PREMIUM CONTROL ROOM SOLUTION

FEATURE-RICH, ROBUST AND TRUSTED

Motorola Solutions brings you TRBOnet PLUS through cooperation with Neocom Ltd - one of the market leaders for control room solutions. Exclusively available through Motorola Solutions and supported by our customer service teams, this product offers the most advanced features for radio fleet management, dispatch and voice and data communications. It leverages the enhanced MOTOTRBO wireline network interface which allows dispatchers to interface directly with the system over IP. This improves the system stability, security and reliability but also reduces hardware overheads and can lower maintenance costs. MOTOTRBO Central Room Solutions have undergone stringent quality testing in Motorola Solutions’ labs ensuring they meet the highest standards of quality, solve business critical problems and deliver exceptional customer experiences.

POWERFUL FUNCTIONALITY

TRBOnet PLUS keeps operators in complete control of even the most demanding multi-site systems. Designed with the dispatcher in mind, a wide variety of everyday operations can be automated using defined rules and smart tools such as scheduled text messages, voicemails for offline radios or geofencing. Dispatchers can now monitor the status of users and their location with live updates, while assigning tasks to the most relevant resources, and improving personnel safety with automatic alarms when unplanned events occur.

SIMPLE AND ROBUST

A key benefit of TRBOnet PLUS is the wireline network interface which establishes a direct link between the control room and the radio system. Connectivity is simplified for a more cost-effective and reliable solution architecture. And dispatchers benefit from an enhanced experience with full transparency, recording of all group and individual calls and more communications security from the radio to the application.

MODULAR AND FLEXIBLE

TRBOnet PLUS is modular so you only have to buy the features you need. It can be tailored to individual requirements to ensure optimum performance across a range of industries. It is also easily scalable from small to large systems that are ready to grow with your business as it expands.

TRIED AND TESTED

Developed specifically for MOTOTRBO professional digital two-way radio systems, TRBOnet PLUS has been tested in Motorola's engineering labs to ensure the highest quality performance and seamless integration into the MOTOTRBO system. Products bearing the “Motorola Solutions Sold and Supported” logo are premium products developed by Motorola Solutions partners to fulfill critical functions in MOTOTRBO systems. These products are tested and integrated in direct cooperation with Motorola. They are sold through Motorola Channel Partners and supported through Motorola’s customer service teams.
TRBOnet PLUS provides integrated fully-featured dispatch control over single and multi-site or multi-channel systems. It supports voice communication and data operations for conventional single site repeater, IP Site Connect, Capacity Plus, Linked Capacity Plus and Connect Plus systems by direct wireline interface with the MOTOTRBO network.

At the heart of the MOTOTRBO Control Room Solutions is the enhanced wireline network interface. This simplified architecture establishes a direct connection between the control room solution and system. With no additional hardware required, system stability, security and reliability are improved for more effective dispatching, monitoring and records management.

Utilising the wireline network interface, dispatchers can now communicate directly over IP to the system without having to go through control stations. This makes liaising with radios and talkgroups so much quicker, easier and more effective – essential when dealing with emergencies or reassigning workers to maximise productivity.

The simplified architecture also ensures TRBOnet PLUS is more cost-effective with reduced hardware investment, easier deployment and lower maintenance costs.

Redundancy can also be built in to improve system availability.

### KEY BENEFITS

- Less hardware and maintenance costs
- Better reliability due to reduced points of failure
- Full group and individual call recording
- Less complexity for easy deployment
- Easily integrates into existing on-site IT networks
- Redundancy with multiple clients working from server
- Works over multi-site and multi-channel systems

### THE MOTOTRBO WIRELINE NETWORK INTERFACE PROVIDES DIRECT CONNECTIVITY BETWEEN THE CONTROL ROOM SOLUTION AND RADIO SYSTEM

**SYSTEM USING WIRELINE NETWORK INTERFACE**

**SYSTEM USING DEDICATED CONTROL STATIONS AND ASSOCIATED GATEWAYS**

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### TRBOnet PLUS SOLUTION MODULES

#### Feature-Rich

**Fleet Administration**  
Efficiently manage fleet locations and remotely control radios. Get live status updates and configure the radios to send online/offline reports to the server.

**Event Logging**  
Log all system events including voice calls, text messages and status changes. Customise views, filter and group events or generate reports detailing location and radio status.

**Alarm & Lone Worker**  
Improve the safety of personnel with automatic alarms and lone worker protection. The alarm can also be sent as an automated message, e-mail or SMS.

**Voice Dispatch**  
Provide communications between the dispatcher and remote radios. Make broadcast, group, private, remote monitor or emergency calls over quicker using programmable shortcuts.

**Job Ticketing**  
Create, assign and monitor tasks through the radio network to deliver routine tasks more efficiently. Radios can accept or decline the job ticket by simply pressing a button.

**Telemetry**  
Monitor and manage remote equipment from the control room. The system supports native MOTOTRBO telemetry with multiple profiles supported for different devices.

**Text Messages & Email**  
Easily communicate with other devices when voice communication is not possible. Send broadcast, group or private text messages. Radios can text back to the dispatcher.

**GPS Tracking**  
Follow workers, vehicles and business assets in real-time to ensure maximum safety and productivity. View maps, set up geofencing and log radio movements using a configurable set of rules.

**Indoor Positioning**  
Track personnel and location assets inside your facility with a Bluetooth-based indoor location system.

**Voice Recording**  
Continuously voice recording of all calls with playback for analysis, reporting or training purposes. Audio files are stored in the server and dispatched.

**AES Encryption**  
Secure your communications with industry standard 256-bit encryption scheme.

**IP System Bridge**  
Communicate between radios located on different networks. Interconnect geographically distributed systems and set up permanent and dynamic bridging of voice and data calls.

**Teammate Functionality**  
Create, assign and monitor tasks through the radio network to deliver routine tasks more efficiently. Radios can accept or decline the job ticket by simply pressing a button.

**Telemetry**  
Monitor and manage remote equipment from the control room. The system supports native MOTOTRBO telemetry with multiple profiles supported for different devices.

**Text Messages & Email**  
Easily communicate with other devices when voice communication is not possible. Send broadcast, group or private text messages. Radios can text back to the dispatcher.

**GPS Tracking**  
Follow workers, vehicles and business assets in real-time to ensure maximum safety and productivity. View maps, set up geofencing and log radio movements using a configurable set of rules.

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*Not available for Connect Plus systems*
TRBOnet PLUS

Developed in cooperation with Neocom, a leading edge communications company based in St Petersburg, TRBOnet PLUS is a professional PC-based, wireline client-server dispatch software application exclusively developed for MOTOTRBO™ digital two-way radio systems.

Designed exclusively for MOTOTRBO digital two-way radio systems, this control room solution supports voice communications and data operations in conventional systems, Connect Plus, Linked Capacity Plus, Capacity Plus and IP Site Connect using a direct wireline interface.

**FUNCTIONAL MODULES**

**CORE**
- Voice Dispatch
- Fleet Administration
- Event Logging
- Alarm & Lone Worker
- Job Ticketing*
- Telemetry*
- Text
- Text Messages & Email

**OPTIONAL**
- GPS Tracking
- Voice Recording
- IP System Bridge
- Phone Interconnect*
- RF Coverage Monitoring*
- AES Encryption
- Indoor Positioning*
- Extended Alarm Management
- Data Web Client

*Not available for Connect Plus systems

**TECHNICAL INFORMATION**

**RADIO SERVER PC SPECIFICATION**
- Intel Core i5 processor or higher
- Windows 7 / 8 / Server2008
- 32 or 64 bits
- 3 GB RAM
- 180 GB Hard drive
- MS SQL Server 2008 Express Edition or higher

**DISPATCHER PC SPECIFICATION**
- Intel Core i3 processor or higher
- Windows 7 / 8 Professional
- 32 or 64 bits
- 3 GB RAM or better
- 180 GB Hard drive
- Sound card
- Microphone and Speakers or regular PC Headset

**IP BANDWIDTH**
- Between Server and Repeater: 64 kbps per repeater
- Between Server and Client: 64 kbps per client per voice channel

**MOTOTRBO HARDWARE**
- Radio Firmware Version: R01.12.02 or higher
- Repeater Firmware Version: R02.30.02 or higher

**LANGUAGES**
- English, German, Italian, Russian and Spanish

**ARCHITECTURE**

**USER INTERFACE**
- GPS Positioning, Lone Worker Alarm

**QUICK COMMANDS**

With TRBOnet PLUS, operators can monitor audio, data and asset location, as well as provide record management and review events that have taken place. It’s easy to track staff and key assets on a live map, send and receive private text messages to personnel in the field and respond quickly and effectively to emergency situations. Dispatchers can also link multiple agencies or departments with a single touch for even greater flexibility.

The software can be operated over the internet by multiple dispatchers located anywhere using the ‘Remote Dispatch’ function. Detailed reports highlight essential information including audio recordings, texts sent, radio status (on/off) and much more.

Two key advantages of TRBOnet PLUS are its scalability and reliability. Administrators can easily increase the number of users on the radio communication network or its geographical coverage at any time to handle increased demand. And with the simplified wireline network interface, high levels of performance are assured.
MORE CONTROL, IMPROVED DISPATCHING AND AUTOMATION OF DAILY TASKS.

GET MORE FROM YOUR MOTOTRBO RADIO SYSTEM.

For more information on how to enhance operational efficiency and improve staff safety with TRBOnet PLUS visit www.motorolasolutions.com/mototrbo or find your closest Motorola representative or Authorised Partner at www.motorolasolutions.com/contactus