



Redefining **critical
communications** with
MCX technology

Mobile Tornado's next-generation **critical communications solution**

Mobile Tornado's full Mission Critical Services (MCX) solution is designed for critical situations where every second counts and lives are at risk. Specifically engineered for resilience, reliability and real-time response, our MCX solution is transforming communication for first responders, public safety agencies, and sectors such as transportation, defence and critical infrastructure that require:

- Instant, group-based communication.
- High reliability and low latency.
- Priority and pre-emption in network usage.
- Interoperability between agencies and systems.



Mobile Tornado's **world-class MCX** platform supports a **range of features**, including:

- Low-latency Push-to-Talk.
- Secure video streaming and file sharing.
- Priority and pre-emption.
- Group communication and dispatch.
- High-availability architecture.

Mission critical services

Mission critical services were created to **replace traditional Land Mobile Radio (LMR) and TETRA systems** with **broadband-based, interoperable solutions** that work over LTE and 5G.

Defined by the global body responsible for setting mobile communication standards, the 3rd Generation Partnership Project (3GPP), Mission Critical Services follow strict protocols under LTE and 5G frameworks.

The services provide reliable voice, data, and video communication services, fully compliant with 3GPP specifications:

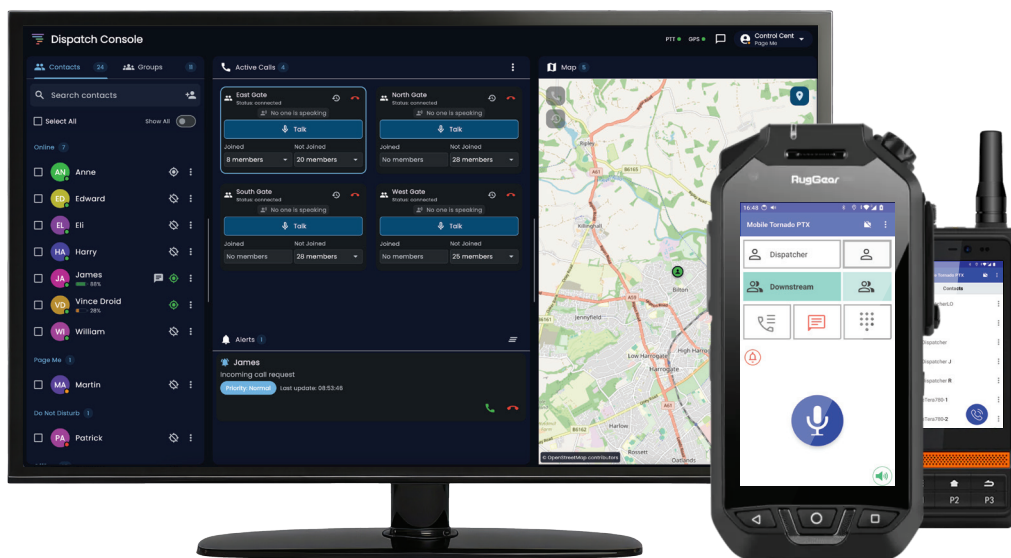


Benefits of Mobile Tornado's 3GPP - compliant MCX solutions

- Standards-based:** Ensures interoperability across vendors and networks.
- LTE/5G ready:** Enables broadband communications with higher bandwidth than traditional systems.
- Secure and scalable:** Supports nationwide rollouts with encryption, QoS, and priority handling.
- Backwards compatible:** Can integrate with legacy radio systems during migration.



Powerful web-based dispatch console



Mobile Tornado's advanced web-based dispatch console provides a range of powerful features, including real-time push-to-talk (PTT) communications, live location tracking, integrated messaging and instant alerting. Accessible from any device with a browser and internet connection, it offers flexibility and empowers dispatchers to stay in control from virtually anywhere in the world. By keeping dispatchers connected and informed, the dispatch console enables better situational awareness, improved coordination of operations and faster response times when every minute matters.

Why choose Mobile Tornado?

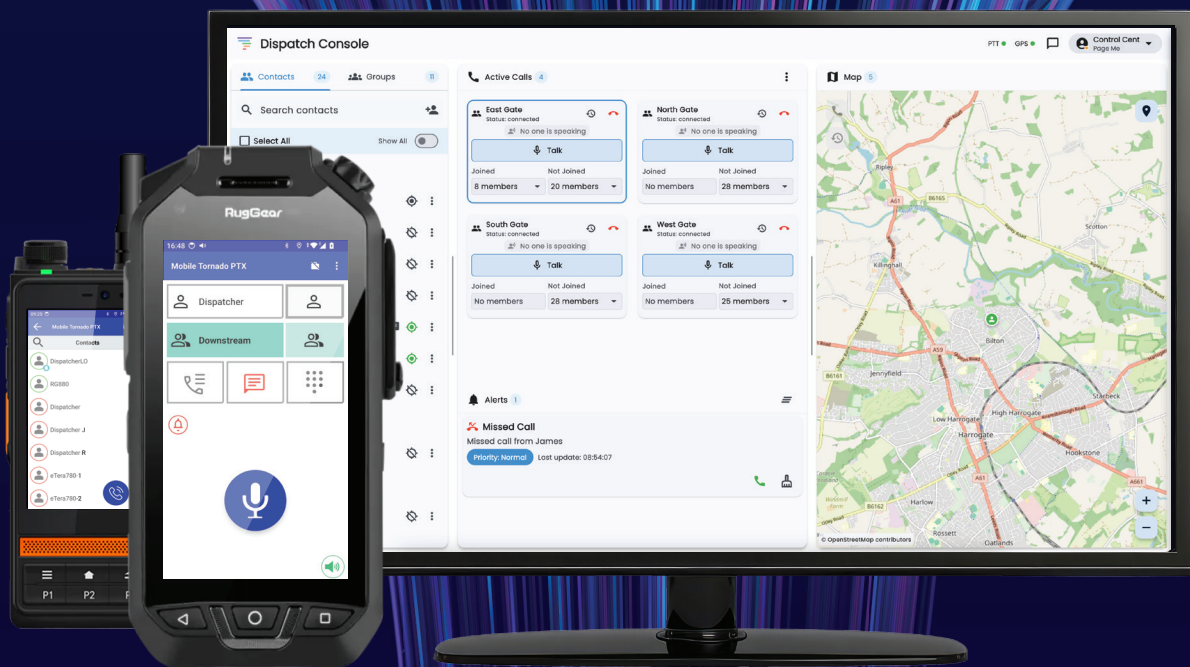
With more than 20 years of experience in mission-critical communications, Mobile Tornado's technology delivers instant, reliable and secure communication in the most demanding of situations. It is used by more than 200,000 users across 30 countries in Europe, Middle East, South America, North America and Africa.

- Carrier-grade MCX support for both Client and Server
- End-to-end encryption & security
- Global deployments across 30+ countries
- Proven partnerships with device manufacturers & integrators
- 20+ Years of mission critical expertise



It's no wonder Mobile Tornado is fast becoming the trusted partner of choice worldwide. Whether you're migrating from LMR/TETRA or advancing your LTE/5G infrastructure, Mobile Tornado delivers the reliable MCX solutions you need to stay connected and ahead.

Your **trusted push-to-talk** partner for **global mission** **critical communications**



To find out more or to arrange a demo:

+44 1423 511 900
sales@mobiletornado.com
www.mobiletornado.com