

TRBOnet Enterprise 6.4 Release Notes

07 October 2025

New Features

TRBONET ENTERPRISE

Support for DAMM TETRA systems

- Group calls
- Private calls
- Full-duplex private calls
- Emergency calls
- Radio presence
- Text messages
- Location updates

TRBONET ENTERPRISE | PLUS

• In-Call Priorities

Allows assigning priority levels to dispatchers, radios, TRBOnet Mobile, and TRBO.SOS users. These levels determine whether a user can interrupt an ongoing call.

- The system reserves priority level 1 (highest).
- Levels 2–10 (from higher to lower) can be assigned as *default* priority levels per unit type or overridden for individual units.
- Units with the same priority cannot interrupt each other unless the option *Allow units with the same priority to interrupt each other* is enabled.

Note: These settings do not affect whether one radio can interrupt another, this is configured in the radio system itself.

- **Quick Commands** – Activate predefined actions via a button on supported connected devices.
- **Dispatcher Session Control** – An active dispatcher session can be terminated if another dispatcher logs in on the same PC and the maximum number of licensed connections is reached.
- **Impolite Channel Access** – Added for DIMETRA Express.

- **Location Extraction from Text Messages** – TRBOnet can now parse coordinates from DMR radio text messages and display them on the map.

TRBONET ONE

- **Lone Worker** can be started from the radio context menu.
- Regions can be hidden individually (previously only all regions could be toggled together).

Functional Modules

Alarm Management

- New action: **Set Specific Location** – Places a unit at a defined location on the map when triggered.
- Ability to select an IPSC system slot for the **Text Message** action.
- New event: **License Expiration** – Sends notifications about support subscription or timed license expirations (TRBO.SOS, TRBOnet Mobile). The scheduler defines how often status is checked.
- **Call & SMS Groups** – Create groups of phone numbers to receive text notifications or text-to-speech messages.

Reports

- **Completed Routes** – Added option to sort by finish time.

TRBONET MOBILE

- Supports **In-Call Priorities** for calls between TRBOnet Mobile, radio, TRBO.SOS users and dispatchers, allowing interruption of an ongoing conversation.
- Enhanced security:
 - Password visible only during first entry.
 - QR codes for sharing connection profiles are now encrypted.
 - Connection profiles imported via QR codes cannot be viewed.

- *Secure Server Data* option prevents editing or sharing of connection details via QR codes.
- Audio enhancements:
 - Enabled recording on PoC devices.
 - Playback by selected time period.
 - Start playback via button press on devices without a display.
- In-Call video recording.
- Remote video monitoring is available from the Classic console (**Android** only).
- Custom ringtones for full-duplex and video calls.
- Lone Worker can be started directly on PoC devices.
- Track a selected PoC user; their location is automatically centered on the map.

LICENSING

- **New License Requirement**

TRBOnet Enterprise | PLUS 6.4.0.8719 and newer requires a new license. In setups with redundant servers, all servers must use the same license, including hardware IDs of all servers.
- **Failover Behavior**
 - Backup server runs for up to 7 days if disconnected from the primary, after which it stops.
 - Administrators receive daily notifications about remaining time; dispatchers are notified once per day.
- **Server Modes**
 - *Standalone* – Active at all times, no backup server.
 - *Primary* – Main server in a redundant setup.
 - *Secondary* – Backup server in a redundant setup.

In a redundant setup, consoles automatically attempt to connect to the secondary server if the primary is unavailable. If the option *Switch to redundant server if all connections to radio system are lost* is enabled, switchover occurs when the primary loses connection to all registered radio networks.

TRBOnet Enterprise 6.3 Release Notes

16 December 2024

New Features

TRBONET ENTERPRISE | PLUS

- **[BETA] Video Calls & Recording (Classic console only)**
 - Initiate video calls to and from PTT mobile apps and dispatchers.
 - Video call recordings available

Requirements:

- 64-bit OS only
- Dispatch console and server must be on the same network
- IPv4 networks only

Known issues:

- Video initialization may take up to 10 seconds for calls between a PTT mobile app, another PTT mobile app or a dispatcher.
- Video calls are recorded in MKV format; audio is recorded in Opus format.
- Video calls and video recording features are licensed.
- IP Cameras are only compatible with 64-bit OS.
- Now supports *MailingVox*, an online SMS service (<https://www.mailingvox.com/>).

TRBONET ONE

- Keyboard shortcut support, including modifier keys [Ctrl, Shift, Alt] for Select PTT and group calls
Note: The Spacebar cannot be assigned as a shortcut

PTT MOBILE APP 3.3

- **[BETA] Video calls**
 - Make video calls to and from dispatchers and mobile app users.

Requirements:

- The app must run in foreground during the call.
- Recommended video quality varies by device. Refer to the benchmark below to select the appropriate setting:

[UL Solutions](#)

3DMark Wild Life Score	Recommended Video Quality
1500-2499	LD (144p)
2500-3999	SD (480p)
4000+	HD (720p)

- Supports **AES-128 encryption** for secure communications.
- Includes in-call DTMF dialing for full-duplex calls between PTT mobile apps and SIP devices.
- Minimum location update interval reduced to 1 second.
Note: Frequent location updates may impact battery life.
- Support for new devices:
Estalky E120, E550, E610, E618, E887, E966P
Inrico TN7 Plus
Kirisun T60, T65
Telox MT100

TRBOnet Enterprise 6.2 Release Notes

30 January 2024

New Features

TRBONET ENTERPRISE | PLUS

- Supported keyboard shortcuts including modifier keys [Ctrl, Shift] for Select PTT and group calls (a shortcut for *Select PTT* can be changed in Tools > Options > Advanced > PTT Options)
- Export and import of radio groups from csv files
- Support for OAuth2 IMAP Authentication
- Radio settings: *Enable Voice Recording* (default value: enabled). TRBOnet will not record voice transmissions from the radio if this option is not selected.
- Teltonika devices can now be associated with radio units. In this case, they will appear as a joint icon in the console. Depending on the settings, either Teltonika's or radio's location will be used, or both.
- Date and time of alarm added to the alarm panel
- Support for USBD [requires Motorola Release 2023.01 or newer for Capacity Max]
- Added filter to search for PTT boxes by alias
- Mass register unregistered units
- Last known indoor locations of online radios
- *Automatic error correction* and *Save GPS data to database* have been removed from the server settings and added to the Location Profile for more flexibility in configuring location settings for different types of units (e.g. radios, mobile apps) and for each connected system
- Open files received in *Text Messages* using right-click context menu. The file will open in a program associated with the file type.
- Find a place on the map by coordinates
- Show POC device model and OS version in the console [Android, POC v. 3.0 or newer]
- Select-5: emergency and other improvements

TRBONET ONE

- Revamped *Messages*
 - Pin, mute, clear and archive chats, chat filters
 - Support for attachments, open files from the chat
 - Make private calls from an open chat
 - Quote text
 - Message statuses: *Sent*, *Delivered*, *Seen*. The *Seen* status is available to TRBOnet One operators and POC users.
- One touch dial buttons for telephone calls

Functional Modules

- **Alarm Management**

New source: *SMS*. A rule can be triggered by an SMS received by TRBOnet via an SMS gateway from selected phone numbers and/or containing specific words.

New sources: *Call started, Call established, Call ended* trigger an action if a call with specific parameters (talk group, call type etc.) was started or ended.

If a radio triggers a rule, some actions, like *Text Message*, can be applied to radio units closest to that radio or within a predefined distance from it.

New source: *Active Group Changed*, this status can be monitored when a radio user in a Capacity Max system changes the active group, or a radio with an option board in other MOTOTRBO systems.

New source: *Group of beacons* forming a geofence. The entry rule is triggered only when any beacon from the group is detected. As long as the device sees any of these beacons, it is considered inside this geofence. The exit rule is triggered when the device loses all beacons from this group.

New action: *Dynamic Regrouping*: move a radio to a dynamic group [Capacity Max, DIMETRA Express].

New actions: *Link Teltonika, Unlink Teltonika*, associate a Teltonika device with a specific radio unit, or disunify associated units.

New action: *Set Location Profile* for PTT mobile apps and Teltonika devices.

New action: *Set Radio Groups*, assign a radio to one or more talk groups, the radio will appear under selected groups in the console, it also affects group-based dispatcher roles.

- **Job Ticketing**

Support for scheduled tasks.

New report *Status Changes* showing the time between status changes.

- **Radio Allocation**

New *User* field has been added to some reports, which allows creating reports for “allocated” radio users rather than radio IDs.

- **Phone Connect**

Enter DTMF digits during an active call.

PTT MOBILE APP 3.0 [Android]

- Redesigned *Messaging*
 - Reply to or forward a message
 - New statuses: sent, delivered, read, error
 - Quick audio and video messages (up to 2Mb or 20 seconds for video messages)
 - Online status of your contacts
 - Message search
 - Automatic attachment download, auto resume downloads
 - Image preview
- PTT button modes: *Toggle* and *Hold to Talk*
- Use wired headset buttons to PTT or change the home channel
- Remap buttons of Bluetooth SPP or BLE devices
- Remap smartphone buttons or buttons of a connected input device using key codes
- Improved task management: change task status, overdue task indication
- Use system settings to automatically select light or dark mode

Important Notice

Custom IVR and sound files for telephone calls are now stored in another folder. If you use such files, please contact support.

Licenses for TRBOnet Enterprise | PLUS 6.2 are not compatible with licenses issued before the release. Customers having an ongoing support subscription who wish to update the software to version 6.2 should request a new license.

Installation folder for 64-bit computers was changed to C:\Program Files.

TRBOnet Enterprise 6.1 Release Notes

23 August 2022

New Features

TRBONET ENTERPRISE | PLUS

- Teltonika vehicle and personal trackers can be integrated with TRBOnet. They are displayed like normal radio units on the map.
Supported features: GPS and iBeacon-based tracking, emergency and Man Down alerts, remaining battery life.

Functional Modules

- **Radio Allocation.** A radio can be checked in automatically if it has been offline for a selected period.
- **Alarm Management.** New source: *Low disk space*. It helps you check the remaining disk space on the server PC and trigger an alert if it reaches or falls below the selected threshold.
- **Alarm Management.** iBeacons are added to location-based rules.
- **Phone Calls | Voice Message Loop Settings.** Select how many times a pre-recorded message must be repeated at the beginning of an automated phone call from TRBOnet to selected SIP IDs. Automated calls can be configured using the *Voice Message* task or selected as an action in *Alarm Management*.
- **Reports.** Radios can be deleted from TRBOnet using the *Inactive Radios* report.
- **Indoor Location.** *Last known location* is supported for iBeacon-based tracking.

PTT MOBILE CLIENT

- Alarm acknowledgement with DTMF for Alarm Escalation, an *Alarm Management* feature.
- The mobile app can be configured to block outgoing calls. The user is only able to send an RTT to the dispatcher to request a call back.
- *Send RTT* can be assigned to hardware buttons.
- The app displays RTT's position in the queue.
- Send DTMF signals during a voice call.
- Use DTMF to acknowledge alarms raised via Alarm Escalation.
- Support for new devices [Android]:
Talkpod: N50A, N56A, N57A, N58A, N59A
Boxchip: S900, S900A, S900B, S900_Plus, S900A_Plus, S900B_Plus, H600, H600A, H600B, S900Plus.

- The app can read NFC tags. Such tags can be added to an indoor or outdoor map as a beacon. As soon as a tag is detected, the mobile app user's location will be associated with the corresponding beacon. NFC tag IDs must have the following format:

NSI#[major ID]:[minor ID]

where major and minor IDs are numbers. An NFC tag can be positioned on the map as an iBeacon with the these major and minor IDs.

- The user can make outbound calls when the DND mode is activated.
- Quick text messages to incoming emergency alerts, RTTs and full-duplex calls [Android].
- Quick replies to text messages.

TRBOnet Enterprise 6.0 Release Notes

19 April 2022

New Features

TRBONET ENTERPRISE | PLUS

- Support for full-duplex calls between PTT mobile apps, SIP phones and TETRA users via DIMETRA Express and MTM5400/5500 control stations.
- Private calls via MTM5400/5500 control stations.
- Connection Manager allows for multiple console instances to be launched on the same computer that can connect to different TRBOnet Servers version 5.7 or newer.
- OGG audio file format supported.
- Dispatcher Rights. *Show only radios in emergency* option added.
- Support for MultiSpeak 5.0.

Functional Modules

- Alarm Escalation. Alarms can be acknowledged using emails, text messages and DTMF signals.
- MODBUS. TRBOnet can get a value if a specific bit and supports byte swapping.

TRBOnet One

- Redesigned widgets.
- Dark theme toggle button added.
- Configurable sound notifications.
- New filters for Voice Recording.
- Split panels.

PTT MOBILE CLIENT

- Connection Manager and configurable connection profiles.
- Support for redundant servers.
- Redesigned interface: taskbar, pop-up controls and quick actions.
- Full-duplex calls to dispatchers, SIP and TETRA users.
- Call history.
- Do Not Disturb mode.
- Voice recording and instant playback.
- Assign actions to hardware buttons.
- SIP calls.
- Read aloud home channel name.

- Safety features can be enforced remotely.
- Landscape and portrait modes.
- Support for new devices:
 - Bluetooth remote speaker microphones: AINA PTT Responder, Inrico B01
 - Smartphones and rugged devices: Smart-Ex 02, Samsung Galaxy XCover 5, Motorola Solutions Evolve, Estalky E550, Telo 300K.

OPTION BOARD SOFTWARE

- RSSI data can be sent to TRBOnet to create a coverage map.

UPGRADE NOTES

TRBOnet 6.0 is a new major version release. As such, it may break backward compatibility. As a result, some features may require manual configuration after you upgrade from an earlier version of the software. You can find a list of affected features and modules below, as well as instructions on how you can configure them in 6.0.

1. Phone Book

Save the contents of the Phone Book and then add them it to TRBOnet 6.0 via *Administration>Phone Calls>Phone Contacts*.

2. TRBOnet One: Layouts

Voice Dispatch *Modern* and *Lite* tabs are not supported in 6.0. Any changes made to default Voice Dispatch *Classic* tabs will be discarded.

Custom workspace layouts may look different after upgrade because some widgets have been redesigned. You may need to adjust workspace elements.

3. Application Icons

If TRBOnet icons look blank or corrupted on the screen of a Windows 10/11 computer, try restarting your PC.

TRBOnet Enterprise 5.7 Release Notes

22nd December 2020

New Features

TRBOnet Enterprise | Plus

- The console's local time is indicated in reports when the console and the server are in different time zones.

TRBOnet One

- Images can be sent and received in Messages;
- Sound notifications for incoming messages;
- Copy and paste images in Messages via Ctrl-C and Ctrl-V;
- Shows GPS accuracy circle around locations of PTT mobile client and TRBO.SOS users on the map.

PTT Mobile Client

- Support for voice messages;
- Optimized data consumption;
- Any channel can be selected as active (you could only use one of the three preselected channels as active in previous versions);
- The channel knob in supported devices allows the user to select any channel as active;
- Support for dedicated buttons in Android-based devices from iSafe, Caltta Technologies and CrossCall;
- Messages auto-deletion after a predefined period.

TRBOnet Communicator

- Optimized server protocol.

TRBO.SOS

- The iOS version supports V.ALRT;
- Critical alerts for iOS devices.

TRBOnet Enterprise 5.6 Release Notes

18th August 2020

New Features

TRBO.SOS

- Self-registration via SMS or email;
- Sends battery level information to TRBOnet;
- Configurable duration of Remote Monitor (up to 30 minutes);
- Changeable software buttons' names.

PTT Mobile Client

- All Call can be removed from the list of available channels;
NOTE: Update to 5.6 will clear the list of available channels in Mobile Client profiles, it is mandatory to add channels to the profile after the update
- Sends battery level information to TRBOnet;
- Enables sending files to groups (Android);
- Improved audio quality;
- Remote Monitor added to the profile, configurable duration up to 30 minutes;
- Support for Android 11;
- Turkish language added.

TRBOnet QR Generator

A new application for Android devices. It allows QR codes to be created for faster configuration of the mobile applications.

- Creates QR codes for TRBO.SOS and PTT Mobile Client users;
- QR codes for TRBO.SOS: include the IP address and port of the server and the preferred confirmation channel (SMS or email or none);
- QR codes for PTT Mobile Client: include the IP address and port of the server.

Support for Motorola's System Release 2020.02

New features

- Capacity Max: Cancel Emergency Alarm on the Subscriber;
- MNIS Systems: In-band GPS and in-band Data;
- NAI Voice systems or Capacity Max: Dynamic User Alias

TRBOnet One

- New widget *Quick Commands* has been added.

TRBOnet Enterprise | Plus

- Improved performance for large systems (up to 20 000 radio subscribers);
- Scheduled export and import of TRBOnet objects (radios, radio users, phone contacts, IP cameras etc.);
- System Bridge: patch Dispatcher Groups with Radio Channels/Groups;
- DIMETRA Express: Cancel Emergency command.

Functional Modules

Alarm Handling System

- Source: the remaining battery level from portable radios with Impres batteries equipped with option boards and devices hosting PTT Mobile Client or TRBO.SOS apps;
- Source: radio system/site has changed.

TRBOnet Enterprise 5.5 Release Notes

28th April 2020

New Features

TRBO.SOS

This new mobile application turns an Android smartphone or iPhone into a personal safety device. It allows the user to send an alert to the dispatcher in the event of an emergency.

Support for Motorola's System Release 2020.01

New features for Capacity MAX

- Call Handover;
- Single Slot Data Support.

New features for IPSC

- Support for LIP (Location Information Protocol)

TRBOnet One

The following widgets have been added:

- Dial Pad, Line Selection and Phone Contacts;
- Notifications panels;
- PDF Viewer;
- Clock.

[Changed] Chat View

[Added] Colour Picker for historical routes

PTT Over Cellular App

- Full support for Android 10;
- Contact favourites;
- Night mode;
- RTT (Request to Talk).

New safety features:

- Shake to alert. When in distress, a mobile phone user can send an alarm message to the dispatcher;

- Man Down detection;
- No Movement detection.

Functional Modules

RTT (Request to Talk)

- Configuration has been moved to the Administration tab, it applies to all connected consoles;
- Request statuses are synchronized between dispatcher consoles;
- Manual and automatic request handling;
- New widgets in TRBOnet One.

Radio Allocation

- Support for barcode readers, which allows radios to be checked in and out faster;
- Sign-out reminders;
- Failed radio sign-in attempts are now logged and can be found in Event Viewer.

Alarm Handling System

- Source: low battery level for radios with non-Impres batteries equipped with option boards;
- Action: show an image in a pop up window;
- Timers: start/stop/reset a timer on event.

Telephony

- Support for 6 PBXs;
- Up to 16 Phone Lines per Dispatcher;
- Global contacts (Phone Book);
- Import Phone Contacts from CSV.

Reports

- New Job Ticketing report;
- Checked-out Radios;
- Custom logos.

Web Console

- Shows direction

Other Improvements

- Support for SMS gateway intellisoftware.co.uk;

- Users can define hotkeys to change select and unselect channels and sound devices.

TRBOnet Enterprise 5.4 Release Notes

16th October 2019

New Features

Support for Motorola's System Release 2.10

This includes Dynamic Group Number Assignment (DGNA) for Capacity Max systems.

DIMETRA Express

TRBOnet 5.4 supports the following features:

- iBeacon-based Indoor Location;
- Telephone call recording.

TRBOnet One

- Add floor plans to a map;
- Multi-storey and 3D floor plans;
- Location history;
- Text messaging and file transfer;
- Improved notification system with configurable severity levels;
- Support for barcode scanners for radio check-in and check-out;
- Access the Administration module from the console.

PTT Over Cellular Software

- Support for selected devices with dedicated PTT buttons;
- Improved sound quality;
- OPUS codec support;
- Improved performance.

Integration

- Support for the voice detection signal (VOX) from a control radio via A100/200 IP Gateways;
- Support for TRBOnet Communicator, Neocom's new software for Android-based devices;
- Support for Jotron's TR-7750 transceivers

Other Improvements

- Exporting and importing radios and radio groups from CSV files;
- Faster download of voice recordings from option boards via WiFi;
- Scheduled tasks integrated with Alarm Management;
- New and redesigned reports.

TRBOnet Enterprise 5.3.5 Release Notes

12th February 2019

New Features

Support for DIMETRA Express. A DIMETRA Express system can be added to an existing radio network with TRBOnet Enterprise or PLUS. All three types of networks supported by TRBOnet, DIMETRA Express, MOTOTRBO and non-MOTOTRBO networks, can be connected to the same server, creating a seamless communication environment. The dispatcher may choose between the “classic” TRBOnet console and TRBOnet One. Supported features are as follows:

- Unlimited number of dispatcher consoles;
- Group Call Patching between DIMETRA Express and MOTOTRBO or another DIMETRA Express system;
- Voice Dispatch (group calls, private calls);
- Voice Recording;
- GPS Positioning;
- Text Messages;
- Alarm Management;
- Web Interface;
- Mobile Clients.

Automatic Download of Voice Recordings from Option Boards

The 1.8 update of TRBOnet Software for Option Boards enables voice recordings to be stored on the option board installed in your portable or mobile radio. TRBOnet Enterprise can retrieve these voice calls automatically over Wi-Fi.

Colour themes (classic console)

The user can now create custom colour themes for PTT boxes in the classic console.

Integration with Watch

Integration with Watch for LCP and Capacity Max systems is now supported. Use Watch 3.1.0.665 or newer.

TRBOnet Enterprise 5.3 Release Notes

8th October 2018

New Features

TRBOnet One, an advanced console solution for TRBOnet Enterprise. It can be used instead of the standard console software. The application includes the following modules: Voice Dispatch, Voice Recording, GPS Location, Telemetry Dashboard, Phone Connect, IP Cameras, Patching. The console supports all MOTOTRBO systems.

Job Ticketing Updates

- Scheduled job tickets.
- Support for the Job Ticketing protocol based on data rather than text messages.
- Reworked the way a task is handled when it is sent to multiple users and accepted by one of them:
 - Job Tickets based on text messages: all other users receive a text notification
 - Job Ticketing protocol and mobile clients: the task is cancelled for all other users

Alarm Management Updates

- Opens a camera in a new window in case of an alarm.
- Starts an action on an incoming SIP call from a specific ID.
- Added Swift Agent alarm as a source.
- Added Scheduler that enables scheduled tasks, including repeating tasks.

Alarm Mode Updates

- Radios in alarm can appear in the console or a pop-up window, or can be hidden.
- Instant call to the radio in alarm or a predefined talk group associated with this radio.
- Added last known indoor or outdoor location for a radio in alarm.

Quick Commands Panel

- Added Swift Command to a radio with an option board.
- Added Swift Command to change state of Swift Agent pins.
- Added Send Signaling to send a command to a Select 5 or MDC system.

Export and Import from XLS

The following lists can be exported and imported:

- Radios
- Map objects

- Map regions

The templates can be found in the software archive.

Support for R2.9 Firmware

Other Improvements

- Optimized redundancy mode.
- Added support for multiple PABXs.
- Added support for HotSOS via Web Service.
- Added filter by user activity on the map.
- Automatic retrieval of voice recordings stored on an option board (requires special software for option boards).

TRBOnet Mobile Client 2.1 for Android

The TRBOnet Mobile Client application turns your smartphone into a portable PTT device that appears as a regular radio in the dispatcher console. The updated software for Android smartphones has the following features:

- iBeacon-based positioning, the mobile client can report nearby iBeacons to the dispatcher console.
- File transfer, take a picture using your smartphone and send it directly to the dispatcher.
- Support for high latency, up to 1500 ms.
- The alarm button can be hidden.
- An ongoing GSM call does not disconnect the current session.

Other changes. Integration with Watch for LCP and Capacity Max systems is not supported in 5.3. The availability of the feature will be announced later.

TRBOnet Enterprise 5.2 Release Notes

15th August 2017

New Features

IP Cameras. The dispatcher console is able to capture live video feed from all of the connected cameras. A camera can be linked to a specific point on a map, a subscriber unit, or an iBeacon transmitter. In the event of alarm from any of these objects, a video stream will be displayed from the associated camera in a separate window.

Confirmed Group Text Messages. To use this feature, just select a few users belonging to a specific talk group and send them a text message. When TRBOnet receives delivery confirmations from all the selected users, the message will be considered delivered to this talk group. This feature requires Motorola firmware R2.8 and MNIS.

Multiple Audio Interfaces. Dispatchers can now fully control and manage incoming and outgoing voice traffic to and from any audio device. If there are two or more recording and playback devices connected to the dispatcher PC, any of these devices can be independently selected for use depending on the call type or talk group.

Intercom Update. Dispatchers can now fully control and manage incoming and outgoing voice traffic to and from any audio device. If there are two or more recording and playback devices connected to the dispatcher PC, any of these devices can be independently selected for use depending on the call type or talk group.

Support for R2.8 Firmware

Other features:

- Support for Wave mobile clients (voice and data), requires TRBOnet Plus
- Intercom calls to dispatcher groups
- Support for the new Job Ticketing protocol
- Alarm Management updates
- Connect Plus to Capacity Max migration support (TRBOnet Plus)
- Two tone paging

TRBOnet Enterprise 5.1 Release Notes

January 24, 2017

The Main Features

Support for MOTOTRBO 2.7 Firmware, including new features for Capacity Max 2.7: Radio Kill, Status Messages, Sign In/Sign Out, Redundancy.

Guard Tour / Route Management. This module has been redesigned to fully support Indoor Location based on iBeacons. Guard Tour allows you to create routes and checkpoints that must be attended in a specific order at certain time intervals. If the radio user, who has been assigned to this route, fails to do so, the dispatcher will receive an alert.

Request To Talk (RTT). When a radio user needs to talk to the dispatcher, who may be busy, he can send a request that is displayed on the dispatcher's screen as a pop-up message. The dispatcher can ignore it, return the call, or place it in a queue to address later.

Modbus, an industry standard protocol used to connect industrial electronic. TRBOnet Server can now be connected to Modbus-compatible devices to send and receive alerts. A Modbus alert can trigger one or several types of alarms or actions, programmed in the Alarm Management module. TRBOnet Server can be configured to be either a Modbus Master or Modbus Slave.

Support for multiple audio devices. Now you can manage your Select and Unselect channels and route voice traffic to any speakers connected to the dispatcher terminal; this makes it easier for an operator to understand whether the call is from the Select or Unselect channel.

Custom Radio Icons. You can now use your own icons for radio units rather than the standard icons. The custom icons will appear on the radio list, as well as on the GPS map.

Other features:

- Support for a new GSM modem for SMS notifications
- Support for Web Map Service and Web Map Tile Service
- Mobile Client for iOS
- Home Talk Group for subscribers
- Phone Interconnect: Remote Monitor for Individual Radio and Talk group

TRBOnet Enterprise 4.8 Release Notes

May 10, 2016

The Main Release Features

Support for iBeacon transmitters, an advanced tool for locating and tracking MOTOTRBO “enhanced” two-way radios indoors, where the traditional GPS location tracking capabilities are limited or not available. TRBOnet 4.8 works with any transmitters complying with the iBeacon protocol. You can create a 2D or 3D map to visualize locations and movements of your assets inside a building. The purchasable Guard Tour module will help make sure radio users make their appointed rounds at the correct intervals.

Breadcrumb Trail, this is a historical route feature enhancement. When enabled, it shows the movement history of all or selected radio users for a predefined period of time. The older historical data will automatically be removed from the map. You can immediately look at your asset movements to spot anything unusual.

Conditional Call Forwarding. If a dispatcher doesn’t take a phone call within the set period or they have changed their status to unavailable, the call is automatically forwarded to a specified radio or talk group. This can be useful during night shifts when no dispatcher is available.

Conference Calls. The dispatcher can now add other participants, like radio users or telephone subscribers, to an ongoing telephone call. Both individual radios and radio groups can be allowed to participate in a conference call.

HotSOS Support. Combining the leading software in the hospitality industry with the TRBOnet console saves time, expands capabilities of both solutions and takes the hotel’s guest experience to new heights.

Other improvements:

- DMR Text Message support
- List of radios: support for Group Operations (Add/Edit)
- GPS trigger for Group of radios
- Saving of GPS data to a database now is optional
- Import place marks from Google KML/KMZ
- Export GPS data to GARMIN GPX format
- Access to Reports now can be restricted

- Alarm Control System Update:
 - New Sources: Sign-in/Sign-out, geofence rules
 - New Actions: logical group changing, text for dispatcher, radio disable

TRBOnet Enterprise 4.7 Release Notes

July 21st 2015

The Main Features

Connect Plus 1.6 Support

TRBOnet 4.7 is fully compatible with MOTOTRBO Connect Plus 1.6

- Enhanced(Fast) GPS support for Connect Plus 1.6
- Queuing support
- Raw Data support (XRT required)
- Lone Worker reset by PTT for Connect Plus without voice path utilization (XRT required)

MOTOTRBO Firmware 2.4A Support

TRBOnet 4.7 is fully compatible with MOTOTRBO Release 2.4A.

- 20 sites LCP system support

Mobile Client for Android update

- Emergency Button
- Ability to use Mobile Client without Radio System
- Analogue channel support
- Group Calls for Mobile Clients

Note: Demo version is available on Google Store

RF ID Integration

New module available for TRBOnet which allows to track RF ID tags.

- Tag Management
- Location on map
- Alarms

The other improvements:

- Sign in/out feature (ARS) support
- Dispatch Console Auto Update

- Group Calls support for Intercom
- Events from Swift software/hardware now available for Alarm Management
- Channel Box – Middle Size (see below)
- Extended Telephony User Interface
- Show Route update: Alarms and Telemetry events are shown on a map along with GPS track
- Reporting: Search parameters now stored
- Email notifications: IMAP protocol support
- New reports:
 - GPS availability
 - Lone Worker activity
 - New Telemetry Report
- Lone Worker improvements:
 - Lone Worker reset on distance
 - Delay for Alarm if radio goes offline

TRBOnet Enterprise 4.6 Release Notes

December 2nd 2014

The Main Features

TRBOnet Mobile Client for Android (Beta)

TRBOnet's Android Mobile Client solution is an application that emulates the regular console and delivers the most important dispatch information to the user's Android-based device. It helps to interact with radio units using voice and data via Wi-Fi or the Cellular Data network. The solution also enables personnel and vehicle location tracking on the mobile device.

MOTOTRBO Firmware 2.4 Support

TRBOnet Enterprise 4.6 is fully compatible with MOTOTRBO Release 2.4.

Event Driven GPS

Events and telemetry data are now associated with GPS location. When specific telemetry action is activated, the radio unit is forced to send its location to the dispatch console. Same rule is used for a distance triggers – when radio exceeds the pre-set distance from the base point, GPS coordinates are automatically sent to dispatcher.

Scheduled Reports

It is now possible to create a schedule for reports. The reports can be generated automatically and sent to specific recipients according to the schedule.

Other Features and Improvements:

- Alarm Management:
 - Now it is possible to create a rule based on an existing one
 - Email support
- Job Ticketing: a Job Status Change notification now contains a Radio Callsign/ID
- Radio Allocation now supports TEXT
- New reports: User connection History, Channel Usage, Unregistered Radios and others

TRBOnet Enterprise 4.5 Release Notes

September 9th 2014

The Main Features

Alarm Management

The module allows TRBOnet to receive any type of alarms and events from the different sources such as Lone Worker, Telemetry, Control Panels etc. The module notifies supervisors and can initiate the following jobs automatically:

- creating Job tickets
- sending texts, emails and SMS
- performing the automatic phone and radio calls.

Local Open Street Map Server

It is now possible to configure the local offline copy of Open Street Maps. It allows the Dispatcher to work even with no internet connection and makes the street resolution operations faster and more reliable.

7.5 seconds GPS Update support

Since now TRBOnet fully supports new format of data - CSBK which allows to get GPS updates more frequently with minimum of 7.5 seconds interval.

Note: available for NAI DATA and Control Stations only

Hot Backup

In addition to the primary server all data is recorded and stored on the backup server. In the event of a primary server failure, all users are automatically redirected to the backup server until the primary server becomes operational. This functionality ensures redundant and continuous access to historical data.

RF Coverage Map

An optional RF Coverage Map feature is now available for TRBOnet Enterprise. This RF Coverage Map enables customers to plot the received signal strength indications (RSSI) from GPS enabled MOTOTRBO Radios, allowing you to view actual system coverage.

Note: available for NAI DATA and Link Establishment protocols only

Other Features and Improvements:

- A Job Ticket can be sent to a Radio Group
- A copy of Text Message can be sent to Email or Mobile phone
- Voice Logging Report now shows the list of all radios participated in a call
- A dispatcher can send the location of one subscriber to another subscriber as a text
- Mapping is now available in Radio Interface
- Hotkey is now available for subscribers as well as for Talk groups
- Custom colors for Subscribers
- Custom images for Map Objects
- Email and SMS Profiles
- General system performance improved