



Direct IP Connection to MOTOTRBO repeaters

SmartPTT Enterprise introduces the most efficient way for dispatch control over MOTOTRBO systems based on direct IP connection to the repeaters. SmartPTT direct IP connection is applicable for all dispatching functionality including voice calls.

Reliability

SmartPTT dispatch system based on direct IP connection doesn't need any control stations and sound cards installed at the Radioserver. The Radioserver itself can be located at any distance from radio coverage and only requires stable IP connection to MOTOTRBO repeaters.



Scalability

With the direct IP connection single SmartPTT Radioserver can handle multiple distributed MOTOTRBO systems over large distances providing seamless integration of different sites into a single radio network. Multilevel bridging feature allows establishing routes between SmartPTT Radioservers providing ability of bridging between independent dispatching systems located in different regions.

Functionality

Enhanced Logging. Only direct IP connection based system has the ability to log all voice calls and text messages including private ones and collect the information about the repeater used for transmissions.

Support of Digital Telephone Patch. With the direct IP connection to IP Site Connect systems SmartPTT supports Motorola Digital Telephone Patch providing SIP interface to telephony and ability to do simultaneous phone calls to MOTOTRBO subscribers on both IP Site Connect slots.

Monitoring. SmartPTT Monitoring service provides in-depth analysis and control over connected MOTOTRBO repeaters via direct IP connection.

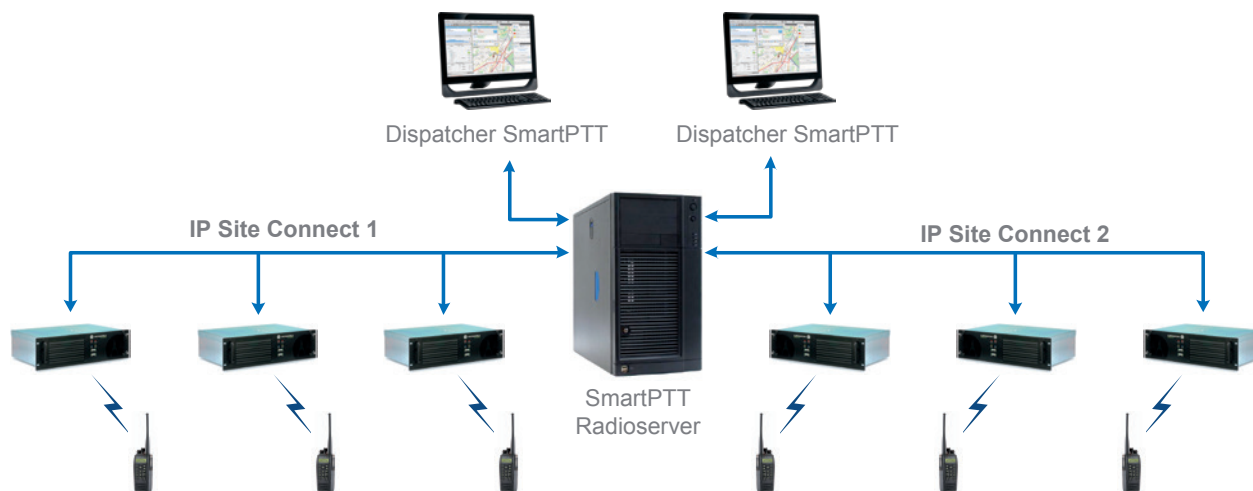
Cost-effectiveness

Systems based on SmartPTT direct IP connection allow considerable reduction of costs eliminating the need for control stations, extra server computers, and extra sound devices.

SmartPTT Direct IP Connection Features

For IP Site Connect

SmartPTT provides two way direct IP connection for IP Site Connect systems. Single SmartPTT Radioserver allows connecting multiple IP Site Connect systems simultaneously and integrating them into single radio network by means of SmartPTT routing service.



For Capacity Plus

SmartPTT implements special configuration to control Capacity Plus systems. One way direct IP connection collects all voice and data processed by Capacity Plus system. For outgoing commands or voice calls SmartPTT supports the pool of control stations automatically utilized by Radioserver to balance system workload. With this approach SmartPTT allows effective Capacity Plus dispatch control of up to 12 voice and 24 data channels.

For Bridging

SmartPTT bridging service implements voice and data routing between various kinds of systems including IP Site Connect, Capacity Plus, analog and digital conventional channels. The unique feature of SmartPTT bridging is the strong focus on direct IP connectivity providing lowest routing delays and eliminating voice quality loss.

SmartPTT – Dispatch Software for MOTOTRBO™ Professional Digital Two-Way Radio System

SmartPTT Main Features



Radio Dispatch



Radio Network
Bridging



Text and Data
Transfer



Events and
Voice Logging



Telephone
Interconnect



GPS Tracking



Monitoring



Web Client



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