

SmartPTT

Integrated Dispatch Solution for MOTOTRBO™

- ✓ Networks of any size and topology
- ✓ Multi-level dispatch architecture
- ✓ Bridging for different radio networks



HOW WILL SMARTPTT BENEFIT MY ORGANIZATION?



COST SAVING

Control work force size by efficiently distributing work tasks

Decrease fuel consumption and wear and tear on vehicles

Avoid costly litigation using voice and event logs to prove processes were correctly followed



WORKER EFFICIENCY

Monitor the progress of assigned tasks through to completion to ensure work orders are done timely and accurately

Be sure of the employees' location at their workplaces

Employee accountability using reports and event logs



WORKER SAFETY

Knowing the location (indoors or outdoors) of a radio user provides faster response times during an emergency

Emergency alerts notify the dispatcher of a radio user in distress

Notify radio users when they are working in a hazardous work area



PROACTIVE MANAGEMENT

Incident analysis and prevention to improve future processes

Information safety with data recording both on server and dispatcher sides

Minimum system downtime by remote analysis and control of the radio network

CORE FEATURES



VOICE DISPATCH

Instant communications and efficient team coordination – the system is under dispatcher's permanent control



TEXT AND DATA TRANSFER

Text messages, e-mails and SMS exchange between the dispatcher console, radios, talkgroups, and smartphones



GPS TRACKING*

Know the exact workers location at any moment and enhance their safety by control of their entering hazardous zones



EMERGENCY MANAGEMENT

Dispatcher is alerted to a radio user in distress when the emergency button is pressed, Man Down is activated, or the Lone Worker timer expires



VOICE AND EVENT LOG*

Data storage and easy reconstruction of incident's details



JOB TICKETING

Create, assign, and control work orders to ensure timely and accurate completion of tasks



TELEMETRY

Use the GPIO pins on mobile radios to be notified of events (i.e. door open/closed) or control a device (i.e. device on/off)



FLEET MANAGEMENT

Easily manage the details of individuals and groups of subscribers, as well as create customizable rules and alerts



OPTIONAL FEATURES

INDOOR TRACKING

Monitor the position of employees inside buildings and other locations where GPS tracking is not available

RADIO NETWORK BRIDGING

Connect subscribers from different radio systems for interoperability or system migration

MAN DOWN

The radio can send an emergency to the SmartPTT dispatcher in case of no movement or a wrong angle for too long

WEB CLIENT

View subscriber location information from anywhere using a PC's web browser

TELEPHONE INTERCONNECT

Seamless communications between radios, dispatcher and telephone subscribers

DIRECT IP-CONNECTION TO MOTOTRBO REPEATERS

Connect to the MOTOTRBO radio system directly via IP without the need for control stations

MONITORING

Real-time network infrastructure monitoring with graphical representation of network topology and coverage map analysis

SCADA

Monitor and control remote equipment to avoid costly spills and repairs to equipment

* Features are standard in SmartPTT Enterprise and could be optional in SmartPTT PLUS depending on the region