Hardware Solutions

TRBOnet™ Swift IP Gateway

- Integrates MOTOTRBO with analog and digital radio systems (Smartnet, P25, MPT1327 etc.)
- Ensures the easiest migration path from analog to digital radio systems
- Provides analog/digital audio conversion, remote monitoring and control
- Can be used in high latency networks (VSAT etc.)
- Connects remote radio systems
- Extends the RF coverage
- Operates in conjunction with a repeater or a control station
- Does not require a sound card
- Allows up to five telemetry connections
- Available in two form factors

TRBOnet™ Software for Option Boards

- Compatible with Motorola GOBs for 3xxx and 4xxx series radios
- Enables Man Down/No Movement/Crash Detect features
- Lone Worker capability
- Geofencing alerts
- Alarm management
- Internal storage for GPS information and events

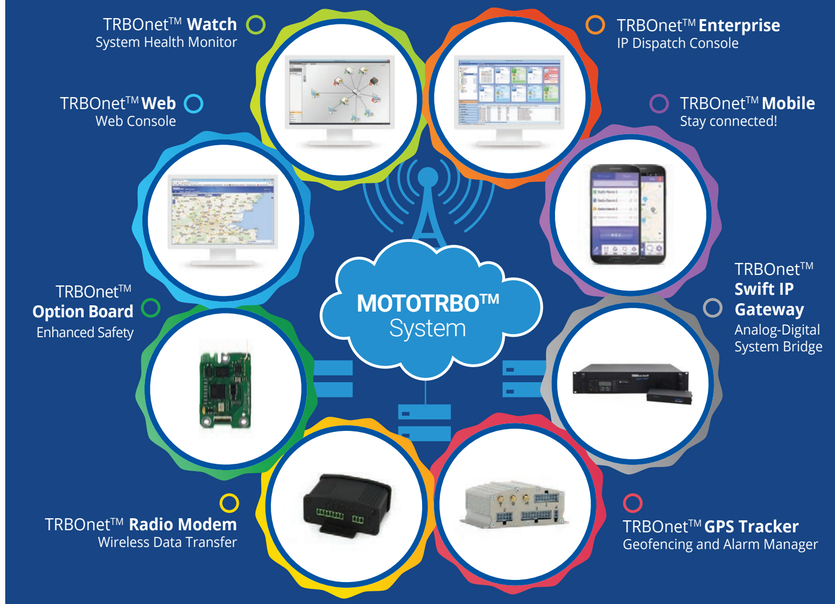
TRBOnet™ Radio Modem

- Designed to transfer data from users like SCADA, AMR, CAN BUS, telemetry applications across a radio network
- RS232/485 interfaces
- 7 programmable I/O pins for telemetry and telecommands
- Internal storage for GPS from radio and events
- Geofencing and alarms
- Configurable conditions and actions

TRBOnet™ GPS Tracker

- Embedded GPS/GLONASS/GALILEO
- Seamless integration with Enterprise
- Expandable memory
- Telemetry
- Alarm manager

One Stop Shop



Sales & Support

For Sales & Support please contact your local Neocom dealer or visit **www.trbonet.com** for a complete list of dealers in your region.

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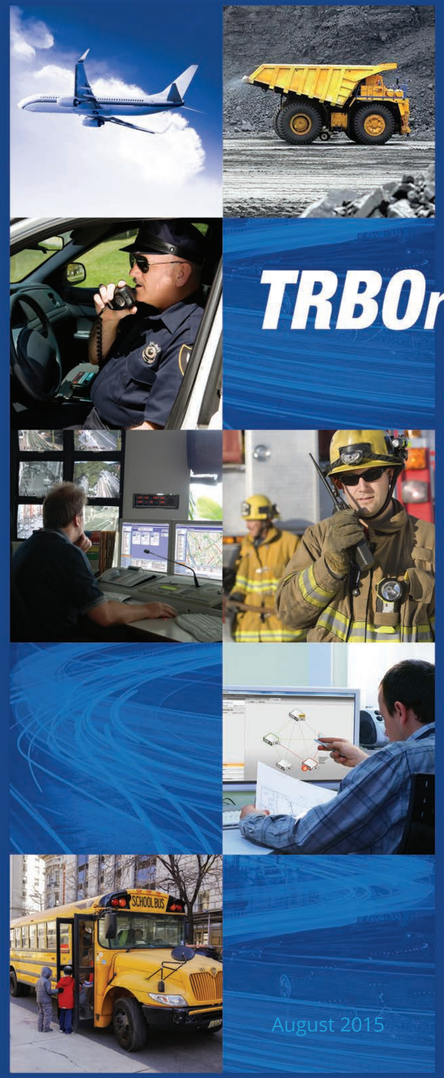


TRBOnet
Digital Technologies

TRBOnet Solutions by Neocom

MAKE THE MOST OF YOUR RADIO NETWORK

August 2015

MOTOROLA SOLUTIONS CHANNEL AWARD WINNER 2015

neocom software

TRBOnet™ Enterprise

Award-winning IP Dispatch System for MOTOTRBO™

TRBOnet™ Enterprise provides an integrated fully-featured control room solution ensuring efficient communication and quick response to emergency situations.

KEY FEATURES

- Support for all MOTOTRBO™ networks
- Less hardware, more reliability
- Embedded AMBE+2™ vocoder
- Scalability and Redundancy
- Simplifies daily routine
- Cost-effective
- Easy integration

CORE COMPONENTS

Voice Dispatch
All type of calls
Intercom
Cross mute
Prerecorded messages

Text Messages
Private and group
Predefined messages
Scheduled messages
Text to speech

Voice Recording
All voice calls
Playback interface
Built-in converter
External storage

AVL Tracking
Real-time GPS, speed
GPS history & playback
Geofencing
Custom maps

Event Logging
All system events
Advanced filters
Notications
Instant playback

Other Features
Reports
Email/SMS gateways
System Bridge
Lone Worker

Try a free demo at www.trbonet.com

TRBOnet™ Mobile

Wherever you are – **stay connected!**

TRBOnet™ Mobile is an application for Android devices which extends MOTOTRBO™ to tablets and smartphones.

It works like a traditional console and delivers the most important dispatch information to the user's Android-based device. The solution provides full integration between MOTOTRBO™ radios and Android smartphones over 3G, 4G and wi-fi.

This state-of-the-art IP-based dispatch system offers a wide choice of additional modules so it can be tailored to your individual requirements. The intuitive GUI greatly reduces learning time and allows operators to concentrate on tasks that matter. The IP nature of this product makes it extremely flexible and scalable, so your system can grow up with your requirements.

ADDITIONAL MODULES

Indoor Positioning
Indoor tracking
Route history
Route playback
Custom building layout

Job Ticketing
Job creation
Task assignment and monitoring
Task log
Notifications

Alarm Management
Simplifies daily routine
Location and event triggered
Sound alarms
Email, SMS notifications

Phone Interconnect
Phone to radio/radio to phone calls
On-screen dial pad
Call transfer
SIP trunk

Web Interface
Any browser and any OS
Remote access to GPS data
Text messaging
Custom maps

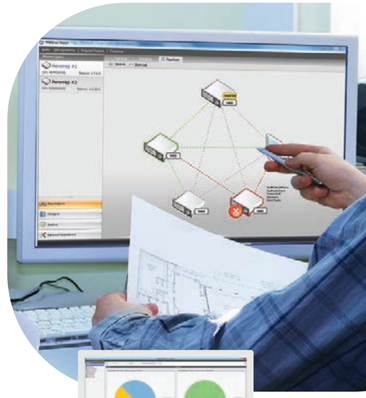
Fixed Route Management
Easy scheduling
Configurable alerts

TRBOnet™ Watch

The industry's most advanced **system health monitor**

TRBOnet™ Watch is an advanced software packet sniffer designed for logging and analyzing data streams in your MOTOTRBO™ radio networks. The solution gives you an integrated view into the health of your network, monitors infrastructure resource usage and allows a user to detect topology problems and verify that all components of the system are configured correctly.

Watch is a client-server application which allows you to monitor a radio network remotely, thus eliminating the necessity for on-site visits and significantly reducing travel costs.



Topology Monitor

Topology monitor gives you an insight into MOTOTRBO™ networks connected to TRBOnet™ Watch. This helps you pinpoint configuration problems and check if there have been any alarms from the repeaters. This is especially useful for large multi-site systems. It also allows you to check if new repeaters have been successfully added to your network. The Topology screen allows you to verify that all components of the system, including dispatch software, have unique IDs and there are no conflicting IDs. The Diagnostic tab provides the full information about IP connections in the system and the uptime for each repeater. This tab offers enhanced features such as remote channel change or disabling repeaters.

Real-Time Monitor

Real-time monitor shows activity on each slot of your system. TRBOnet™ Watch is capable of determining what kind of data is transmitted on available channels.

You can easily verify that radios send registration statuses and GPS data to the system. This software can recognize voice calls, telemetry and option board data, as well as text messages and system packets. The log contains detailed information about each entry including sender and recipient IDs, slots, talkgroups and signal strength for voice calls.

Reports & Analytics

The Reports and Analytics module is designed to visualize megabytes and gigabytes of information obtained from the radio network. Advanced filters help you get a clear understanding of the system performance by system, slot, frequency, unit ID or talkgroup. This information can be used to bill customers using your radio infrastructure. The System Usage report is of interest to those who want to ensure their systems have sufficient capacity for efficient communications. The All Channels Busy (ACB) report shows how often the radio channels have not been available for radio users within a user defined time interval.