

ACT AS ONE



An all-in-one flexible and secure solution for the harshest environments to meet Public Safety critical operations challenges.

Team on mission is a mission-critical communications platform that enriches the value of the LTE private implementations.

Designed and built to guarantee that information flows smoothly and in real-time between all different levels in the chain of command, helping to achieve tactical awareness and maintain security, tactical superiority and strategic independence in the face of any type of threat.

- MCX: PTT, video, data
- Mission process management
- Geolocation, tracking & reporting
- Browser-based command console
- Lone worker protection
- Emergency call/message
- PMR, interoperability
- Secure file sharing



The challenges

- Communication among public safety agencies is hampered by interoperability problems.
- Organisation and control of first responders from different units must be set up efficiently in crisis situation.
- The Commander needs control of the crisis situation with real-time information.
- Teams are equipped with radio equipment with limited range, and reception issues due to geography. Poorly functioning equipment or improper use of it is very common.
- Responders must access and share information as quickly and efficiently as possible, regardless of the disaster situation.

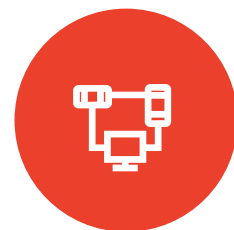
The solution

- PMR & broadband interoperability: Team on mission can be integrated with existing PMR systems such as Tetra, Tetrapol or P25 with a Radio gateway.
 - RoIP Gateway with a donor radio.
 - Radio core Gateway interfaces with LMR core servers.
- PTT channels & video streaming: e.g. firefighters can start a PPT call with paramedics and show them through live video the exact condition of the patient to speed up the treatment.
- 360° team deployment view: From the dispatch console, the commander can:
 - Locate teams on map.
 - Broadcast a message to all responders.
 - Get each team member's location, tracking history and report.
- Seamless transition from public LTE to tactical bubble: Responders can use public networks 3G/4G/5G with QoS priority and to make a seamless transition to the private LTE resulting in no loss in service during emergency situations. Responders must access and share information as quickly and efficiently as possible, regardless of the disaster situation.
- Location & secure file sharing: Location, and data from helmet cams or biosensors can be sent back to the station or shared with other responders in real-time.



Military-grade encryption

- Fully secured PTT application/ PTT server connection via TLS: SIPS, HTTPS, Cryptographic suite (TLS 1.2, cipher up to AES-256 and hash up to SHA-512)
- Secure voice communication using SRTP.
- Optionally, specific encryption modules can be integrated.



Compatibility with external devices

Body-worn cameras, IoT sensors, drones can also be integrated to team on mission and be used to prevent/ respond to threats, while helping protect law enforcement officers.