TRBOnet Enterprise 3.6.

2nd April 2013

The links to download:

TRBOnet™ Enterprise installation package (Client, Server, and Agent):
http://trbonet.com/download/latest/3.6.0.110/TRBOnet.Enterprise_3.6.0.110.zip

TRBOnet™ WebClient:
http://trbonet.com/download/latest/3.6.0.110/TRBOnet.Enterprise.WebConsole_3.6.0.110.zip

TRBOnet™ API:
http://trbonet.com/download/latest/3.6.0.110/TRBOnet.Enterprise.API_3.6.0.110.zip

The main release features are:

Job Ticketing

Job Ticketing is the integrated ticketing system which allows Dispatchers to create, assign and track job tickets through the radio network. Jobs can be accepted, declined and finished by the subscriber units by one-button click or by sending the predefined text message. Job statuses are customizable and can be adapted for the customer's business. The Job Ticketing is the solution for hotels, transportation, emergency services.

Web Client – Now Released!

TRBOnet™ WebClient is an extension for TRBOnet Enterprise software which allows Dispatchers to get access to a system using a web browser. This solution helps to continuously monitor GPS positions, online\offline radio status and text conversations. It supports different types of maps, including online Google maps and custom maps, shows street address for any real-time or history point and provides a rich set of pre-defined reports. The special reports on talk sessions helps to extract any voice conversations for any period of time and download them as sound files to a local computer. The solution is platform-independent and could be used on any device through any web-browser.
Live Demo

Radio Interface Update

- **More flexibility:** It is possible to create custom Radio Interfaces with Channel and Private Call boxes.
- **Quick Commands**: create commands like Telemetry or Text or Voice Message and put it in a Radio Interface for one click access

5Tone Support

Now TRBOnet supports 5Tone/Select5. MOTOTRBO Generation 2 is required as control radios.

Limitation: Group Calls supported only.

Blast Tone / Radio Silence Update

Now Blast Tone can be started/stopped by Dispatcher.
Telemetry command maybe sent before starting and after the stopping voice message

Online Map Updates

- Now TRBOnet supports a new online map – **Bing from Microsoft**. Use it for free for 90 days and buy a map license if you like it.
- New map Object Type – **Route**.
- It is possible to **edit** Regions and Routes.

Scheduled Voice Messages

In addition to Text and Telemetry, now it is possible to schedule transmitting pre-recorded Voice Messages.

TRBOnet Enterprise 3.5.

24th April 2012

The links to download:

TRBOnet™ Enterprise installation package (Client, Server, and Agent):
http://trbonet.com/download/latest/3.5.0.2/TRBOnet.Enterprise_3.5.0.2.zip

TRBOnet™ WebClient:
http://trbonet.com/download/latest/3.5.0.2/TRBOnet.Enterprise.WebConsole_3.5.0.2.zip

TRBOnet™ API:
http://trbonet.com/download/latest/3.5.0.2/TRBOnet.Enterprise.API_3.5.0.2.zip

The main release features are:

VoiceDispatch for ConnectPlus

TRBOnet software now allows connection to Connect Plus XRT9000 controller and provides voice features for Connect Plus systems.

Limitation: Currently private calls via XRT9000 are not supported for North America region.

Voice Messaging update: Blast Tone

The feature allows to automatically start sending a prerecorded voice message over the channel(s) on a telemetry received (i.e. a programmed button pressed on a portable radio), Text or DTMF. The system allows user to configure an interval between voice messages and the number of iterations. The voice message iterations can be also stopped according to a specific setting (i.e. by pressing a preprogrammed button)

Dynamic Channel Groups with CrossPatch

The dispatcher can make groups of channels and press PTT for the whole group by one mouse click. The channels in the group can be also crosspatched by one mouse click if necessary.

Pre-recorded Voice Messages (TX Passive) Update

New quick panels for transmitting pre-recorded voice messages. The messages can be used as a quick way to start a predefined group alarm call.
It is recommended to use TRBOnet recorder to record such messages.

Dispatch Call / Private call to a particular dispatcher

The software now allows making a private call to a particular dispatcher (i.e. a subscriber dials #101# and system automatically starts a private call to dispatcher id 101)

Enhanced (binary) CrossPatch

Enhanced CrossPatch function allows patching individual repeaters or IPSC systems in advanced mode (both voice and data, private calls, text etc.) TRBOnet Server does not parse DMR data, but instead works as an intelligent IP switch.

Local Slots support for IPSC

TRBOnet is now able to display local slots of IP Site Connect system and receive voice and data from these local slots (RX only).

Capacity Plus Enhancement: Mixed Mode (control stations & IP Connect)

TRBOnet™ software is able to RECEIVE voice and data from repeaters directly.
Control stations are still required to TRANSMIT voice calls (i.e. 2 mobile control stations for 2 talk groups but no need for data control stations as the server receives all the data over IP from repeaters directly)

Proxy Server for Online Maps

TRBOnet software now supports proxy servers.

Route Playback

The software is now able to playback location history of the radio(s) on map.

Windows Authentication

TRBOnet system administrator is now able to use the domain authorization for users to access the TRBOnet system.

DispatchConsole Customization Update

Updated dispatcher accounts access rights. Exact dispatcher can have access to a limited number of software interfaces (i.e. Voice interface only or GPS and reports only etc.)

TRBOnet Open API (available on request)

We provide API (a .Net 4.0 library) for TRBOnet Server. The API offers the following advantages:

- Develop your own web and windows-based client software for TRBOnet
- Do integration with existing systems

Indoor Positioning update

The following updates are available for Indoor positioning module:

- In case an alarm was triggered on a radio located on an Indoor floor plan the respective floor plan tab in application will blink (red color)
- The current beacon location and 2 latest locations will be displayed on the floor plan for a radio in case an alarm was triggered for the radio
- The alarms triggered have a source description (i.e. Manual, ManDown or NoMovement)

Limitation: K-TERM Lone Worker Alarm is not supported

New Icons

TRBOnet™ provides new custom icons for subscriber radios:

- Excavator
- Dump truck
- Train

TRBOnet Enterprise 3.0.

20th December 2011

The main release features are:

ConnectPlus support: ARS, GPS, TEXT

TRBOnet™ RadioServer connects to a controller directly over IP. No master radios required. No voice features available yet.

Indoor Positioning

The ability to track units inside buildings. Beacon based solution. Wireless solution, does not require any infrastructure i.e. LAN Read More

WebClient (Beta)

TRBOnet™ WebClient is an extension for TRBOnet Enterprise 3.0 software which allows Dispatchers to get access to a system using a web browser. WebClient is the best solution for carriers, operators and systems with huge number of users. Read More

CapacityPlus Enhancement: Direct IP connect to repeaters

TRBOnet™ software is able to RECEIVE voice and data from repeaters directly.
Control stations are still required to Transmit. Number of Control stations should be less than number of Talk Groups. Virtual talk group boxes are displayed on Voice Dispatch Interface.

Limitation: Private calls are not supported.

Voice Messaging (Evacuation Messages)

Canned voice messages can be transmitted over channels on demand by subscriber units.
Supported command types: DTMF, Text Messages, Telemetry
e.g. A predefined recorded voice message will be broadcasted over the radio network when a telemetry command came from a radio (telemetry sensor worked or a programmed button pressed).

Improved Show Route function

The dispatcher is now able to see the routes of several subscriber units at once

Telephone Interconnect improvements

New voice attendant; custom voice menu; new tones.

Geofencing Improvement

An Alarm SMS contains a link to GoogleMaps with the latest available coordinates.
Lone Worker tied to Geofencing (e.g. LoneWorker is automatically started when a subscriber enters or leaves certain area on map).

Voice Recording Options

TRBOnet™ now allows disabling or enabling the voice recording for:

- Particular control station
- Particular Time Slot
- CapacityPlus
- SIP

TX Interrupt support on IP Connect to repeaters

Starting with 3.0 version TRBOnet™ supports TX Interrupt feature with direct connection to repeaters which allows a dispatcher interrupt group and private calls and also enables Telephone Interconnect for direct IP connect to repeaters.

Limitation: Enhanced Privacy and TX Interrupt can not be used on same channel at once.

Channel Volume Control and Selected/Unselected channels

The volume level can be now adjusted on every single Chennel Box. Exact audio out can be set. For instance, sound from Selected Channels – to left speaker, Sound from Unselected Channels – to right speaker.

CrossPatch improvement – PTT Button for patched channels/talk groups

PTT button for CrossPatch allows making a broadcast call on all patched channels by one mouse click.

Alarm/Emergency Tone update

The duration of Emergency tone in Dispatcher Console can be set. A dispatcher can always reset the tone by mouse click.

TRBOnet Enterprise 2.8. 25 March 2011

We added several new features which significantly facilitate the operation of dispatcher centers and radio subscribers.

The main release features are:

Direct connect to an IP Site Connect repeater

There is no need in master radios with TRBOnet Enterprise 2.8! You can now easily connect to a repeater directly using a LAN cable.

System planner for Enhanced GPS

Our system planner allows calculating your values of window size and window reservation to provide required number of GPS updates which really helps you in configuring your equipment with enhanced GPS.

Logical Groups

In addition to radio groups the user can add logical groups and assign subscribers to these groups. You are now able to divide users into several custom logical groups (e.g. “Office”, “Field” etc.) and display the subscribers on the contacts list due to these groups.

Improved Contacts Tree

- **Quick Access Buttons** allow one-click access to the most common actions for a subscriber or a subscriber group (e.g. Private call, Send message etc.)
- **Improved filters** allow sorting the list of subscribers according to radio groups, logical groups or subscribers' status

Map History

TRBOnet Enterprise 2.8 allows a dispatcher viewing location history on the map. This feature is really useful in case you need to know location of subscribers at an exact time.

Integration with Google Street View

A dispatcher can find a subscriber on Google Street View service according to registered position and direction.

Adjusting a master radio's volume level from the Dispatcher Console

A dispatcher can now adjust TX and RX volume levels of a master radio right from the Dispatcher Console window.

Improved reports

We improved existing and added new reports for you. For instance, the "Idle Time" report allows to get informed about situations when a vehicle stopped, but the engine was running.

TX Timeout for dispatchers

The default limited call session time for a dispatcher is 1 minute.

Advanced SIP Options

You can now specify the SIP packet time according to your equipment or SIP provider requirements.