Transforming the **logistics** sector with **push-to-talk over cellular** technology

Planning and managing how resources are acquired, stored, and transported requires robust communication, effective planning and streamlined operations.

With availability of 99.999%, Mobile Tornado's push-to-talk over cellular solution enables seamless communication at all times, providing significant benefits to logistics centres. As well as increasing operational efficiencies and enabling the better coordination of personnel, it also increases security and helps to keep workers safer.

Crystal-clear, instant communication across the world

Unlike traditional two-way radio systems that have limited geographical coverage or "dead zones" in large warehouses, push-to-talk over cellular (PTToC) technology provides more reliable instant communication across greater geographical distances by operating on cellular networks and WiFi.

This means it enables communication with drivers or warehouse teams in different countries or regions, making it ideal for logistics centres handling international shipments or cross-border fleets and spanning large geographical areas and different countries.

By providing reliable communication between delivery drivers and staff in multiple logistic centres, coordination is improved, efficiencies are streamlined and ultimately, costs are cut.

One-to-one and one-to many communications at the touch of a button

Using Mobile Tornado's PTX platform, individuals and groups of 10,000+ participants can 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.
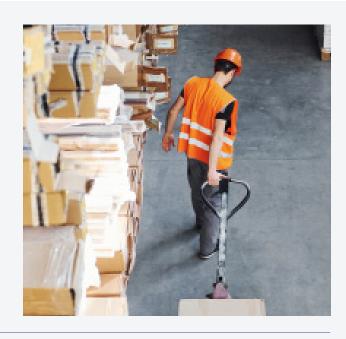
This enables both warehouse staff and fleet drivers to relay critical information to individual members of staff or to entire teams, improving coordination and enabling the quicker and more efficient dissemination of information to speed up decision-making and operational adjustments, if required.

Sreamline operations, improve efficiencies

Using Mobile Tornado's PTX platform, it is possible to coordinate actions, increase efficiencies and streamline operations, enabling requirements to be met in a more timely and cost-effective manner.

Warehouse teams can communicate in real time, as they handle incoming and outgoing shipments, reducing the risk of delays or miscommunication. Instant communication makes it possible for managers to make quicker decisions and communicate them efficiently, assigning or reassigning tasks to teams based on real-time needs to reduce delays in operations and enable smoother workflows.

Drivers can also be tracked, located and communicated with in real-time, enabling updates to be provided on delivery schedules, route changes, route delays and so on.

Improved safety and security

In the event of an emergency, PoC users can press an SOS button to request assistance. The real time location monitoring feature enables drivers and warehouse staff to be tracked and located instantly, enabling nearby users to be identified and help to be sent immediately.

PTToC also enables users to easily communicate with each other across a logistics centre, ensuring response is coordinated in situations like warehouse evacuations or large-scale disruptions, helping to keep staff safer.

Integration of existing LMR systems with PTToC

For logistic companies using an existing LMR system, it is possible to integrate with PTToC devices using a Radio over IP. It is cost effective and easy-to-install and enables teams to continue using the same radios.

Cost efficiencies

Since PTToC uses cellular networks, it eliminates the need for the expensive infrastructure associated with traditional two-way radio systems. Logistics companies can use existing mobile networks, cutting down the costs associated with installing and maintaining infrastructure.

PTToC is also highly scalable, allowing larger or growing logistics companies to add users easily across multiple locations without needing to invest in new communication systems.

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

World-class multi-session dispatch console

Mobile Tornado's dispatch console acts as a central command and control centre for the management of logistics staff based in different locations. It is the only dispatch console in the world to support up to 64 simultaneous push-to-talk over cellular radio group sessions.

The dispatch console provides valuable features, including instant, reliable group and individual communications, employee location tracking and monitoring, SOS emergency alerts and lone worker support, ensuring optimal safety for staff across the operation.

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To find out more or to arrange a demo,
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or go to www.mobiletornado.com