



Dispatch Communication Solution for  
**FOR OIL & GAS**

ENSURE EFFICIENT MANAGEMENT  
AND WORKER SAFETY

HOW TO MAXIMIZE  
WORKER SAFETY?

HOW TO REDUCE  
PRODUCTION  
DOWNTIME?

HOW TO OPTIMIZE  
PROCESSES AND  
SAVE COSTS?

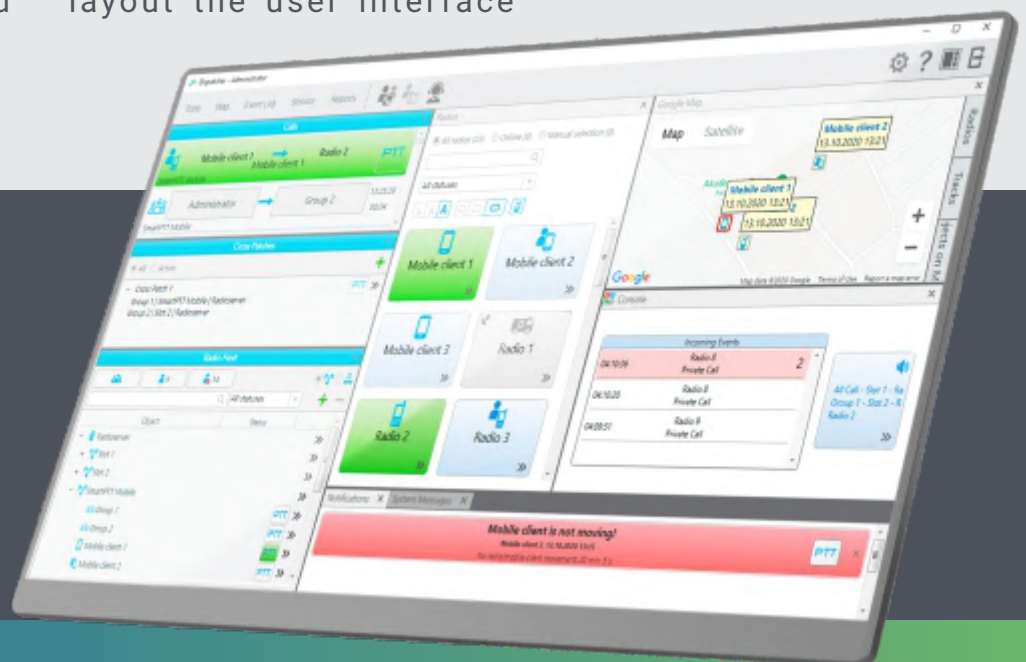
SmartPTT is a voice dispatching software and data application designed to provide users with control over their MOTOTRBO radio system's voice and data capabilities thereby maximizing safety and efficiency while minimizing operational costs.

## SEAMLESS COMMUNICATIONS

In the Oil & Gas industry, many disparate types of communications are used. SmartPTT enables dispatchers to talk to different radios, talkgroups, smartphones, and radio systems. The telephone interconnect option enables radio subscribers and dispatchers to make and receive telephone calls.

The SmartPTT mobile application option allows users outside of the radio network coverage area or off-duty without a radio to use their smartphone or tablet to access the MOTOTRBO radio network. The custom console tool enables dispatchers to layout the user interface

to clearly identify different talkgroups or radio systems and who is talking. Whether using a radio, a telephone, or a smartphone, SmartPTT will provide seamless communications.



## WORKER SAFETY

SmartPTT has multiple features to manage worker safety. The emergency alarms and calls are available both for radio subscribers and for SmartPTT Mobile application users. An emergency signal can be sent to the SmartPTT dispatcher if the worker presses the emergency button or if a Man Down equipped radio detects no movement or a wrong angle for too long. SmartPTT's Lone Worker feature requires the radio to transmit and/or move (GPS Location) within a programmable amount of time otherwise an emergency condition will be initiated. A geofence can also be created in SmartPTT to notify the dispatcher if a worker enters a hazardous zone.

## EMERGENCY MANAGEMENT

When an emergency occurs, the SmartPTT dispatcher can quickly identify the subscriber in distress and their GPS location to reduce response times. The dispatcher can control the response to the emergency, by dispatching response teams to the location of the emergency based upon location information provided by GPS. Remote listening and video streaming from Avigilon IP cameras enable the SmartPTT dispatcher to gain situational awareness to respond more accurately to the emergency. The voice recording and event log functions of SmartPTT enable managers to analyze the details of the emergency to improve future processes.

## PERSONNEL SAFETY FEATURES



INDOOR  
LOCATION



GPS  
LOCATION



LONE  
WORKER



GEOFENCING



MAN DOWN



REMOTE  
LISTENING

# DOWNTIME REDUCTION

Using the telemetry inputs/ outputs of the Motorola MOTOTRBO radio, when an equipment failure occurs, SmartPTT can receive notifications of it. SmartPTT can notify the dispatcher and automatically notify maintenance teams via text or voice notification that the failure has occurred. The dispatcher can also create a Job Ticket for the maintenance staff to manage the repair of the failure, it helps ensure maintenance tasks are completed and in a timely manner.



## SMARTPTT CORE CAPABILITIES



VOICE  
DISPATCH



EMERGENCY  
MANAGEMENT



TELEMETRY



RULES  
AND ALERTS



RADIO FLEET  
ADMINISTRATION



CUSTOM  
CONSOLE



EVENT  
LOGGING



JOB  
TICKETING



TEXT  
MESSAGES



# OPERATIONAL COST EFFICIENCIES

Voice Dispatching and Job Ticketing improves coordination of tasks across work teams. Using GPS to dispatch the closest work crews to a job site reduces man-hours wasted traveling to a site, as well as the fuel spent driving and wear and tear on vehicles. The Lone Worker and Man Down

capabilities coupled with GPS eliminate the need to send two employees to do the job of one employee. By implementing worker safety features insurance companies may offer savings in insurance premiums.

## SMARTPTT OPTIONAL CAPABILITIES



**VOICE RECORDING**



**GPS LOCATION**



**INDOOR LOCATION**



**RADIO NETWORK BRIDGING**



**IP CAMERA SUPPORT**



**WEB CLIENT**



**NETWORK MONITORING**



**DIRECT IP CONNECTION**



**TELEPHONE INTERCONNECT**

# RADIO SYSTEM RELIABILITY

SmartPTT system monitoring allows for remote analysis and control of the radio network. If an issue occurs, remote monitoring can identify the exact equipment experiencing problems. This helps discover the problem before it affects work processes, saving time and resources looking for the fault and even giving the chance to resolve the issue remotely without going to the site.



**2009**

Year SmartPTT was 1st released

**90**

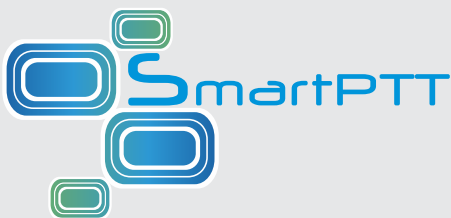
Customers in over 90 countries worldwide

**250**

More than 250 dealers around the world

**2000**

More than 2000 customers



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