

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

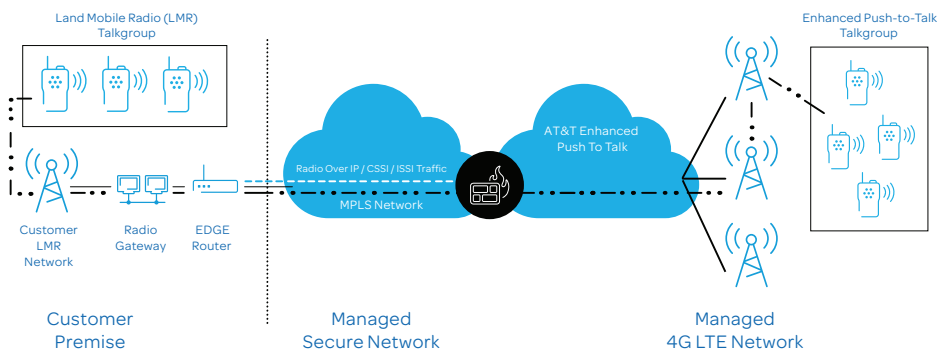
AT&T Enhanced Push-to-Talk can be utilized not only as an overlay broadband data network but also as a redundant network in the event of a LMR network outage.

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 (CSSI)

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

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