Increase capacity and enhance coverage

Land Mobile Radio (LMR) LTE Interoperability

AT&T is pleased to introduce LMR LTE Interoperability – a totally integrated and managed carrier solution utilizing open IP-based standards - that offers a simple, reliable and scalable solution to connect and enhance an LMR network with AT&T Enhanced Push-to-Talk. LMR LTE Interoperability provides the right solution for today’s and tomorrow’s push-to-talk (PTT) communication needs.

**Increases capacity by off-loading non-critical communications**

Non-essential users can now be off-loaded to the AT&T network – freeing capacity and reducing congestion but without losing group communications.

**Provides a low cost alternative for adding PTT services**

Organizations can now eliminate the need for expensive new radios and deploy PTT service on existing iOS or Android smartphones.

**Extends PTT service beyond the LMR network**

PTT users on AT&T Enhanced Push-to-Talk enjoy seamless coverage across the AT&T network – extending an LMR network nationwide.

**Offers broadband data overlay and network redundancy**

AT&T Enhanced Push-to-Talk can be utilized not only as a overlay broadband data network but also as a redundant network in the event of a LMR network outage.

**Supports PTT integration with mobile applications**

Utilizing a suite of APIs, AT&T Enhanced Push-to-Talk service can integrate directly into mobile public service apps and consoles.

**Delivers fast cycle time to operational service**

AT&T Enhanced Push-to-Talk has been pre-integrated and tested with leading consoles and gateways and delivers fast implementation to operational service cycle time.

**Standard and Advanced Calling Features**

- Intergroup Calling (Group to Group)
- Instant Personal Alert feature (LMR dispatcher to AT&T Enhanced Push-to-Talk device)
- Talkgroup Scanning (Both AT&T Enhanced Push-to-Talk and Land Mobile Radio talkgroups)

**Open Standards Support**

AT&T supports a wide array of open IP-based standards, including APCO Project 25 (P25), that provide customers with a variety of options for implementing LTE interoperability between an LMR system and the AT&T network.

- Radio over Internet Protocol (RoIP)
- Inter RF Subsystem Interface (ISSI)
- Console Subsystem Interface (CSI)

**AT&T Solution Set**

- AT&T Enhanced Push-to-Talk (including client, device, accessories, service and APIs)
- AT&T Dynamic Traffic Management
- Wireline Service for Interoperability (IP Backhaul)
- Interoperability Gateway
- Third-party Ecosystem
- Start-up Kits
- End-to-End Managed Network Services
- End-to-End Solution Support