LMR INTEROPERABILITY

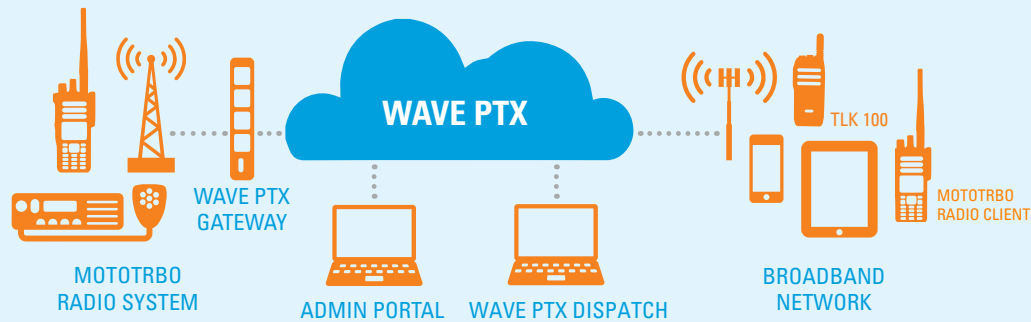## IS YOUR RADIO NETWORK HOLDING YOU BACK FROM EVOLVING YOUR COMMUNICATION NEEDS?

As part of the Motorola Solutions' Wave PTX service, we offer LMR Interoperability that lets you to connect MOTOTRBO Push-To-Talk radio users quickly and easily with new Wave PTX users. Get ready to expand your team communication reach, connect seamlessly and quickly across LMR and Wave PTX users without hefty upfront infrastructure costs.

We offer multiple advanced Wave Radio Gateway Interop options to seamlessly enable private calls, groups calls, emergency calls and alerts between LMR and Wave PTX Users.

At Motorola Solutions, we have created the first and only end-to-end technology ecosystem that unifies voice, video, data and analytics on one single platform – providing you with the foundation of safety and efficiency you need by addressing the unique challenges of your organisation.

Our LMR Interoperability Services is a critical piece of this extended ecosystem and helps to remove the complexity of network integration and enables the seamless flow of information within your technology ecosystem so your teams are always connected and can remain focused on the job at hand.

MOTOROLA SOLUTIONS

THE WIRELINE ADVANTAGE WITH LMR INTEROPERABILITY

WAVE PTX

WAVE PTX GATEWAY

MOTOTRBO RADIO SYSTEM

ADMIN PORTAL   WAVE PTX DISPATCH

TLK 100

MOTOTRBO RADIO CLIENT

BROADBAND NETWORK

When you upgrade your WAVE PTX subscriptions to include LMR Interoperability, you can expect to enjoy the following services either from your Wave PTX devices.
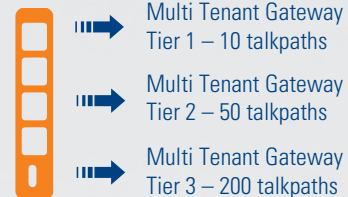
- Stay connected when outside your LMR coverage areas
- Bring non-radio users into the conversation
- Leverage the equipment you already own
- Talkgroup/ User IDs shared

- Group calls & private calls
- Alias / caller ID
- Emergency calls/alerts
- Single gateway, multiple concurrent conversations

- Systems supported:
  - MOTOTRBO IP Site Connect
  - MOTOTRBO Capacity Max
  - MOTOTRBO Capacity Plus
  - DIMETRA Express

WAVE PTX RADIO GATEWAY
OFF THE SHELF INTEROPERABILITY

- WAVE PTX Radio Gateway (WRG) software preloaded
- Fully configurable via WAVE Admin Portal
- Supports 10 concurrent voice paths
- Ships fully loaded and ready to connect
- Remote firmware updates
- Compatible with:
  - MOTOTRBO Capacity Plus (Single Site)
  - MOTOTRBO Capacity Plus (Multi Site)
  - MOTOTRBO Capacity Max

WAVE PTX MULTI TENANT
ONE GATEWAY. MULTIPLE CONVERSATIONS

Multi Tenant Gateway Tier 1 – 10 talkpaths

Multi Tenant Gateway Tier 2 – 50 talkpaths

Multi Tenant Gateway Tier 3 – 200 talkpaths

- Software installed as a service by Motorola Solutions
- Installed onto customer hardware (minimum spec defined)
- Single gateway can connect to multiple WAVE PTX customer accounts
- Supports Geo Redundant Deployment
- Compatible with:
  - MOTOTRBO IP Site Connect
  - MOTOTRBO Capacity Plus (Single Site)
  - MOTOTRBO Capacity Plus (Multi Site)
  - MOTOTRBO Capacity Max
  - DIMETRA Express

TRANSPORT, LOGISTICS OR MANUFACTURING

THE CHALLENGE

- A logistic fleet consists of teams who travel out of town, beyond a designated wide area network.
- Teams working in laboratories require real-time instant communications in an emergency situation or to coordinate production timelines with distribution teams.

THE SOLUTION

- LMR interoperability and broadband PTT allow drivers to use their smartphones to communicate directly with Control Room Operators, dispatchers and warehouse teams.
- Purpose-built Wave PTX devices can be used in laboratories to connect with teams using Wave PTX BYOD app on smartphones.

THE OUTCOME

Teams operate more efficiently and effectively, with the Operator being able to instantly re-route teams in the event of traffic situations, coordinate/re-deploy resources if deliveries require special refrigeration conditions, and provide updates on resources coming from other locations to the warehouse as required for timely pick-ups regardless of their locations.

ENERGY, UTILITIES OR HOSPITALITY

THE CHALLENGE

Maintenance supervisors travelling between facilities need to stay in contact with onsite workers using LMR radios, and access workforce management and asset tracking applications.

THE SOLUTION

With LMR interop and broadband PTT, supervisors can use single device for PTT calling and broadband applications no matter where they are located.

THE OUTCOME

Overall productivity and safety increases because supervisors have seamless and instant communication with all onsite staff. The cost for devices as well as their management is also reduced.

For more information, please visit **motorolasolutions.com/waveptx**

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