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TRBOnet Digital Technologies

MOTOROLA SOLUTIONS CHANNEL AWARD WINNER 2012

TRBOnet Enterprise 4.6 Release Notes

December 2nd 2014

The Main Release Features

TRBOnet Mobile Client for Android

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.

AES Encryption

TRBOnet Enterprise now supports AES 256 Legacy and AES 256 DMR encryptions.

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

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TRBOnet Enterprise 4.5 Release Notes

September 9th 2014

The Main Release 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