



Scout Dispatch Console Integration with Push-to-Talk Over Cellular

Scout consoles integrate seamlessly with broadband push-to-talk over cellular platforms, transforming how fast-moving companies and agencies communicate with their operations.

Features

Professional Dispatch Console Workflow

Dynamic Patching of PoC, LMR, and Telephony

Permanent Patching of PoC and LMR

Convenient Subscription Offering

Supports Multiple PoC Solutions

Best-in-Class Audio

Simul-Select on 20 Concurrent Talkgroups

Monitor 50 Concurrent Channels

Console Priority

PTT ID with Alias

Leveraging LTE commercial mobile devices and carrier networks that support PoC allows interoperability with LMR and all the advantages of LTE data.

Push-to-talk over Cellular (PoC) is group communications using mobile devices for instant and global connectivity. PoC combines the push-to-talk operational advantages on mass-produced mobile devices supported by a global ecosystem.

Integrating PoC solutions with Avtec Scout consoles opens new levels of connectivity for both PoC and LMR users. PoC users now have access to the same dispatch capabilities that were previously available only to LMR users. This integration makes the Avtec Scout console system the command center for connectivity to LMR networks, carrier-integrated and over-the-top broadband PTT, telephony platforms, computer-aided dispatch (CAD) systems, logging recorders, and auxiliary I/O devices.

Scout consoles support Cisco's Instant Connect as well as carrier-integrated PoC applications enabled by Kodiak and available on AT&T and Verizon networks. Support of PoC and LMR technologies such as P25, DMR, IDAS, NXDN™, and legacy LMR systems opens new levels of collaboration for PoC and LMR users.

Scout consoles, when coupled with PoC, offer best-in-class audio experience, the ability to simultaneously transmit on 20 concurrent groups, listen to 50 concurrent audio groups routed to up to 11 speakers, and perform all the key functions essential to traditional dispatch centers. PoC groups can be easily and reliably patched into existing LMR operations and extend coverage when outside of the range of the LMR system. Scout consoles provide a seamless experience for dispatch professionals leveraging LMR systems and cellular solutions. Dispatchers continue their operational protocol with PoC and LMR.

SCOUT EX / E8 / E4 CONSOLE INTERFACE – PUSH-TO-TALK OVER CELLULAR

Dispatchers using the Scout console system benefit from the familiarity of using current operational workflows with broadband PoC talkgroups. The Avtec Scout system can be configured to utilize software permanent patches between PoC and LMR talkgroups. The resulting permanently patched talkgroups appear to the dispatcher as a single talkgroup on his or her console and enable communications across LTE and LMR talkgroups.

FEATURES	BENEFITS
<i>Seamless dispatching workflows</i>	Dispatchers utilize standard dispatch console functionality with PoC minimizing the need for dispatcher training.
<i>Extends LMR network coverage over broadband and LTE</i>	Extends LMR coverage zone over broadband and LTE networks allowing primary secondary access to operational communications.
<i>Permanently patches LMR and POC talkgroups</i>	Unified communications of PoC and LMR talkgroups through console permanent patches.
<i>Subscription offering</i>	Subscription includes all Avtec Scout supported PoC offerings. This allows dispatch centers to choose the PoC that meets their operational requirements.

AT&T AND VERIZON PUSH-TO-TALK OVER CELLULAR

Scout supports carrier-integrated PoC applications enabled by Kodiak and available on AT&T and Verizon networks. Carrier-integrated PTT solutions offer a direct network integration, promising a higher Quality of Service (QoS). With AT&T's Enhanced Push-to-Talk (EPTT) and Verizon's Push-to-Talk Plus (PTT+), this integration is an excellent solution for customers who need to find a cost-effective way to add users, stay connected to users who travel outside the LMR coverage area, add an additional level of redundancy, or reduce the traffic load on their existing LMR system.

FEATURES	BENEFITS
<i>Higher QoS for data</i>	Faster call setup, call priority, and reduced latency result from the higher quality of service provided by the carrier.
<i>Cross-network communication</i>	Can communicate over commercial LTE carrier networks, Wi-Fi networks, standard wired networks, and private LTE networks.

CISCO INSTANT CONNECT BROADBAND PUSH-TO-TALK

Scout also supports over-the-top (OTT) PTT solutions such as Cisco's Instant Connect. OTT PTT solutions operate independently of wireless carrier networks; they are carrier-agnostic and can work on any data network.

FEATURES	BENEFITS
<i>Carrier-agnostic</i>	Integrate and extend your LMR system with mobile devices, laptops, and tablets over broadband and LTE networks.
<i>Cross-network communication</i>	Can communicate over commercial LTE carrier networks, Wi-Fi networks, standard wired networks, and private LTE networks.