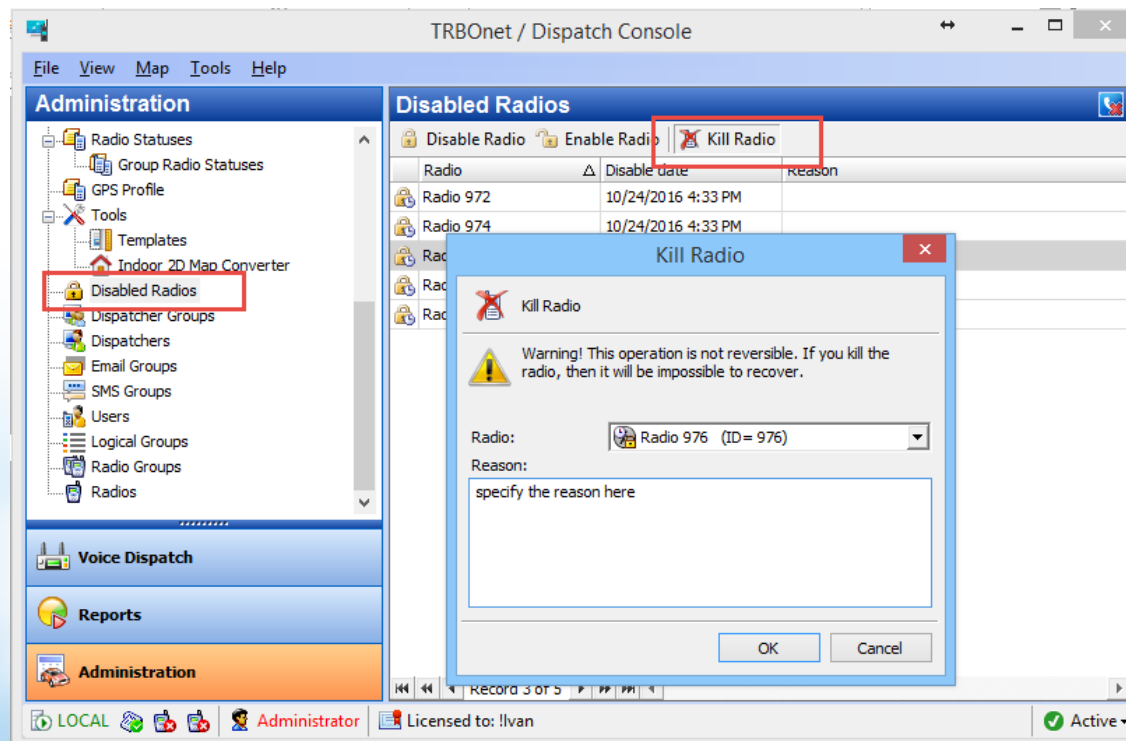# TRBOnet 5.1 New Features

January 24, 2017

Radio Kill for CapMax 2.7

Allows the dispatcher to kill a radio. The killed radio is not operable, and can be recovered by Motorola only.

- Users with the admin rights only

- Suspended Radio Kill

Status Messages for CapMax 2.7

- Up to 250 status messages

- Very short commands (60ms)

- Sent over Control Channel

- How to use: Request to Talk,

   Alarm Management, User Activity etc

Sign IN / Sign OUT

Designed for shift workers where a radio can be used by multiple people. Shows name of worker instead of Radio ID.

New: Forced Sign-In

A radio user must sign-in within a specific time.

As soon as a radio switched on, TRBOnet sends voice/text reminders asking a user to sign-in. If a user does not sign-in, the TRBOnet sends Radio Disable command.
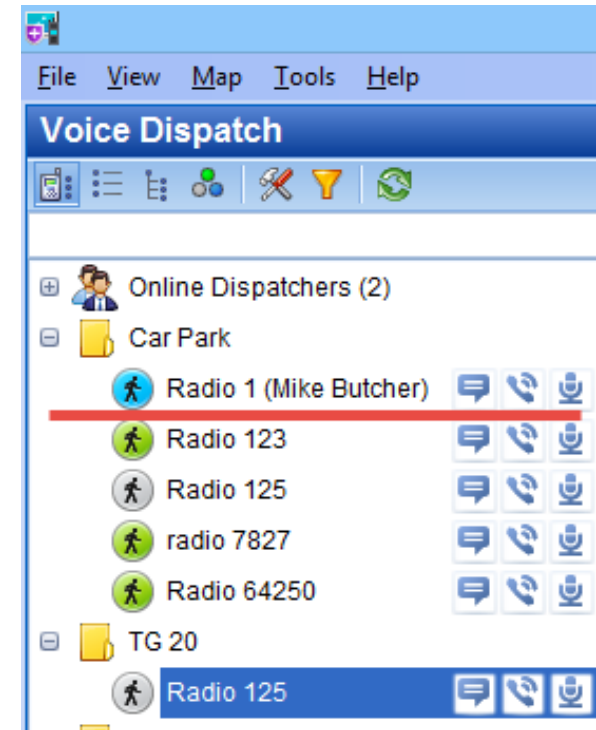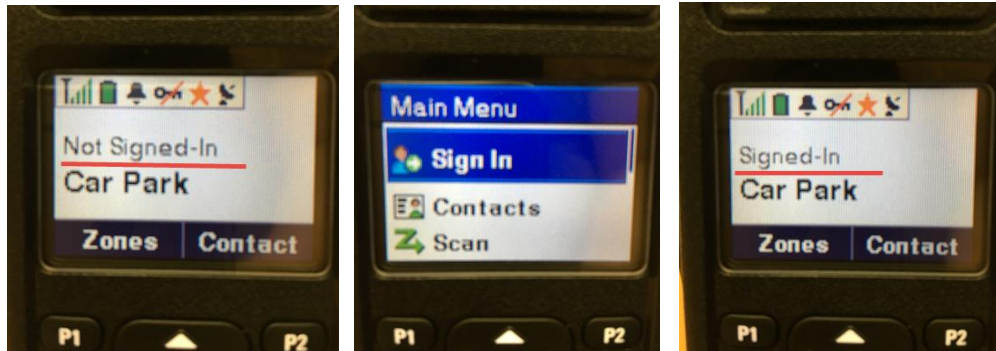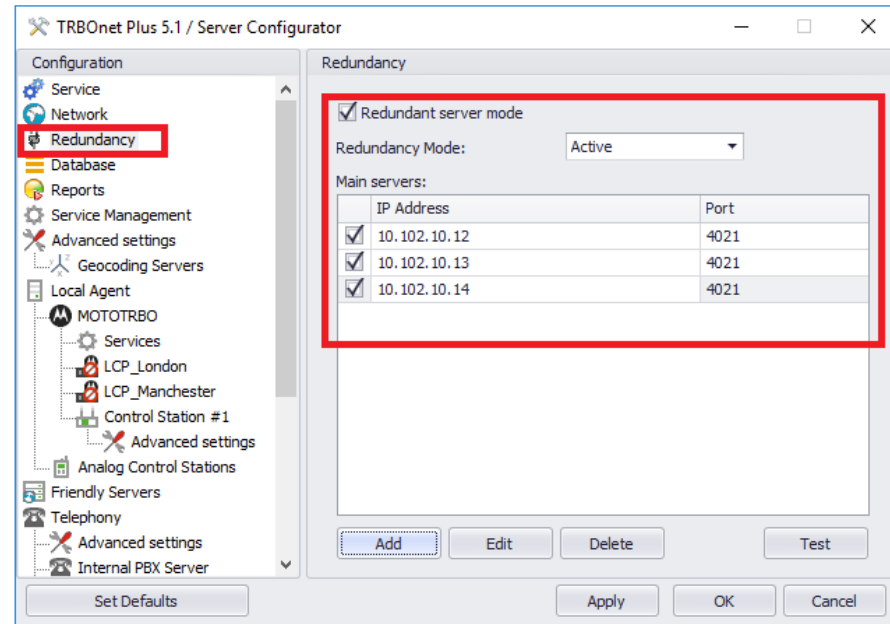
Redundancy Update

- Full support for Capacity Max 2.7 redundancy

- All infrastructure components can be redundant
  - Server, Data Gateway, VRC, Trunking Controller, Swift Agent

Supported Topologies:

- Single Server on Failover Cluster

- N+1 Redundancy

- Multi Server installation

Request To Talk (RTT)

A radio user sends RTT to Dispatcher or Group or Dispatchers using Call Alert, DTMF, Telemetry, TEXT or Status Messages. RTT appears on a dispatcher PC as PopUp message with audible alert, thus dispatcher will not miss RTT even if all talk groups are muted. Dispatcher can Accept, Reject or Queue RTT.

- RTT to Dispatcher or Dispatch Group
- Radio, Phone and Intercom Calls
- Group and Individual response Call
- Card and Table View for RTT
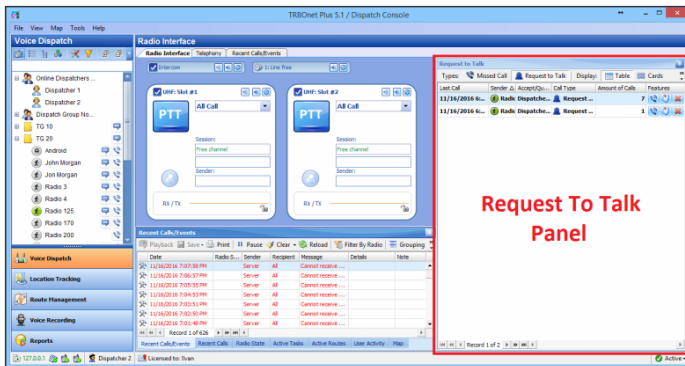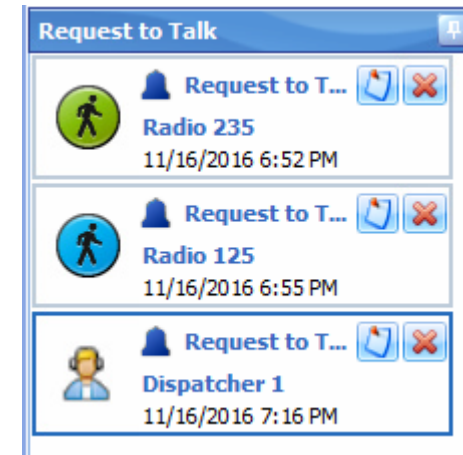
Alarm Management Update

Support for Modbus:

TRBOnet fully supports Modbus protocol. TRBOnet Server can work as Modbus Master or Slave.
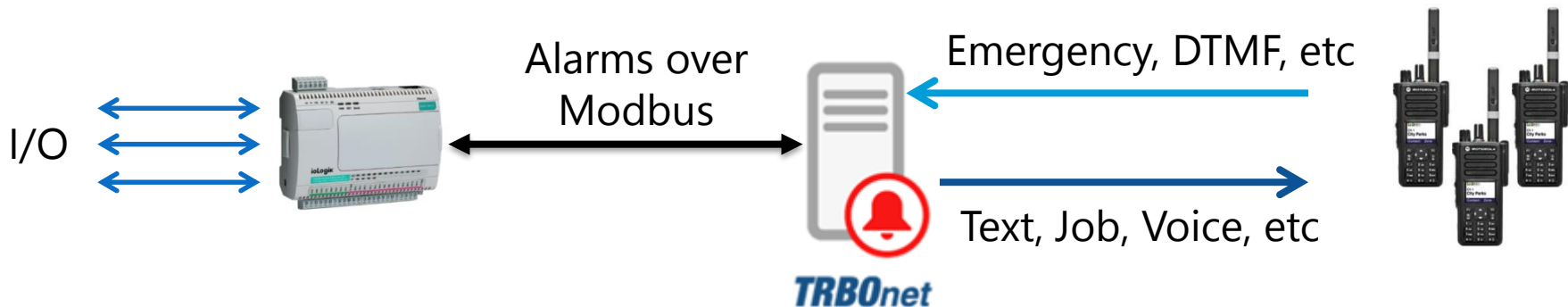
READ: Alarm from Modbus device (RTU) can initiate an action (e.g., voice/text message to radios)

WRITE: in case of radio alarm TRBOnet sends command to Modbus device (RTU)

I/O

Alarms over Modbus

Emergency, DTMF, etc

Text, Job, Voice, etc

TRBOnet

Guard Tour

Based on Indoor Positioning, this feature allows creating scheduled patrol tours and assigning guards to these routes. It ensures that the personnel attends all checkpoints in the specified order and within the predefined time intervals.

• Bluetooth Indoor Positioning (e.g. iBeacons)

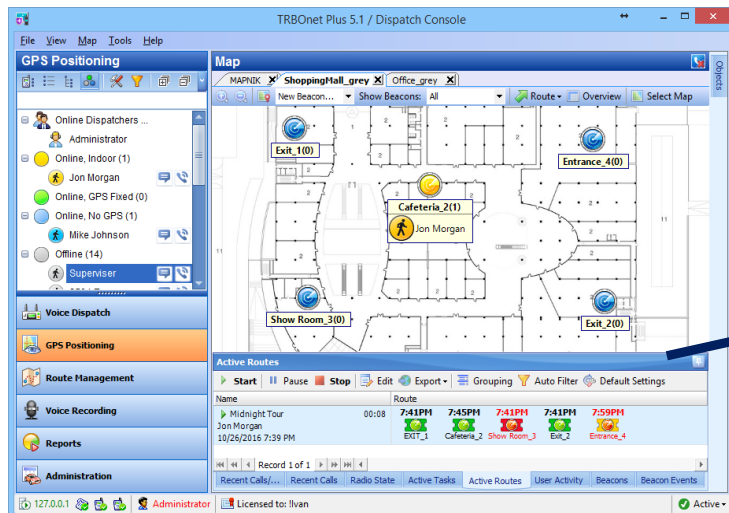• Can be combined with real-time tracking and location on emergency (i.e. ManDown)
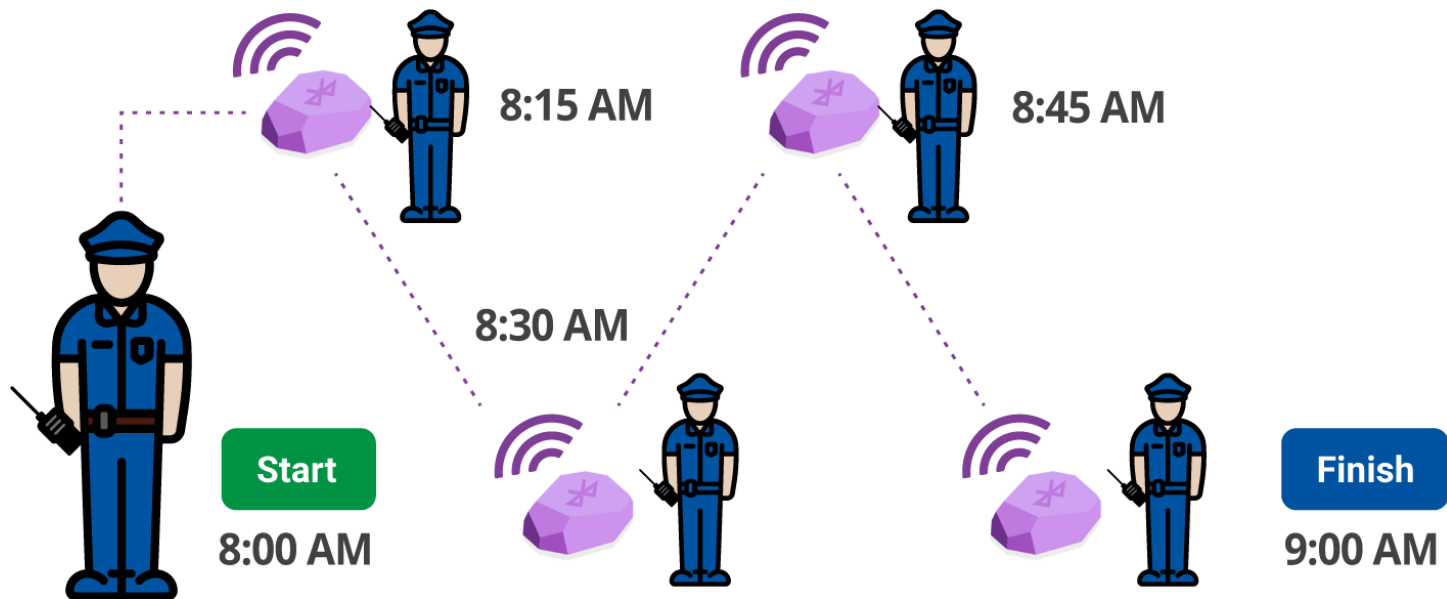
Guard Tour

Guard Tour Modes:

- Strict schedule (each checkpoint must be attendant within a specific time range)

- Loose schedule (time ranges for checkpoints are not specified)

Monitoring Checkpoint Statuses Set Automatically

- When the guard tour starts, the Active Routes pane displays all checkpoints with the Waiting status (grey). Then all attended checkpoints automatically change their statuses to Attended (green) or, if a checkpoint is attended with emergency, to Alarm (red).

Multiple Audio Devices

Selected / Unselected channels as well as particular Talk Groups can be assigned to specific audio devices

Emergency Call

Selected

Phone Calls

Unselected

Other Features

- Custom Icons for Subscribers

- Phone Interconnect Update

  - Remote Monitor for an Individual Radio

  - Remote Monitor for a Talk Group

- Support for Web Map Tile Service (layers)

- Support for GSM AT Modem / SMS (e.g., Gemalto BGS2T-232)

USB
Cable

SMS

SMS
Modem

Mobile
Phones
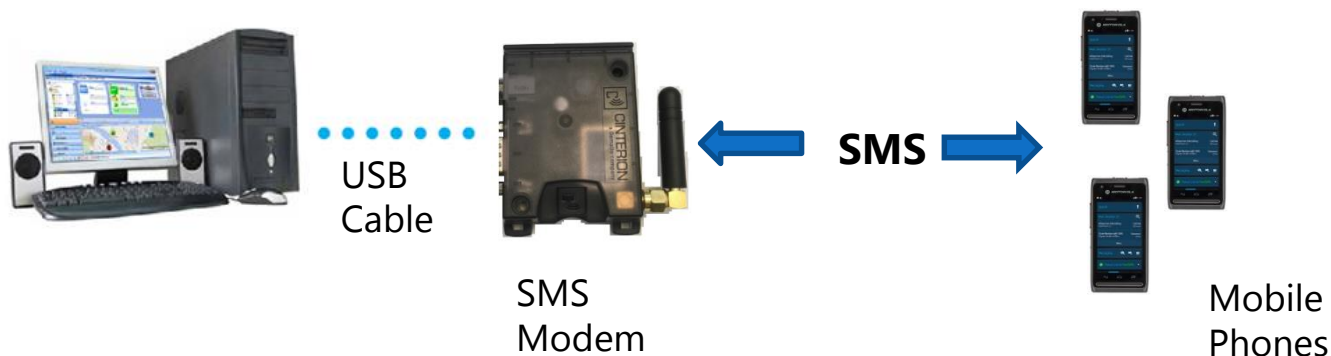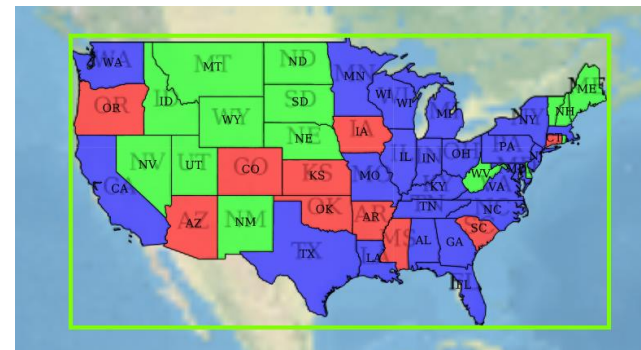
SWIFT Gateway A200: New Generation

Available Now

- Replacement for A002 gateway

- New form factor

- Wireless and **Wireline** (USB-cable) connection to a donor radio

- Display (state, IP address etc.)

New Mic Connector

- Provides high quality audio-in
- Allows to use standard Motorola desk mic and hand mic
- Sound card inside
- Voice goes to PC via USB cable. No static noise

TRBOnet **Dispatch**

Auido Out

TRBOnet **Mic Adaper**

Analog Audio

Auido In

Mobile Client for iOS

TRBOnet Mobile is an application for iOS devices that extends MOTOTRBO to tablets and smartphones. It works like a normal radio and delivers the most important information to the user device.

Available Now

TRBOnet
Digital Technologies

Thank You

www.TRBOnet.com