

1 
Oct 2020

RADIOTRADE WEBINAR TRBONET UPDATES




AUTHORIZED
APPLICATION PROVIDER

DIMETRA™

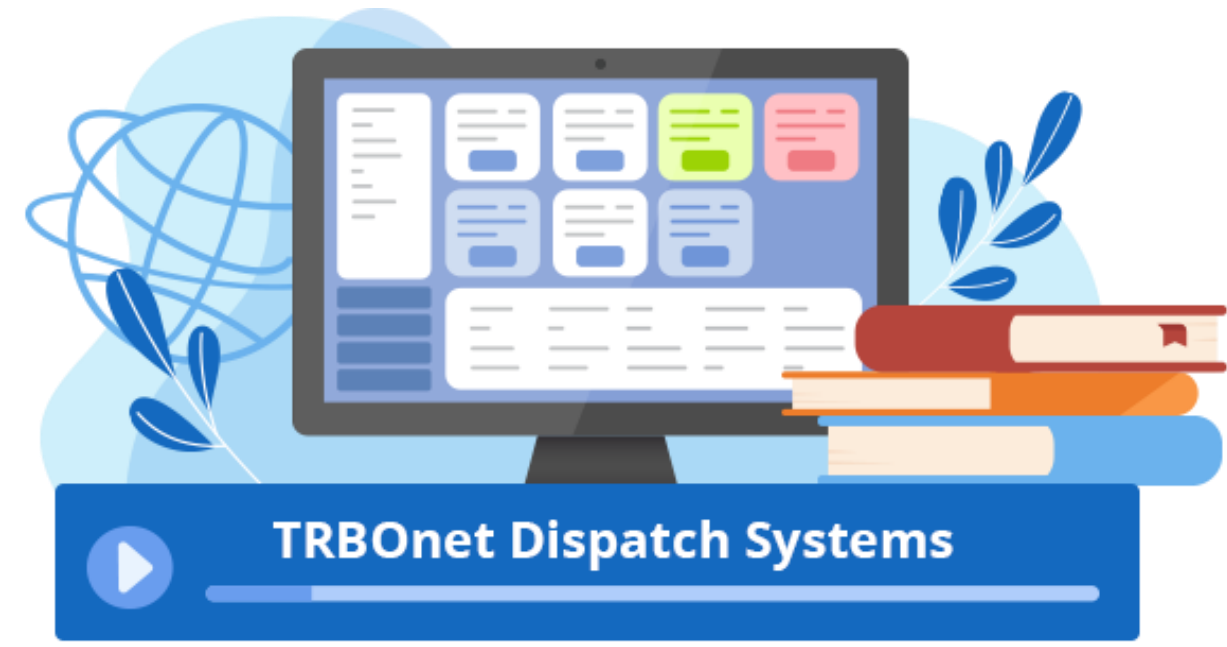
 **MOTOROLA SOLUTIONS**

AUTHORIZED
APPLICATION PROVIDER

MOTOTRBO™

 **MOTOROLA SOLUTIONS**

AGENDA



TRBOnet Enterprise|Plus:

Request To Talk
Radio Allocation

TRBOnet One:

New Widgets

TRBOnet Enterprise|Plus:

Other Features

TRBO.SOS:

Personal Safety App

PTT Mobile Client:

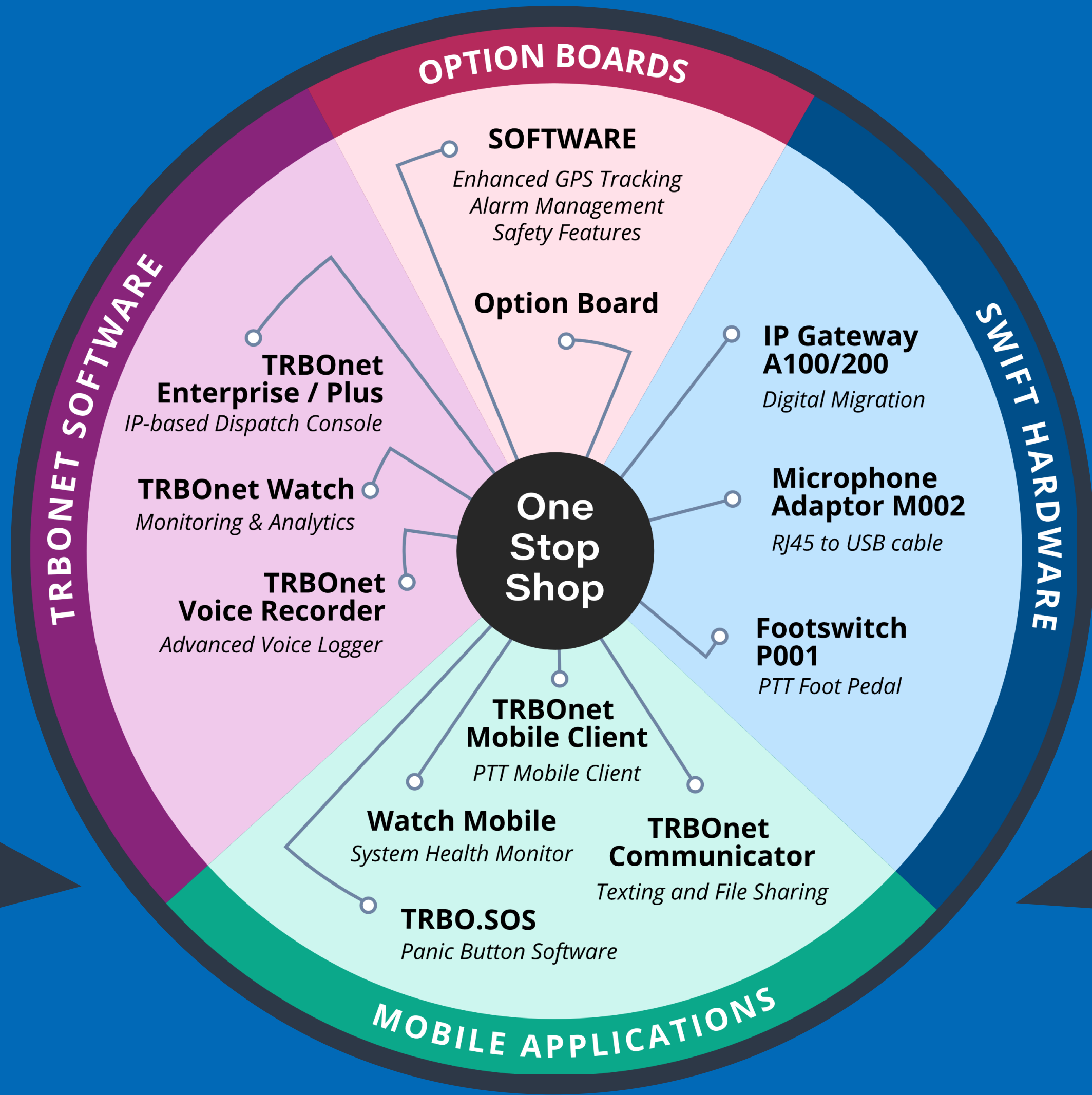
What's New

TRBO.SOS Demo

Q&A



TRBONET
Dispatch Systems




Award-winning IP Dispatch System



Instant PTT from anywhere



Digital migration and remote control room solutions



Effective and efficient Alarm Management



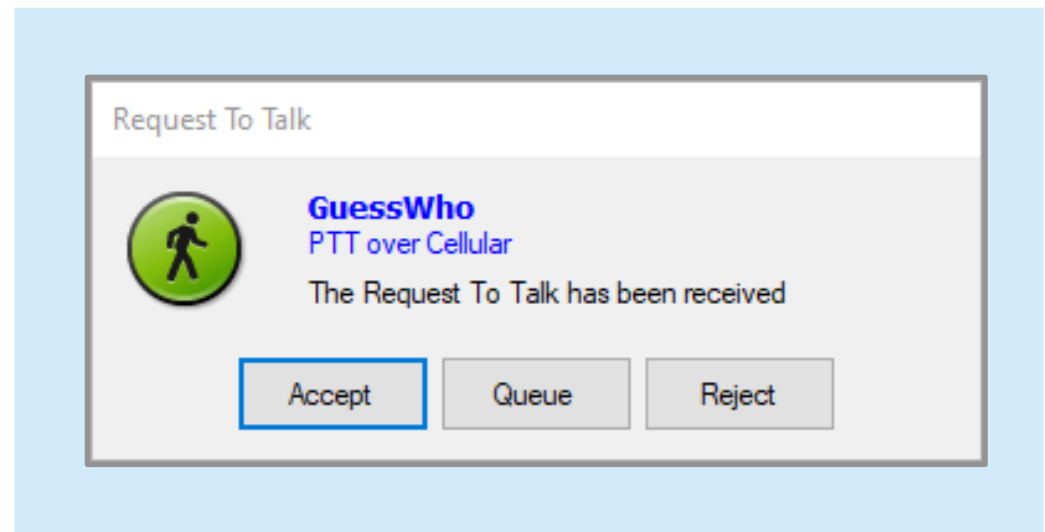
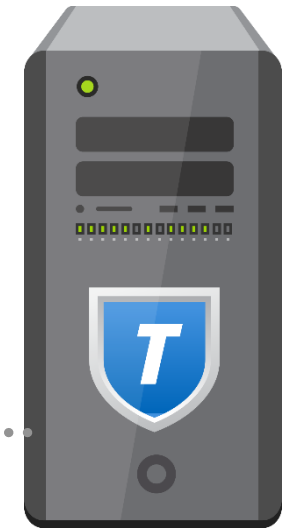
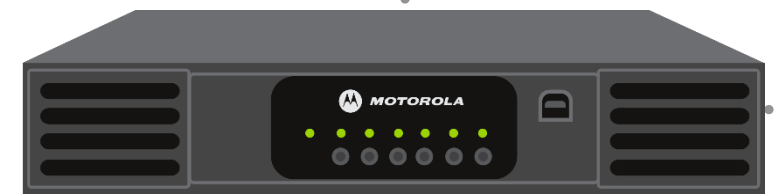
TRBONET
Dispatch Systems

TRBONET ENTERPRISE | PLUS

REQUEST TO TALK [RTT]

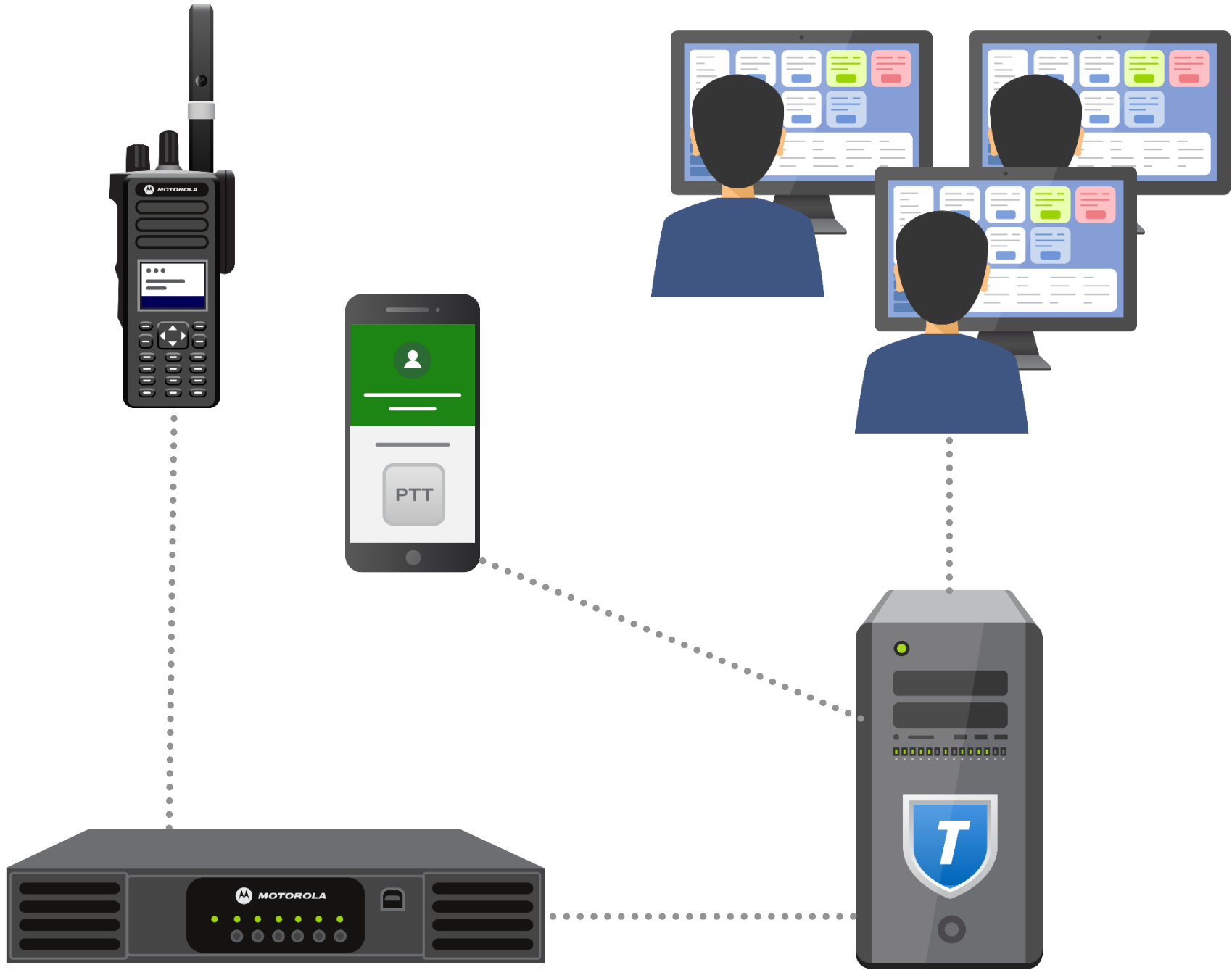
RTT: WHAT IS IT?

- Call Alert
- Text Message
- DTMF
- Telemetry
- Status Message



- Ideal for systems with a large number of subscribers and limited network capacity
- The dispatcher receives a pop-up message and decides how to proceed with the request
- Instant callback or a call to a predefined talk group on PTT

RTT ENHANCEMENTS



- Configured per server **NEW**
- Can be sent to a dispatcher, a dispatcher group or all dispatchers **NEW**
- Synced between dispatchers **NEW**
- RTT status is updated after logon **NEW**
- RTT reports for response time evaluation **NEW**
- RTTs can be seen and managed in the Notifications panel [TRBOnet One] **NEW**
- Notifications in Windows Tray **NEW**

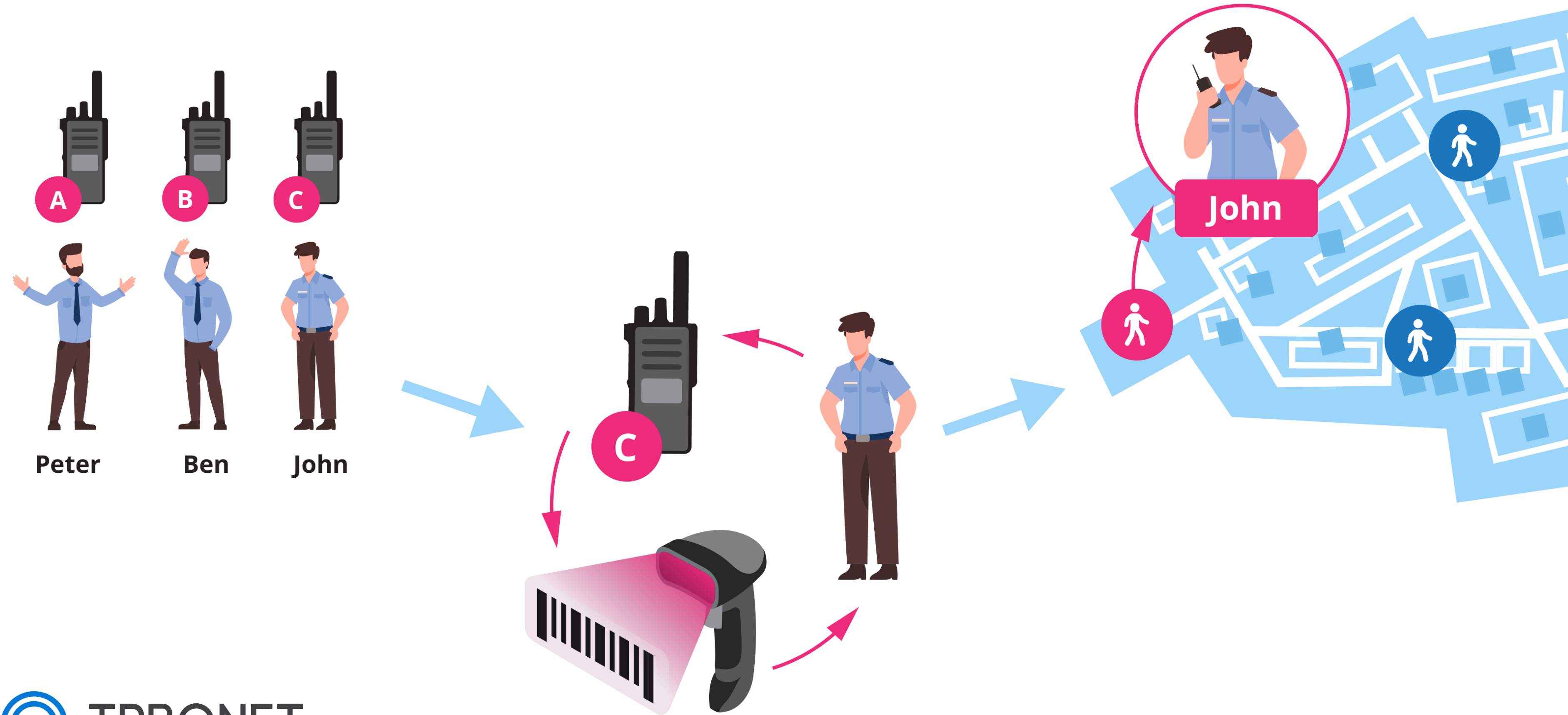


TRBONET
Dispatch Systems

TRBONET ENTERPRISE | PLUS

RADIO ALLOCATION


RADIO ALLOCATION



BARCODE READER

Fast sign-in

- Barcodes are assigned to all radios and all employees
- Codes are added to all users' profiles
- Select which radios are available to each employee

ASSET MANAGEMENT WITH BARCODE SCANNERS	
Radio	User
	
Scan the radio's barcode to check out or in	

Supported scanner: Honeywell Metrologic Xenon 1900g





TRBONET
Dispatch Systems

TRBONET ONE

NEW WIDGETS

TRBONET ALL-IN-ONE 5.6

Build Your Own Console

PTT Boxes

IP Camera



Telemetry Console

Voice Recording

TRBONET ONE 5.5: NEW FEATURES

20:44:38

SPEED DIAL BUTTONS

ATC 2	Eugene	Gate 1
Gate 2	Gate 3	Gate 4
Gate 5	Gate 6	Gate 7
Ground Control	Ground Service	Runway

Page 1 of 2

TELEPHONE LINES

Line 1	Line 2	Line 3
Line 4	Line 5	Line 6

DIAL PAD

1	2	3
4	5	6
7	8	9
*	0	#

ACTION BUTTONS

Call	Hold	Transfer call	Phone Book
Clear	Redial	Conference Call	

- Tower A
- Tower B
- Tower C

DEDICATED LINES

Emergency	ATC
-----------	-----

INDIVIDUAL CALL BUTTONS

Boris J.	Vlad P.	Donald T.
----------	---------	-----------

NOTIFICATIONS

Notifications 2 0 1 Clear All

- MyPhone Emergency Call
- MyPhone Request To Talk 0:02:28
- TRBO.S-O-S Emergency

PDF VIEWER

Attachments Page Thumbnails

TRBOnet Enterprise 5.5

What's new?

TRBO.SOS

TRBO This ne Android person a simp with la Design situatio TRBO.S the dis distres inform locatio

sending its location, which makes it easier for the dispatcher help arrives.

The UI includes a Phone Call button. You can add an emerge that a simple press of the Phone Call button will dial this nur application also includes a feature that allows you to quickly dispatcher. TRBO.SOS includes other advanced personal saf Lone Worker and No Movement. The application supports S to send an alarm all you will need to do is to shake your sma Android, you can use a V.ALRT wearable panic button. With a V.ALRT transmits an emergency alert via Bluetooth to your s an alert to the dispatcher. The same panic button can detect

Request Location

Send Telemetry

Pre-recorded Voice Message

neocom software

TELEPHONE LINES

- Support for multiple PBXs
- Unlimited number of lines
- Changeable line names
- Line status
- Dedicated lines



The screenshot shows the 'Options' window with the 'Phone Lines' tab selected. The 'Phone Lines' table lists two lines: ID 1 (Short Name: L1, Caption: Emergency) and ID 2 (Short Name: L2, Caption: ATC). An 'Edit Phone Line' dialog box is open, showing the configuration for line 1: Short Name: L1, Caption: Emergency, Line Mode: Only incoming calls, Incoming Pattern: 15*, and Outgoing Pattern: Any numbers. The dialog also includes a legend for wildcard characters: * - any number of characters, ? - one character, xxx-yyy - range of numbers from xxx to yyy.

ID	Short Name	Caption
1	L1	Emergency
2	L2	ATC

Options

Phone Lines

Short Name: L1

Caption: Emergency

Line Mode: Only incoming calls

Incoming Pattern: 15*

Outgoing Pattern: Any numbers

You can use wildcard chars in pattern:
* - any number of characters
? - one character
xxx-yyy - range of numbers from xxx to yyy

OK Cancel

PHONE BOOK

- Multiple contact lists
- Contacts are stored in the server
- Dispatcher specific access to contact lists
- A contact can belong to two or more contact lists
- Easy to manage contact lists

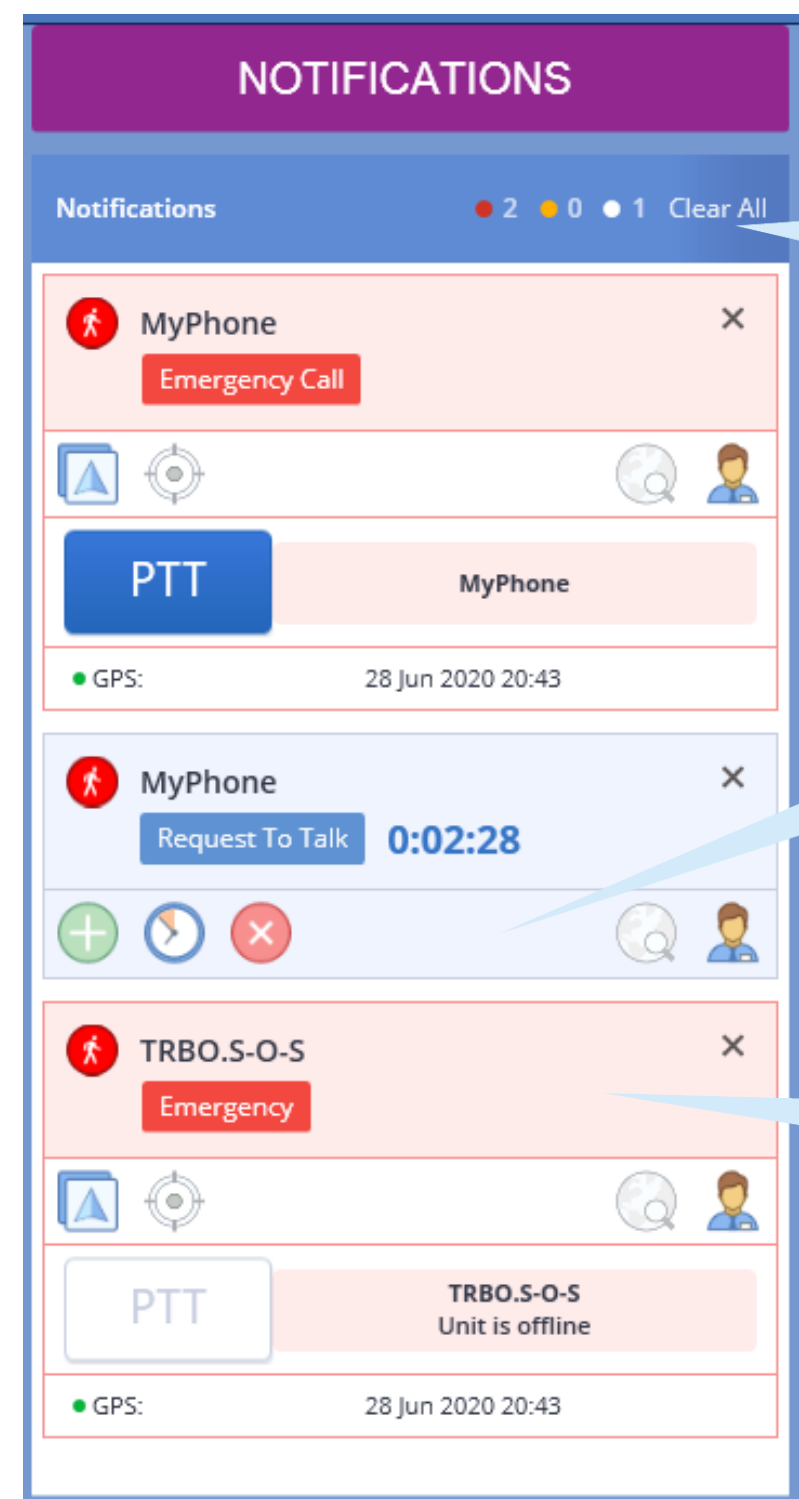
The screenshot displays the 'Administration Tool' interface. On the left, a 'SPEED DIAL BUTTONS' panel shows a grid of buttons for 'Eugene', 'Ground Control', 'Ground Service', 'Runway', 'ATC 2', 'Terminal 1', 'Gate 1', 'Gate 2', 'Gate 3', 'Gate 4', 'Gate 5', and 'Gate 6'. Below this grid are navigation controls and a list of towers: Tower A, Tower B, and Tower C. On the right, the 'Administration Tool' window shows a tree view with 'Telephony' selected. The 'Telephony' window displays a table with columns for 'User Ext...', 'User Name', and 'Logical Groups'.

User Ext...	User Name	Logical Groups
105	Eugene	Tower A, Tower C
118	Ground Service	Tower A, Tower B, Tower C
134	Runway	Tower A, Tower B
135	Ground Control	Tower A
159	ATC 2	Tower A
1601	Gate 1	Tower A, Tower B
1602	Gate 2	Tower A, Tower B
1603	Gate 3	Tower A, Tower B
1604	Gate 4	Tower A, Tower B
1605	Gate 5	Tower A, Tower B
1606	Gate 6	Tower A, Tower B
1607	Gate 7	Tower A, Tower B
190	Terminal 1	Tower A

NOTIFICATIONS PANEL

Features

- Multiple panels for different alerts
- Filtered by:
 - Alert type
 - Target (dispatcher, dispatcher group)



Notifications pending by severity

Request To Talk

Emergency notification

PDF VIEWER AND QUICK COMMANDS

QUICK COMMANDS

QuickCommands

- Pre-recorded Voice Message
- Send Telemetry
- Request Location

Quick Commands Panel

- Send Text Message
- Send Telemetry
- Request Location
- Send Voice Message
- Send Signaling
- Send Command to Control Station
- Request to Talk
- Custom Event
- Send Swift Command
- Send Push Notification

PDF VIEWER

TRBOnet Dispatch Systems

TRBOnet **Enterprise 5.5** April 2022

What's new?

TRBO.SOS

This new mobile application turns your Android or iOS smartphone into a personal safety device. The software has a simple and clean User Interface (UI) with large programmable buttons. Designed to work in dangerous situations when every minute counts, TRBO.SOS allows you to send an alert to the dispatcher instantly. Along with the distress signal, TRBO.SOS sends information to TRBOnet about your location. Your smartphone will continue sending its location, which makes it easier for the dispatcher to track your movements until help arrives.

The UI includes a Phone Call button. You can add an emergency contact to your smartphone and a simple press of the Phone Call button will dial this number when needed. The application also includes a feature that allows you to quickly take pictures and send them to the dispatcher. TRBO.SOS includes other advanced personal safety features, such as Man Down, the Worker and No Movement. The application supports Shake Detection, so that if you send an alarm all you will need to do is to shake your smartphone. If your device runs on Android, you can use a V.ALRT wearable panic button. With a press of the button, the V.ALRT transmits an emergency alert via Bluetooth to your smartphone, which instantly sends an alert to the dispatcher. The same panic button can detect the Man Down event.

Full-featured PDF Viewer

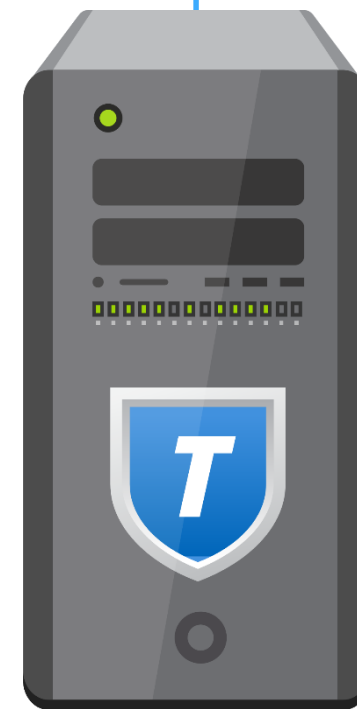
LICENSING



TRBOnet One



Classic Console



- Dispatcher connectivity
- Interchangeable with the classic console
- Included in Enterprise and Plus packages
- Versions of the server and TRBOnet One must match

TRBONET ENTERPRISE|PLUS: OTHER FEATURES

SUPPORT FOR TETRA CHANNELS

- Requires A200 + MTM5400
- Radio IDs
- Group Calls
- GPS Updates **NEW**
- Private Calls **NEW**
- Text Messages **NEW**

SYSTEM RELEASE 2020.01

- Call Handover [Cap Max]
- Single Slot Data Support
- Support for LIP [IPSC]

SYSTEM RELEASE 2020.02

- Cancel Emergency Alarm [Cap Max]
- Dynamic User Alias [Cap Max]
- In-band GPS



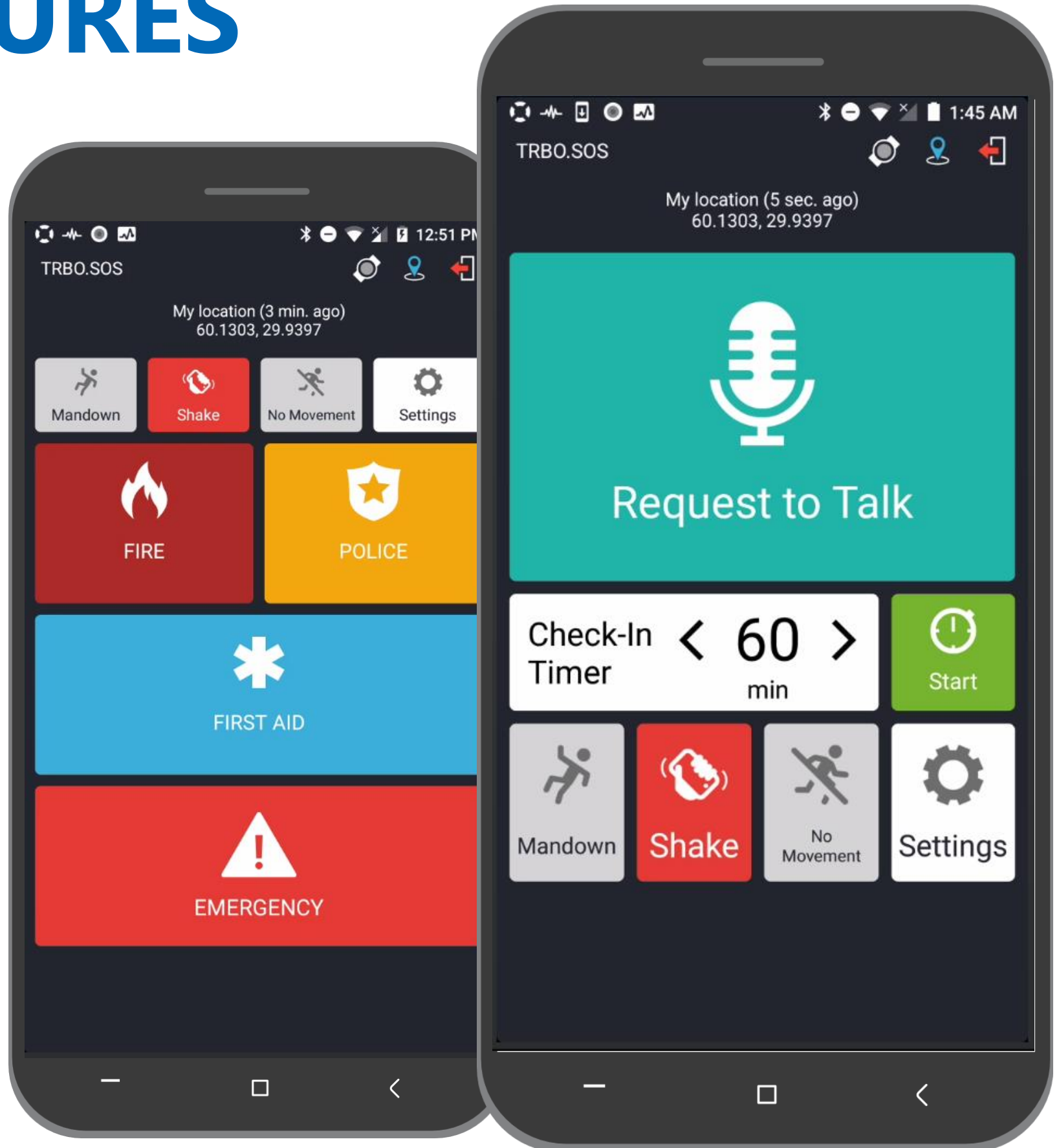
TRBO.SOS

Panic Button App



APPEARANCE AND FEATURES

- Android and iOS phones
- Configurable buttons
- Different types of emergency
- Remote monitor
- No permanent server connection
- Personal safety features
- Support for V.ALRT wearables
- Remaining battery life [5.6]
- Registration via SMS or email [5.6]



CONFIGURATION

- Multiple profiles
- RTT or a predefined phone number
- Lone Worker
- Alert severity levels for buttons
- Custom events as triggers in Alarm Management
- Safety buttons
- Battery level
- Remote monitor
- Location settings

Mobile Client Profile (TRBOSOS)

Profile Name: TRBO.SOS #1

Client Type: TRBOSOS

Available Modes: SOS Services

Location TRBOSOS Events Voice

Show Call button

Call Action: Request To Talk

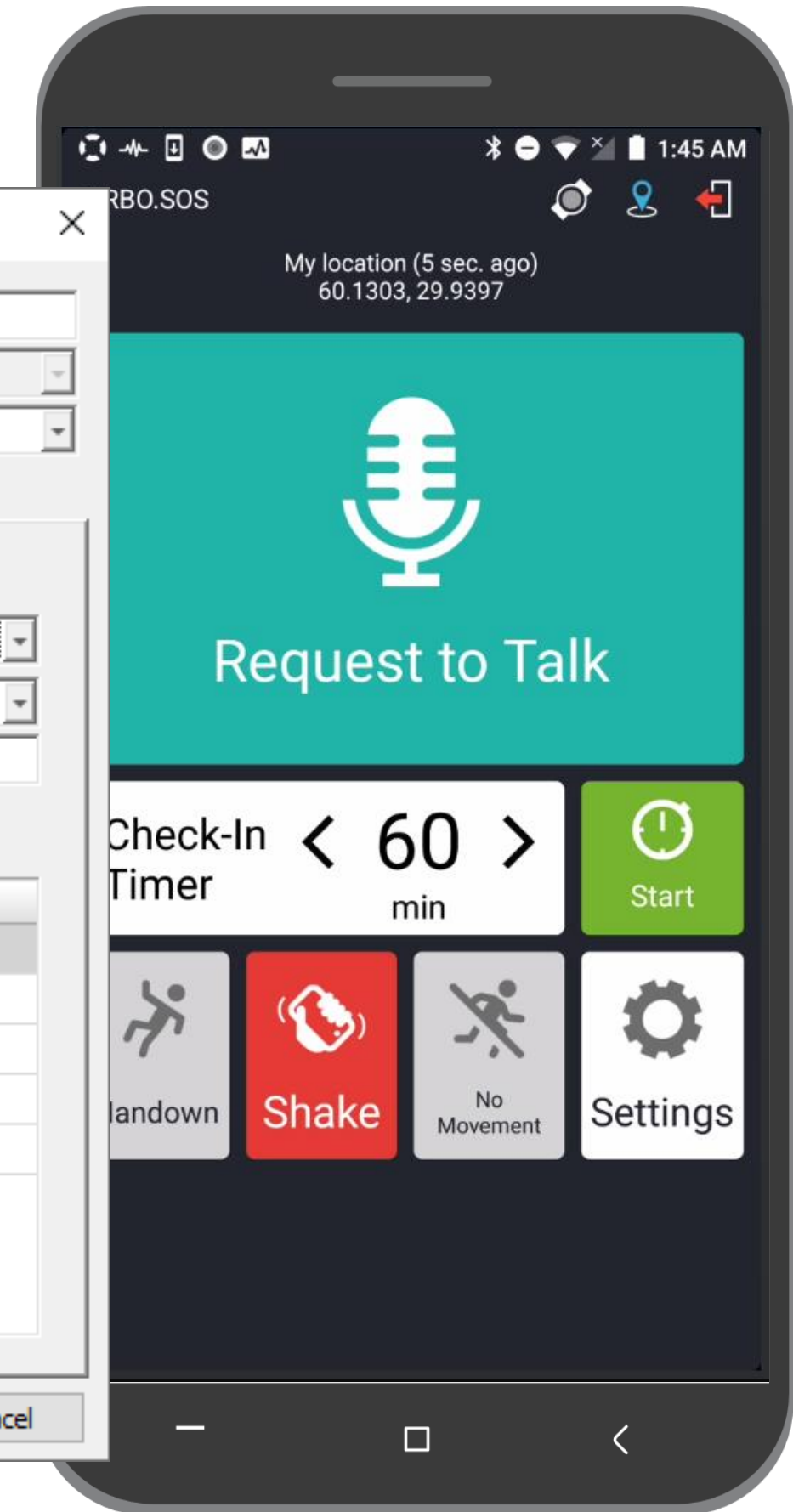
Call Target: Home Group

Call button Name: Client default

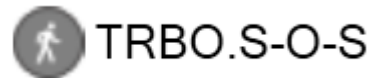
Show Lone Worker button

	Type	Caption	Severity	Custom Event
<input checked="" type="checkbox"/>	FIRE	Client default	Alarm	1
<input checked="" type="checkbox"/>	POLICE	Client default	Alarm	2
<input checked="" type="checkbox"/>	AID	Client default	Alarm	3
<input checked="" type="checkbox"/>	REPORT INCIDENT	Client default		
<input checked="" type="checkbox"/>	EMERGENCY	Client default	Alarm	4

Defaults OK Cancel



EMERGENCY MODE



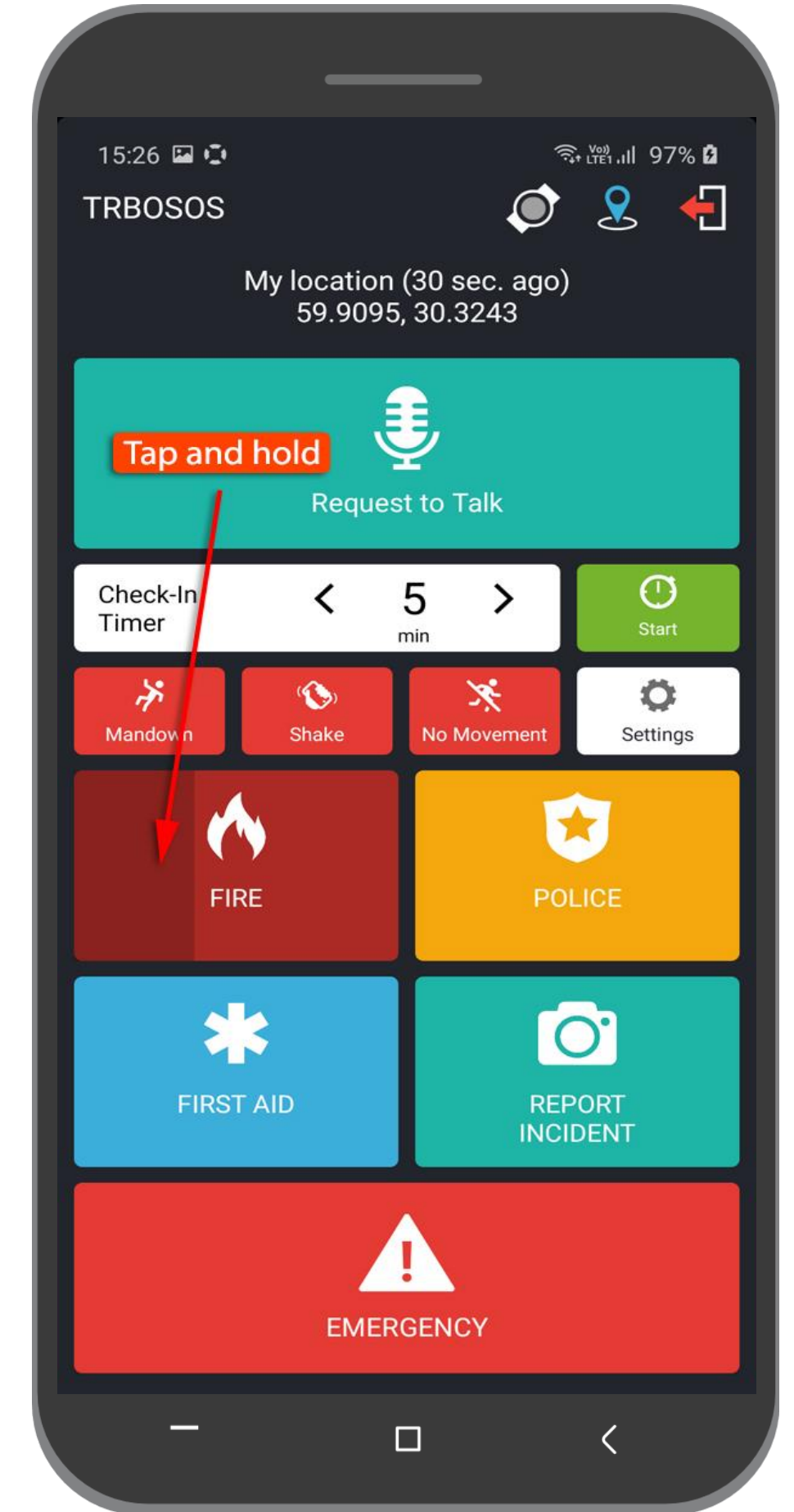
When it is not in the alarm mode, a TRBO.SOS subscriber appears as an offline radio



When the software generates an emergency alert:

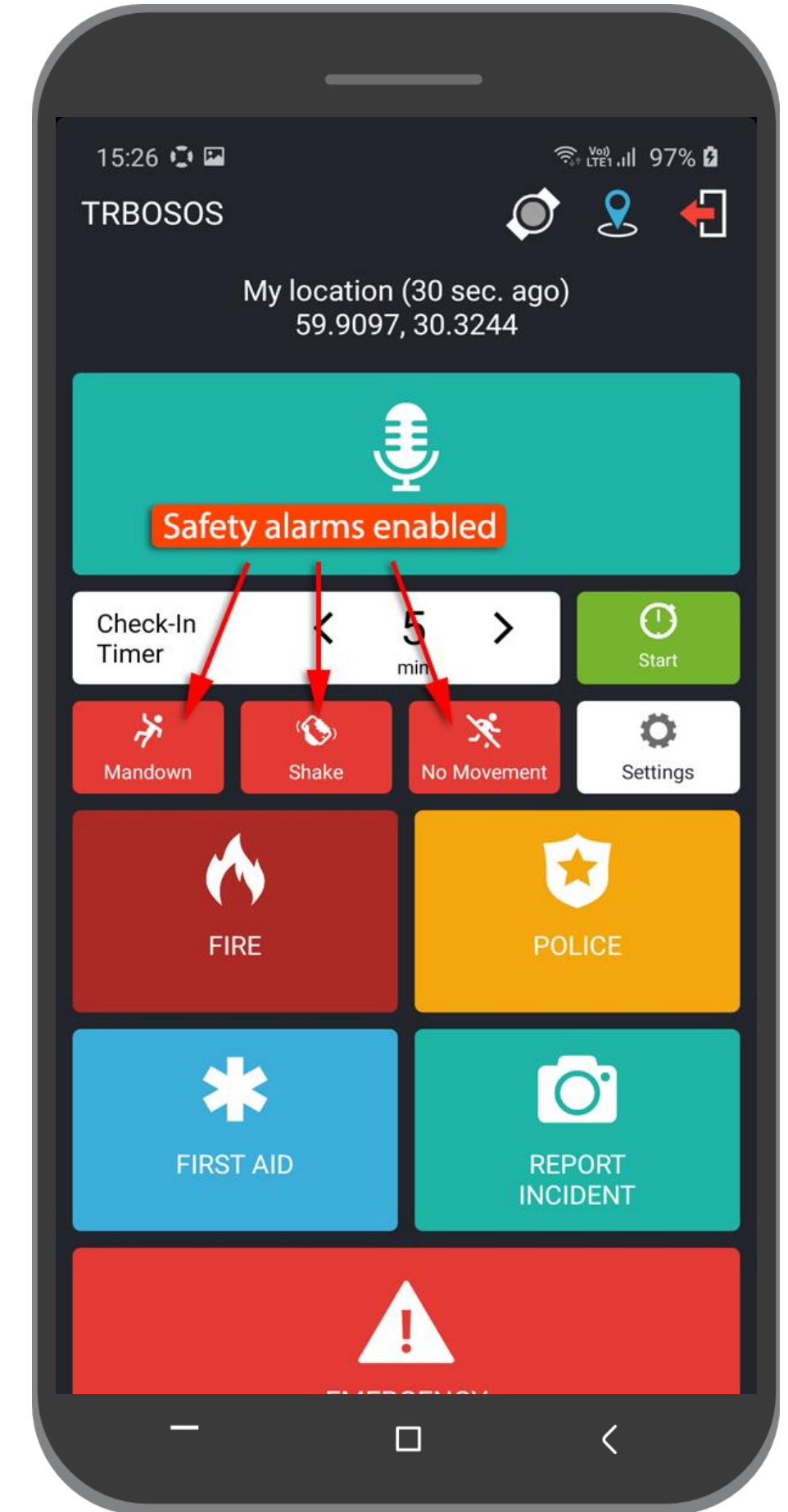
- The unit goes online
- TRBO.SOS starts reporting its location according to the configuration
- Dispatcher can use Remote Monitor if activated

The emergency mode lasts for 24 hours or until the alarm is cleared



SAFETY FEATURES

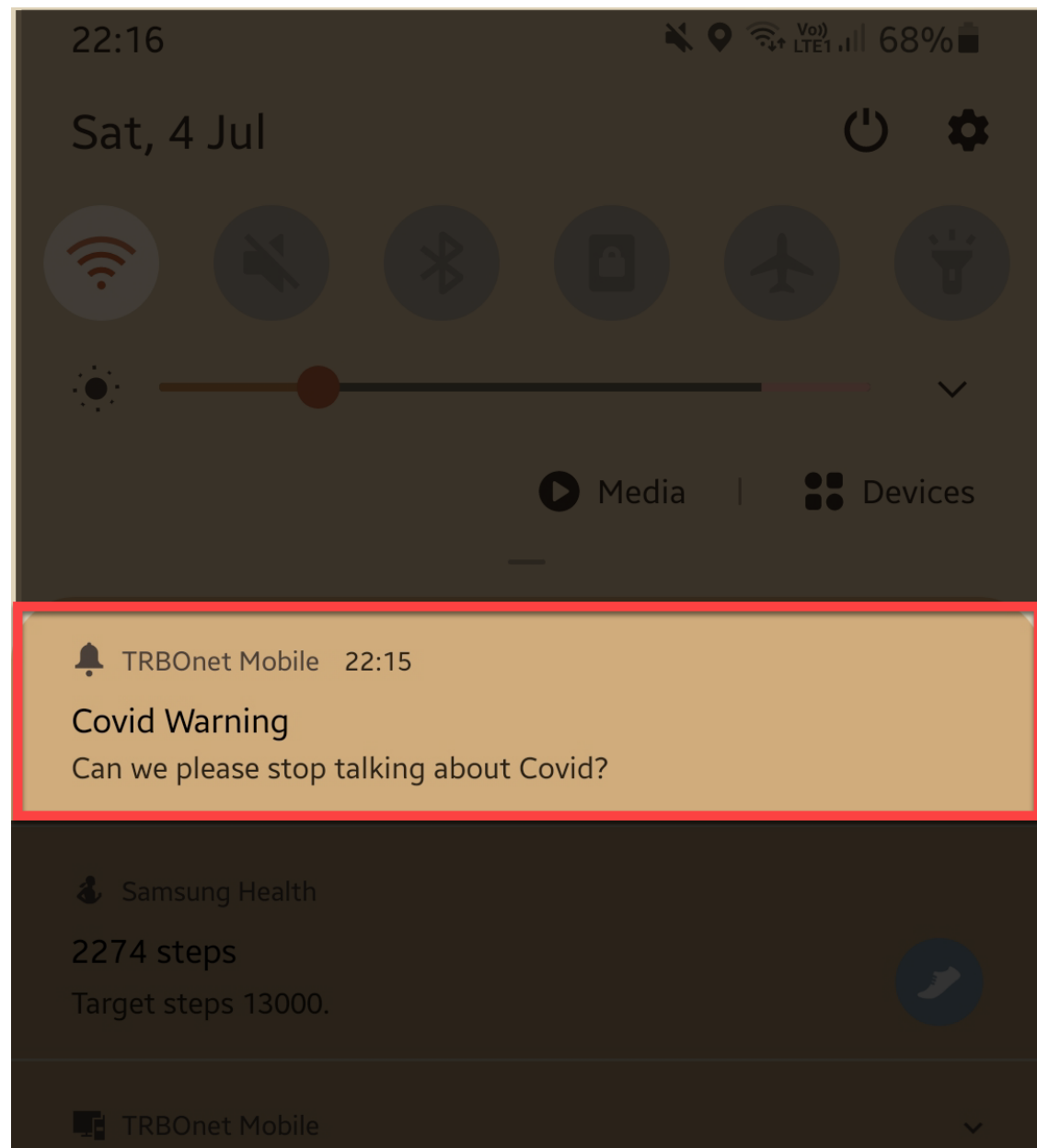
- Man Down: select device orientation
- No Movement
- Shake Detection: adjustable sensitivity
- Lone Worker: select duration
- V.ALRT wearables
 - Connects to the smartphone over Bluetooth
 - Man Down detection
 - The button can be used for alarm notification



OTHER FEATURES

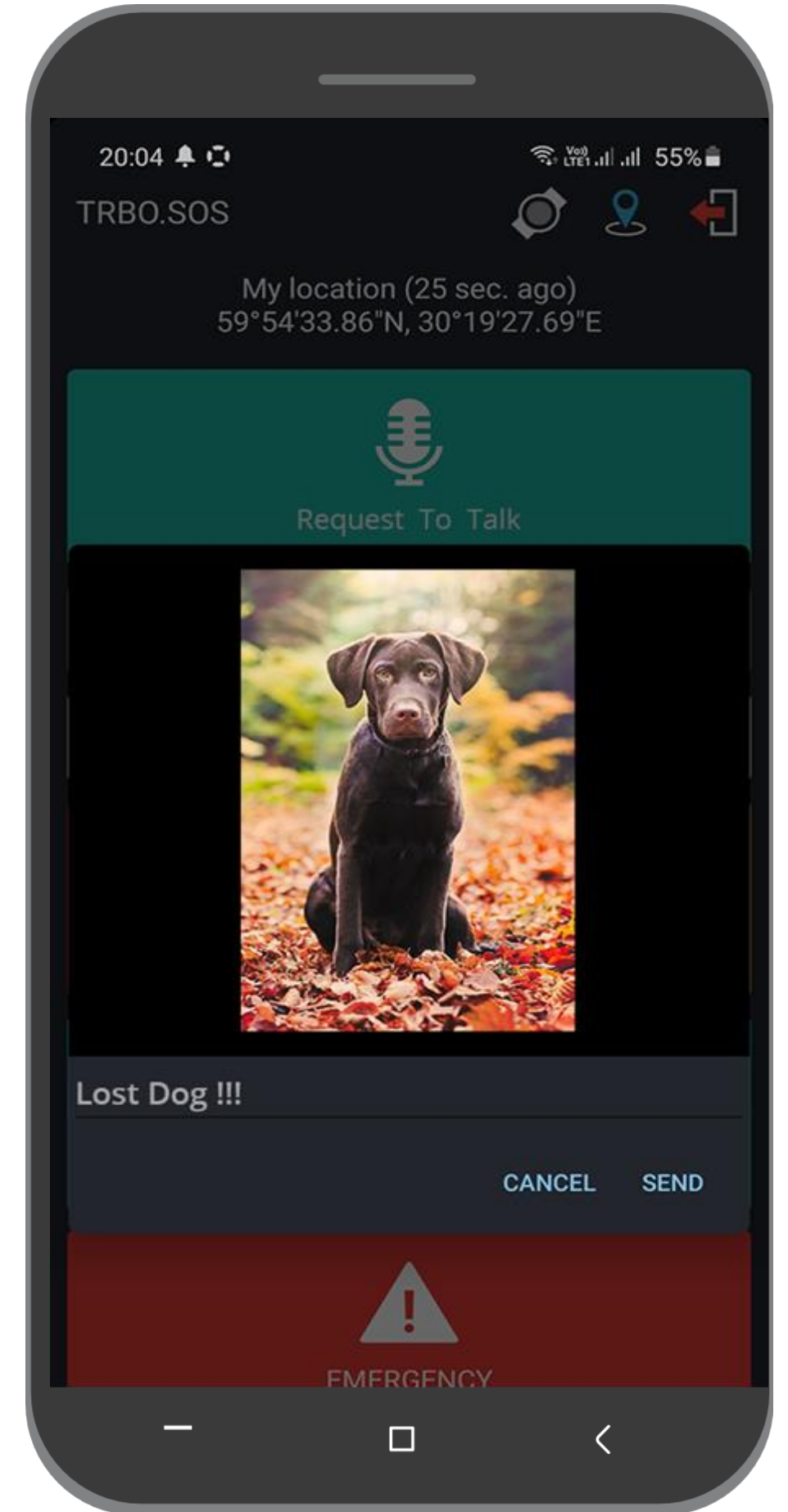
Incident Reporting

- Take a picture and send it to the dispatcher
- The picture and message appear in the console



Push Notifications

- The dispatcher can send out push notifications to TRBO.SOS users
- Different severity options





TRBONET
Dispatch Systems

PTT MOBILE CLIENT

NEW FEATURES

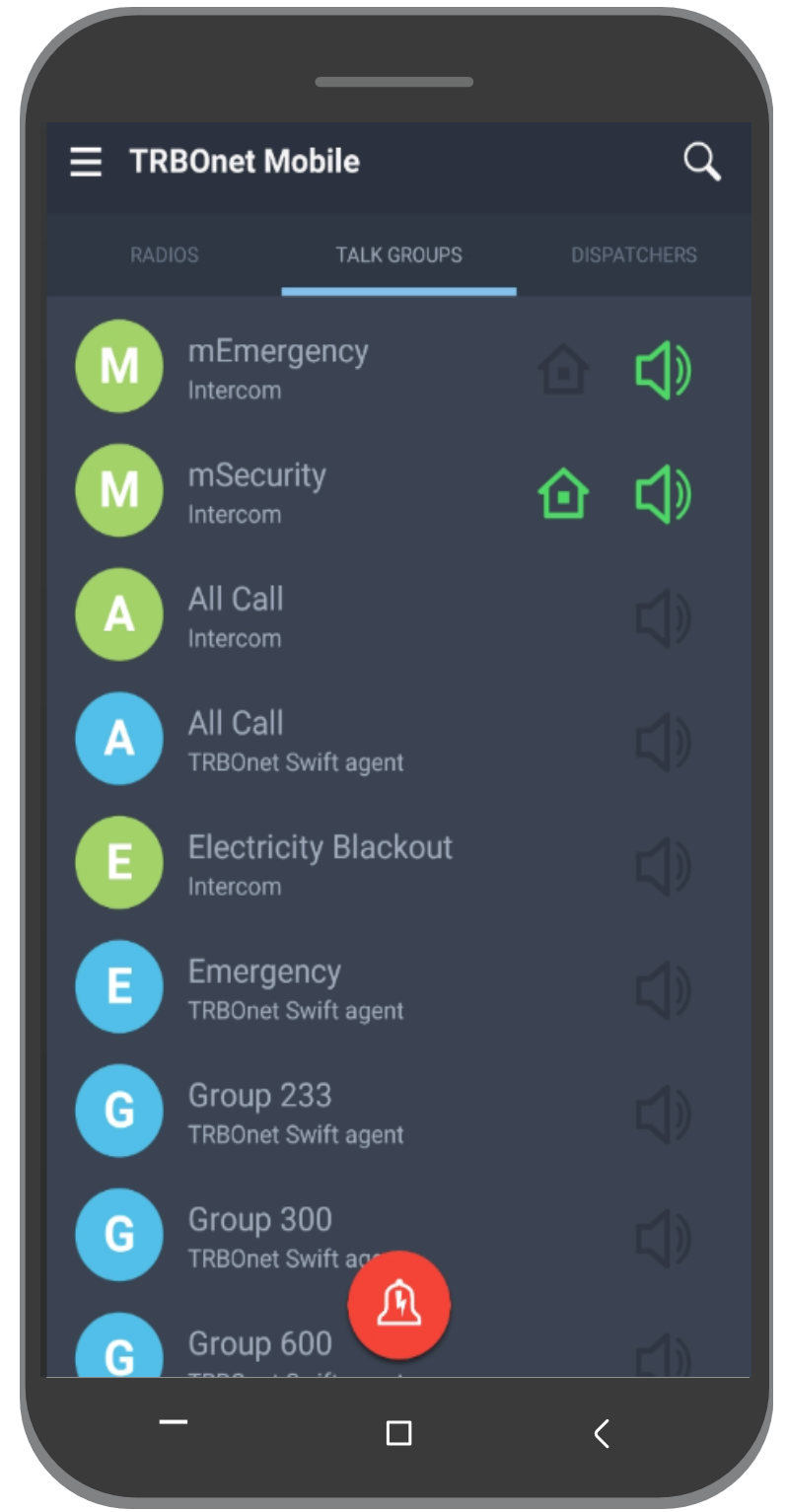
WHAT'S NEW

SAFETY FEATURES

- Man Down Detection
 - Support for vertical and horizontal orientation
- No Movement
- Shake Detection
 - Different levels of sensitivity
 - Configurable pre-alarm notifications

NIGHT MODE

SEND FILES TO MULTIPLE USERS

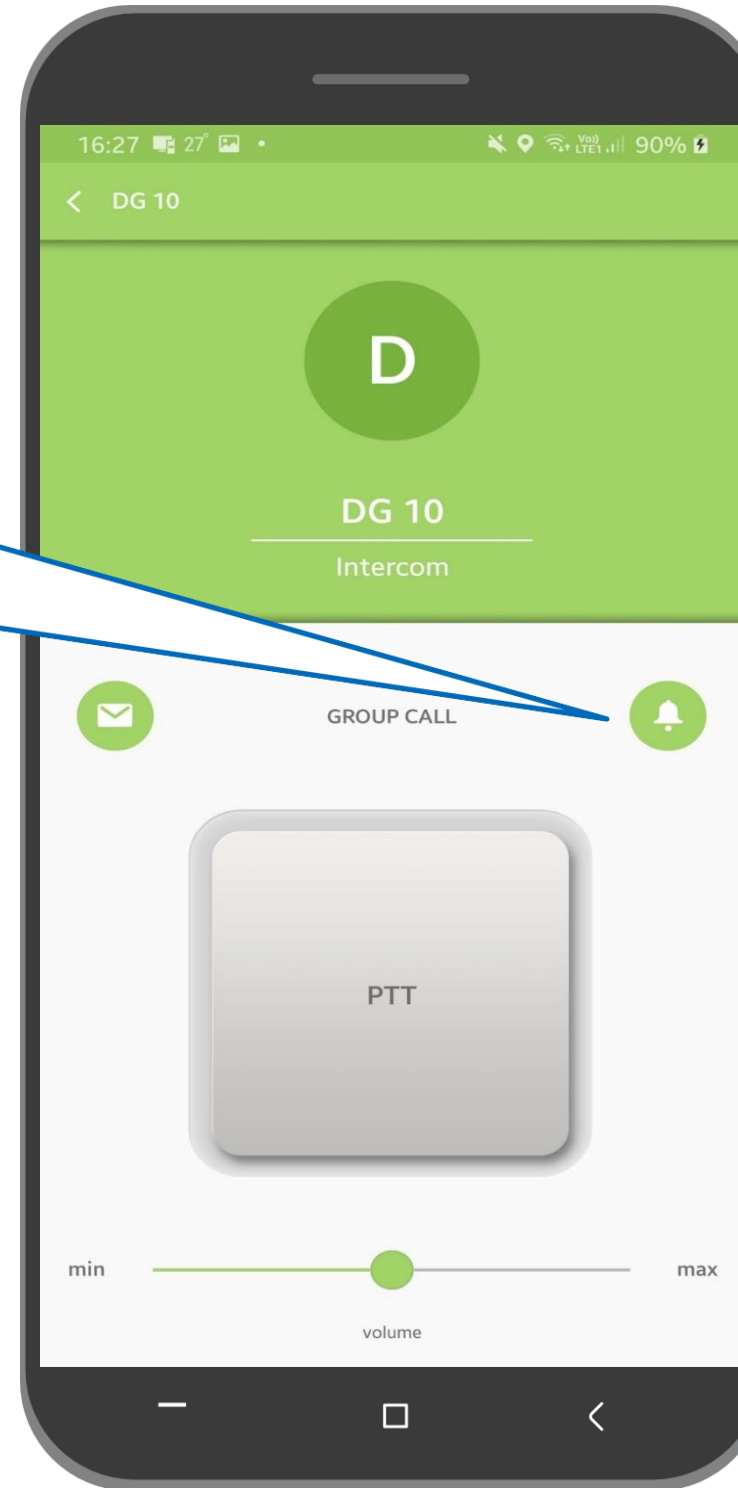


PTT Mobile Client /

OTHER FEATURES

RTT Button

RTT alerts can be sent to dispatchers or dispatcher groups



Battery Level

MyPhone

PTT over Cellular

Battery: 61%

GPS: 27/06/2020 19:58:34

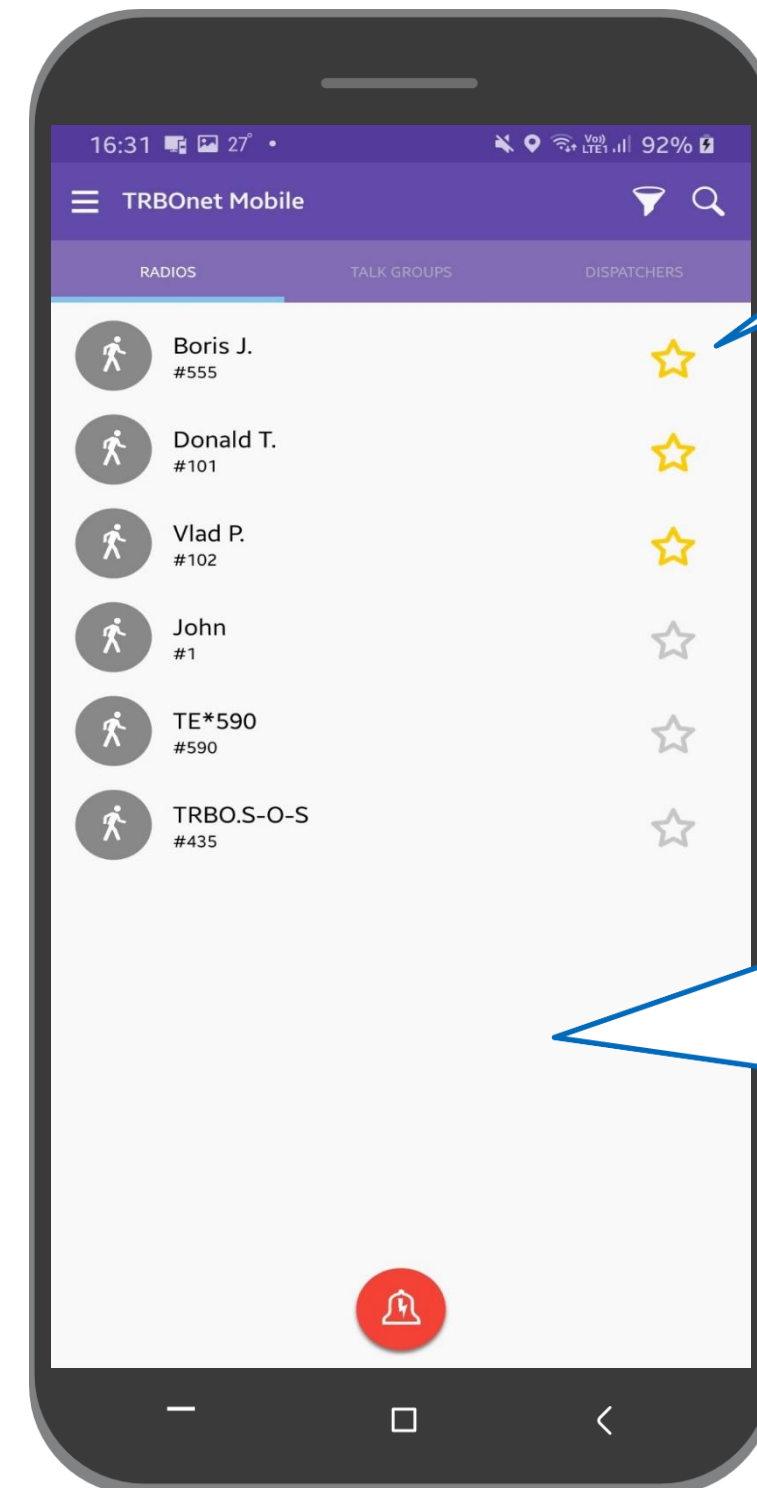
Speed: 3.0 km/h

Altitude: Unknown

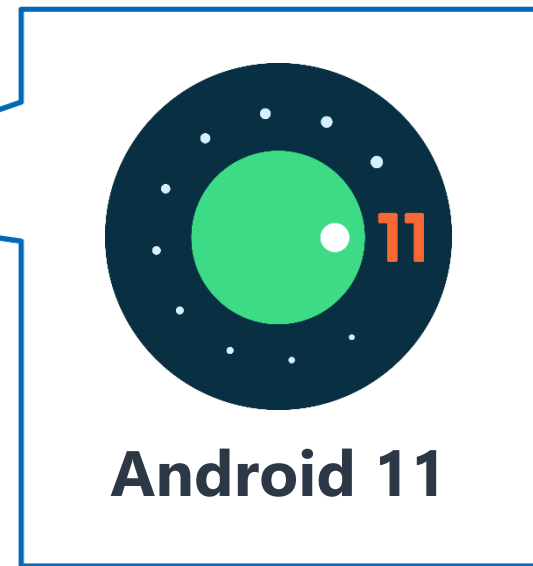
Region: No

Latitude: 59°51'34.83" N

Longitude: 30°24'50.93" N

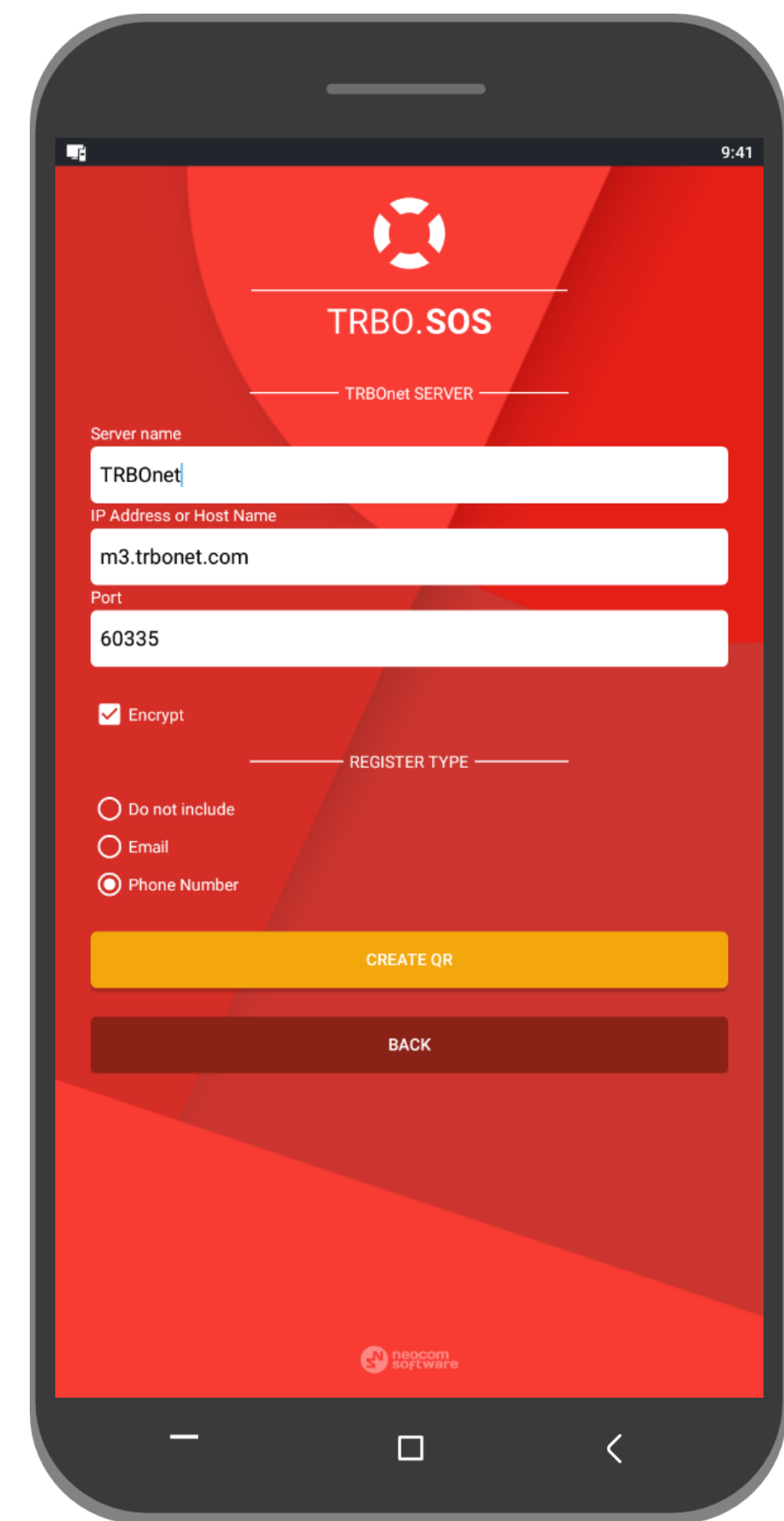
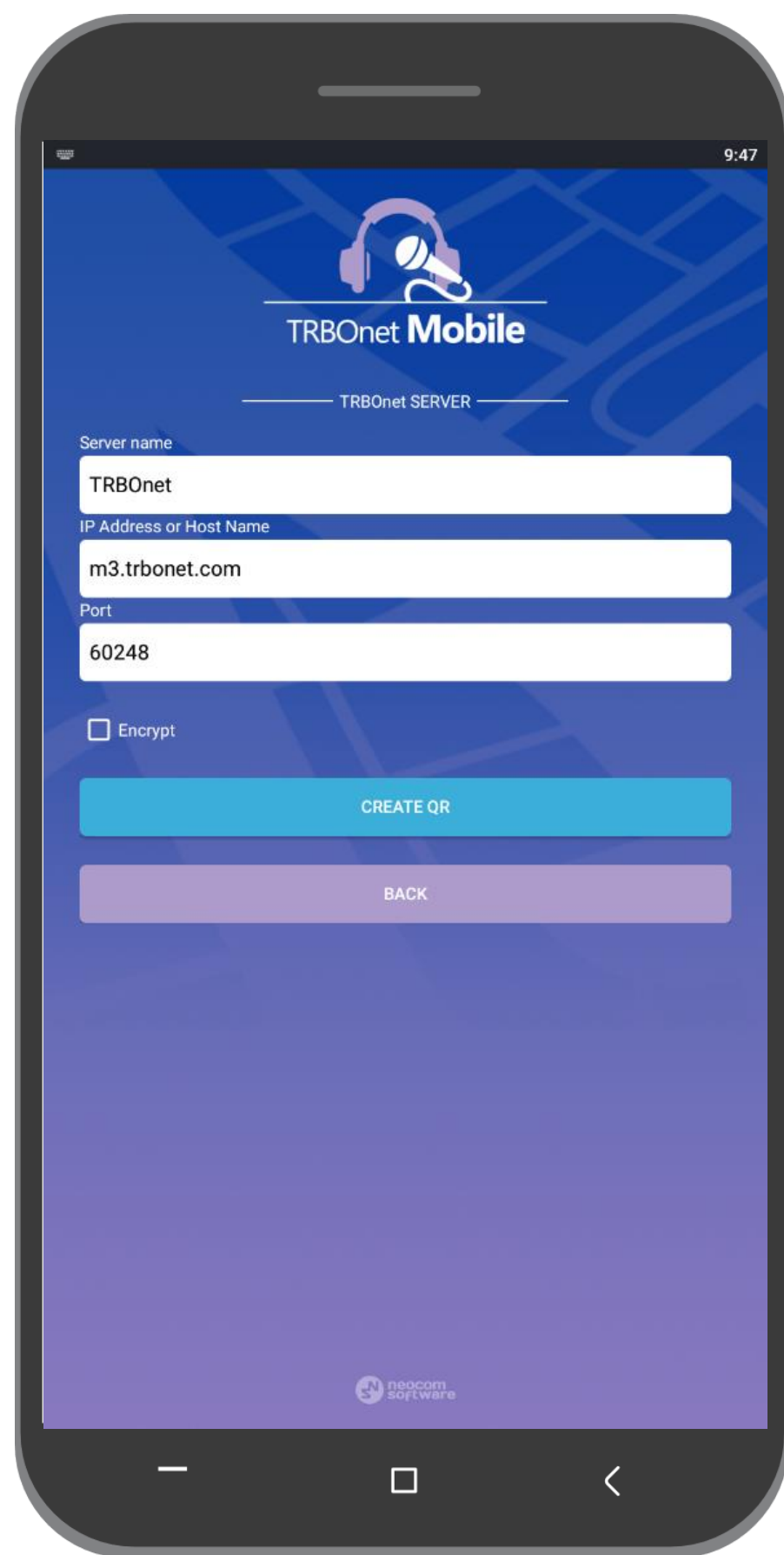


Favourites



QR CODE GENERATOR

- Android devices
- Fast connection setup
- PTT Mobile Client and TRBO.SOS
- Server name, IP address and port
- Confirmation channel (TRBO.SOS)





TRBONET
Dispatch Systems

www.TRBOnet.com

THANK YOU!

MAKE THE MOST OF YOUR RADIO NETWORK