

## USE CASE

# SATRAD HARMONY FOR PUBLIC SAFETY

Bridging the communications gap for federal, state, and local agencies.



## THE SITUATION

**First Responders need to be prepared to deploy at a moment's notice.**

This readiness also extends to their comms. During any incident, it's critical for various response agencies to seamlessly connect. However, in practice this presents challenges.

Historically, technologies were designed to meet the needs of individual agencies but had limited ability to interoperate with other local and regional mutual aid agencies. In fast-changing situations, which priorities take precedence? How can effective communication across agencies be maintained?

## THE SOLUTION

**SATRAD HARMONY** is a device-agnostic Push-To-Talk edge device that enables interoperability across disparate technologies.

**Picture this:** You've got a P25 digital radio in one hand, another radio on a different frequency in the other, and a cellphone in your pocket. Under normal circumstances, they can't all directly communicate with each other. That's where SATRAD HARMONY comes in, bridging the gap. Encased in a transportable design, or installed in a vehicle, it can quickly interface between different devices thus creating a "Virtual Talk Group".

Utilizing Radio-over-IP (RoIP) coupled with cellular and satellite, its device-agnostic platform helps to interconnect First Responders with Incident Commanders, and Mobile Command Vehicles with Dispatch Centers. This is accomplished through mobile or transportable kits, and handheld devices – old or new.

Network Innovations' Public Safety team stands ready with our flexible approach to interoperability, ensuring mission success through seamless and interoperable communications.

### Enhanced Applications

**Emergency Communications:** Bridge the mission-critical comms gap between terrestrial, radio, cellular, and satellite networks.

**Multi-Agency Interoperability:** Quick communications access to collaborate with other agencies.

**Incident Command:** Continuous PTT interoperability while on-scene between multiple Land Mobile Radios, cellular, and satellite devices.

**Superior Decision-Making:** Providing agencies with the most relevant and up-to-date information.