutualink's nationwide collaboration network of federal, state and local agencies, hospitals, schools and private entities that create and participate in collaboration sessions (or incidents).