Push-to-talk over cellular solutions for critical situations - where nothing but the best will do

For law enforcement and security professionals operating in challenging environments, any compromise in communication could have devastating consequences.

Push-to-talk over cellular (PTToC) can increase the effectiveness of critical operations, enable a timely response to emergencies, improve the coordination of personnel, and ultimately help keep both law enforcement staff and member of the public safer.

Instant communication at the push of a button

Reliable, secure communication is essential in high pressure environments. With availability of 99.999%, Mobile Tornado's PTX enables one-to-one and groups of 10,000+ to instantly talk to each other, and share written messages, images, videos and files, securely, at the touch of a button, wherever they are in the world.

In the event of an emergency, users can press an SOS button to send an instant alert and location details, allowing help to be sent quickly.

Reliable communication in challenging environments

By using cellular networks and WiFi, PTToC eliminates the limitations of range associated with two-way radios. It enables users to communicate with each other across large geographical areas and even different countries, improving coordination and increasing the safety of both law enforcement officers and members of the public.
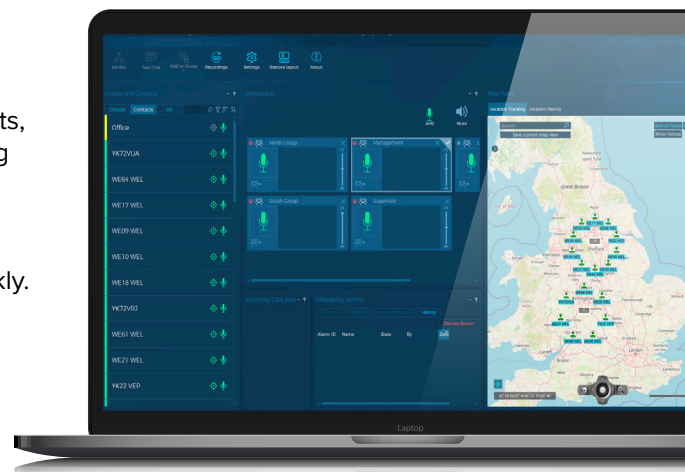
All without the need for extensive infrastructure changes.

World-class multi-session dispatch console

Mobile Tornado's dispatch console acts as a command and control centre for the management of remote workers. It enables instant, reliable group and individual communications, emergency (SOS) alerts, lone worker support, and location monitoring and tracking – ensuring optimal safety for officers and members of the public.

In the event of an emergency, dispatch controllers can track and monitor the exact locations of officers, enabling help to be sent quickly. Communications can be recorded and retrieved, including calls between the user and dispatcher.

It is the only dispatch console in the world to support up to 64 simultaneous PTToC radio group sessions.

Enhancing security with a range of world-class add-on features

In addition to instant communication, the PTX solution also provides a range of features to further increase safety for law enforcement professionals and the public as a whole.

Officers can be tracked and located in real time and, in critical situations, they can provide their exact location and request assistance, simply by pressing the SOS button, enabling a coordinated and speedy response.

Using Mobile Tornado's lone worker feature, it is possible to periodically check-in with users and detect both device movement and inactivity.

Secure communication

Secure communication is crucial during emergency situations when privacy and security are paramount to protect both users and members of the public.

This is why Mobile Tornado's technology follows best practice methodologies and security guidelines to ensure a safe code, platform and network.

This, together with end-to-end data encryption software, prevents unauthorised parties from intercepting sensitive communications and helps to make our PTToC the most secure application on the market.

PTToC device functionality and user permissions can be easily controlled and configured to ensure absolute security using push-to-talk mobile device management (MDM).

Access a range of features on one device

Mobile Tornado's PTToC solution is device agnostic and can be fully integrated to a range of devices. PTToC devices are often smaller and lighter than traditional communication equipment associated with the police and security industry.

What's more, users can access a wide range of features, including push-to- talk, message, alert, locate, lone worker and workforce management on one device.

Accessories

A range of easy-to-use accessories to enable surveillance and confidential communications are available for Mobile Tornado's PTToC solution, ideal for when there is a need or desire to operate discreetly.

These include covert earpieces and remote speaker microphones, both providing reliable and high-quality audio performance.

In addition, users of Mobile Tornado's PTToC application can now access push-to-talk and trigger the SOS alert feature with a simple push of a discreet wireless smart button, rather than via the device itself. The Flic button can be discreetly attached to a range of surfaces, including uniforms and clothing. It can also be worn like a watch using the Flic wristband.

Integration of LMR systems with PTToC

Since PTToC uses cellular networks, it eliminates the need for the expensive infrastructure associated with traditional two-way radio systems, making it a cost-effective solution.

Using a Radio over IP, LMR systems can be integrated with PTToC devices. It is cost effective and easy-to-install, and enables teams to continue using the same radios. In addition, Mobile Tornado is able to offer devices which support both PTToC and LMR, offering users resilience in the most challenging environments.

As Mobile Tornado's PTToC solution is device agnostic, it can be fully integrated to a range of devices, including existing mobile phones. Users can access all the PTToC features including push-to-talk, message, alert and locate on one device.

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To find out more or to arrange a demo,
call **+44 1423 511 900**
or go to **www.mobiletornado.com**