

1 

Oct 2020

RADIOTRADE WEBINAR TRBONET UPDATES

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TRBONET
Dispatch Systems

MAKE THE MOST OF YOUR RADIO NETWORK

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



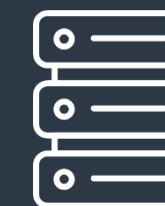
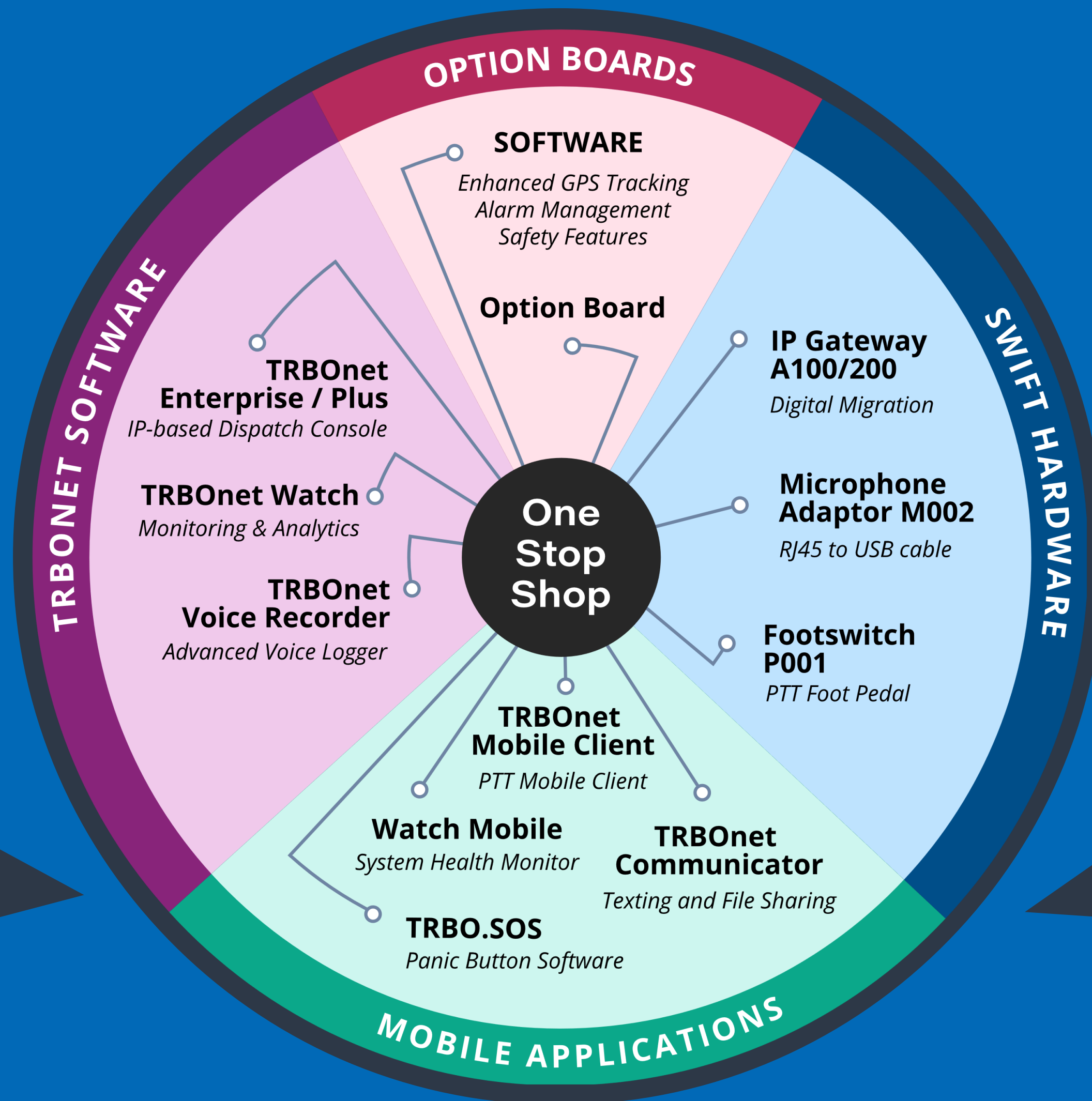
TRBONET
Dispatch Systems



**Award-winning IP
Dispatch System**



**Instant PTT from
anywhere**



**Digital migration
and remote control
room solutions**



**Effective and
efficient Alarm
Management**

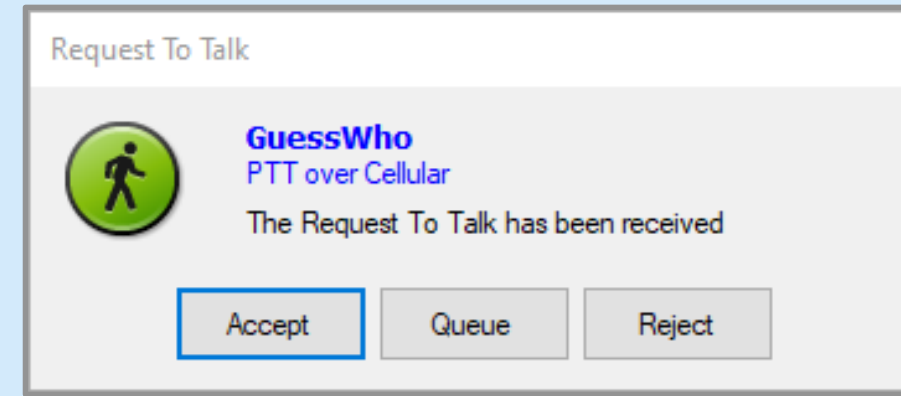
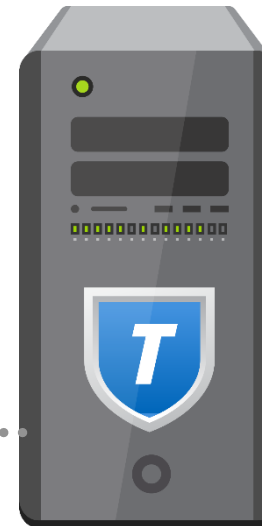
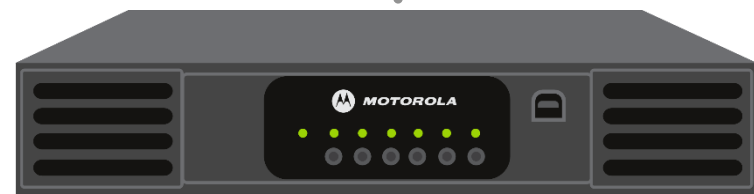
TRBONET ENTERPRISE | PLUS

REQUEST TO TALK [RTT]

RTT: WHAT IS IT?

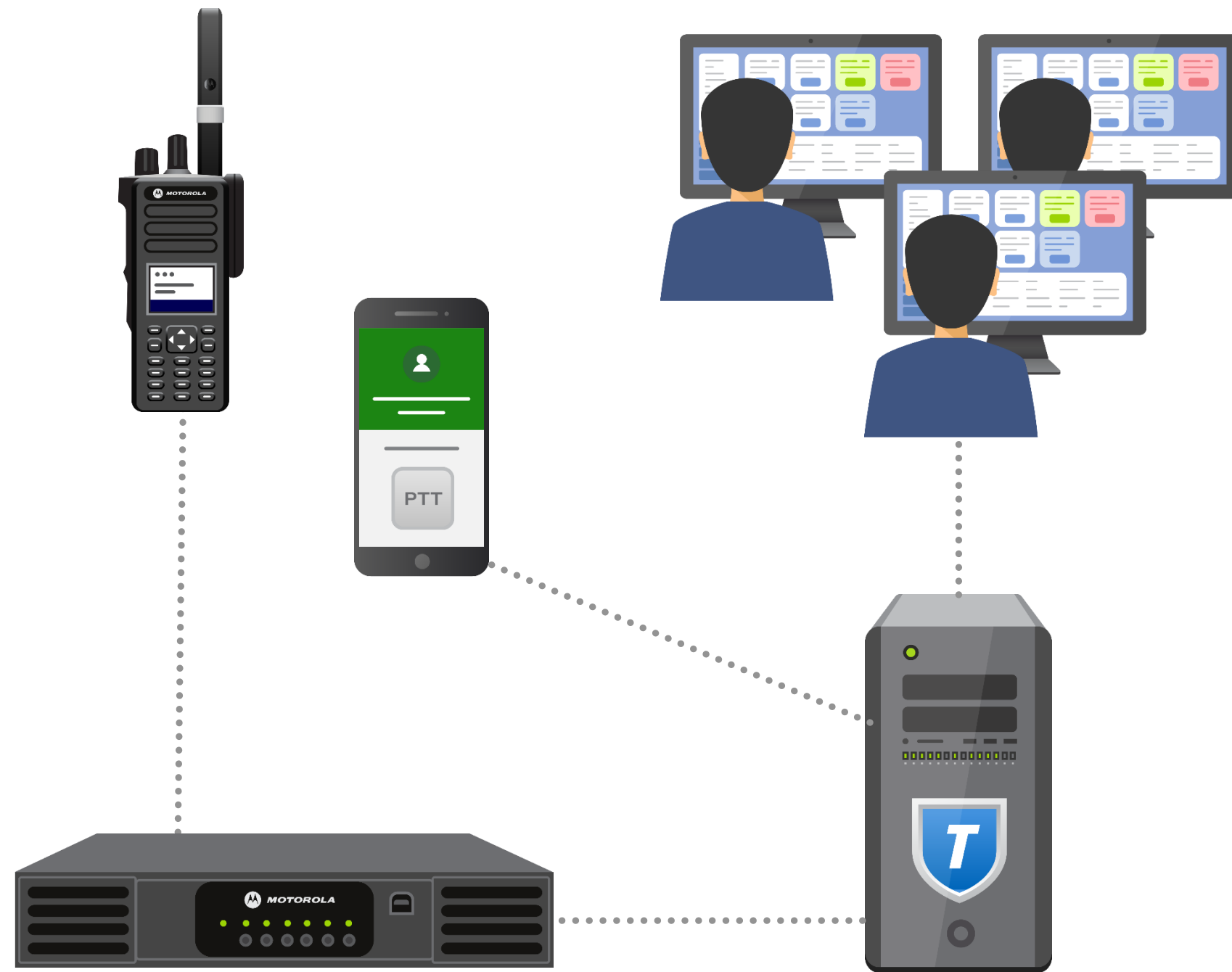


- Call Alert
- Text Message
- DTMF
- Telemetry
- Status Message



- 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

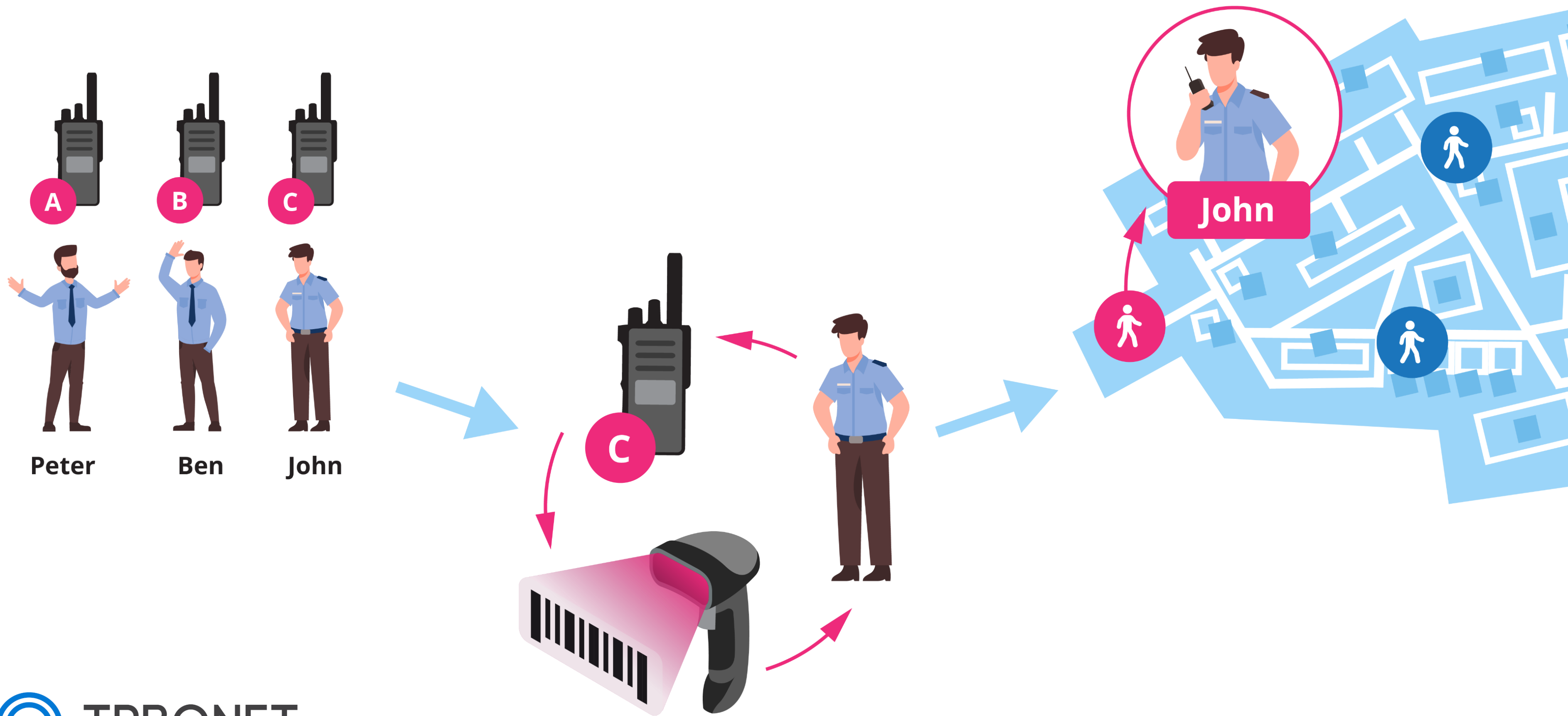


- Configured per server **NEW**
- Can be sent to a dispatcher, a dispatcher group or all dispatchers **NEW**
- Synced between dispatchers **NEW**
- RTT status is updated after logon **NEW**
- RTT reports for response time evaluation **NEW**
- RTTs can be seen and managed in the Notifications panel [TRBOnet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

TRBONET 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 ONE

NEW WIDGETS

TRBONET ALL-IN-ONE 5.6

Build Your Own Console

PTT Boxes

IP Camera

Telemetry
Console

Voice
Recording



TRBOnet One

<

Voice Dispatch (Classic)

Voice Recording

WHAT'S NEW?

Workspace

WHAT'S NEW?

SCADA Box

Location Tracking (Classic)

Voice Di

>

20:44

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

<<

>>

Tower A

Tower B

Tower C

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

DEDICATED LINES

Emergency

ATC

INDIVIDUAL CALL BUTTONS

Boris J.

Vlad P.

Donald T.

NOTIFICATIONS

Notifications 2 0 1 Clear All

MyPhone

Emergency Call

PTT

MyPhone

GPS: 28 Jun 2020 20:43

MyPhone

Request To Talk 0:02:28

PTT

TRBO.S-O-S

Emergency

PTT

TRBO.S-O-S

Unit is offline

GPS: 28 Jun 2020 20:43

PDF VIEWER

Attachments

Page Thumbnails

TRBOnet Enterprise 5.5

What's new?

TRBO

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Androi

person

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Design

situati

TRBO.S

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distres

inform

locatio

TRBO.SOS

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

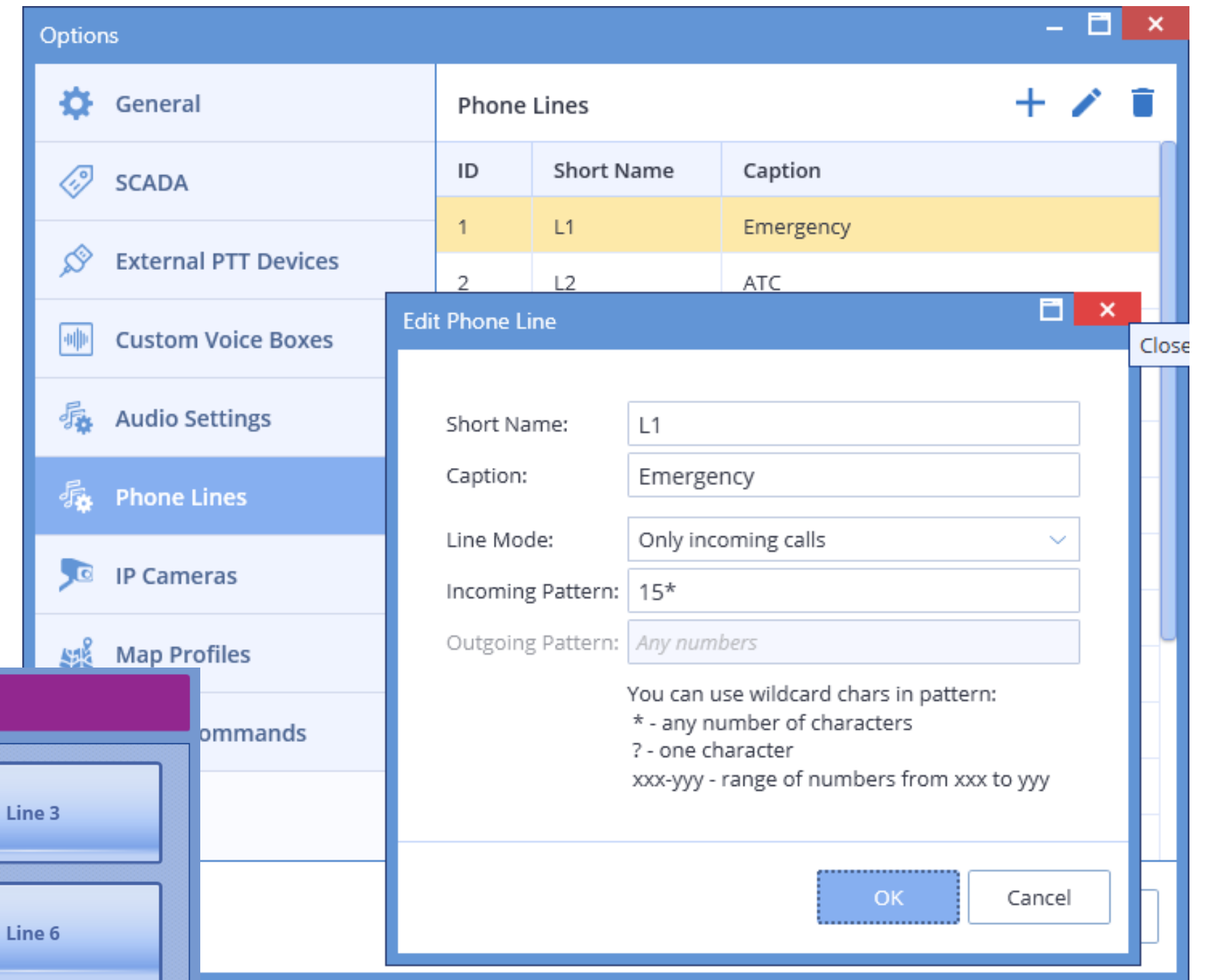
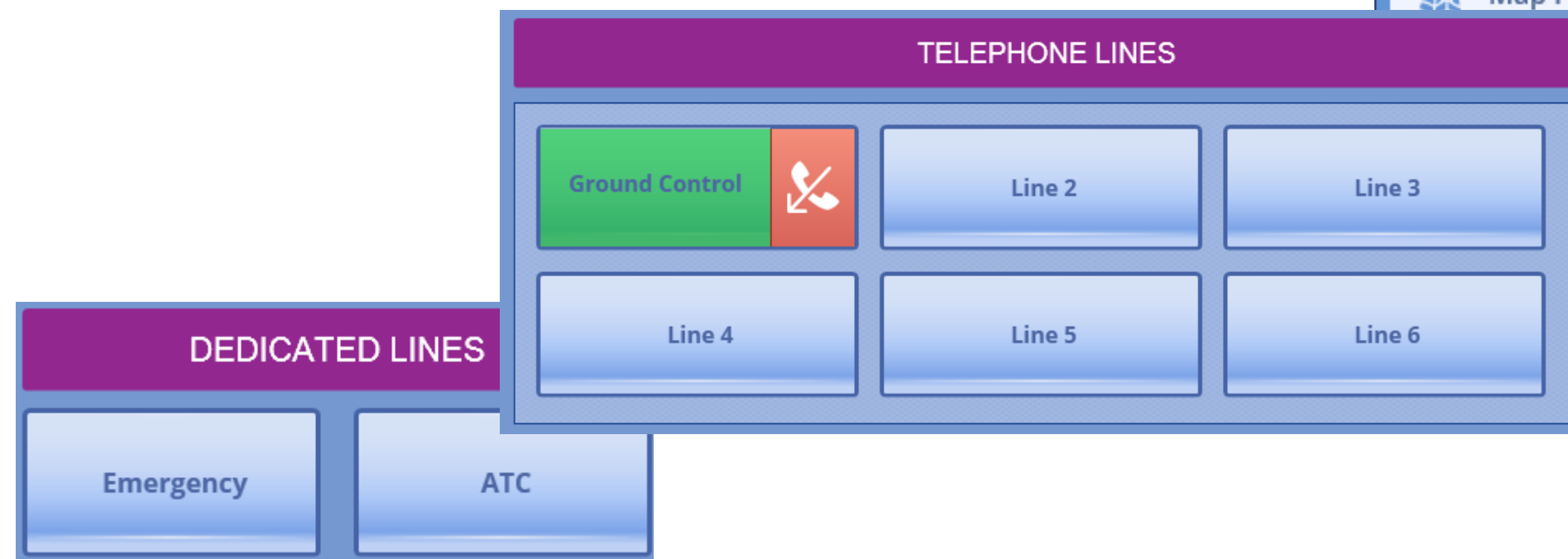
The UI includes a Phone Call button. You can add an emerge that a simple press of the Phone Call button will dial this nur application also includes a feature that allows you to quickly dispatcher. TRBO.SOS includes other advanced personal safe Lone Worker and No Movement. The application supports S 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

Administrator

Tasks(0) Version: 5.6.0.4031

TELEPHONE LINES

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



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 image displays two screenshots from the TRBONET Administration Tool. The left screenshot shows the 'SPEED DIAL BUTTONS' interface, which is a grid of buttons for quick access to various contacts. The right screenshot shows the 'Administration Tool' window with the 'Telephony' tab selected, displaying a table of user extensions and their associated logical groups.

SPEED DIAL BUTTONS

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

Page 1 of 2

Tower A
Tower B
Tower C

Administration Tool

Administration

- Server
 - License
 - Database
 - Radio Systems
 - System Bridge
 - Telephony
 - Tasks
 - Custom Fields
 - Modbus TCP Connections
 - Virtual Modbus Devices
 - IP Cameras
 - Public Announcements
 - Event/Alarm Management
 - Telemetry
 - Radio Groups Telemetry
 - Text Messages
 - Group Text Messages
 - Communicator
 - Request To Talk
 - Radio Statuses
 - Group Radio Statuses
 - Location Profile
 - Location Profile #1
 - Location Profile #2
 - Location Profile #3
 - Location Profile #4
 - Mobile Client Profile (TRBOnet Mobile)
 - Mobile Client Profile (TRBOSOS)
 - TRBOnet SOS #1

Telephony

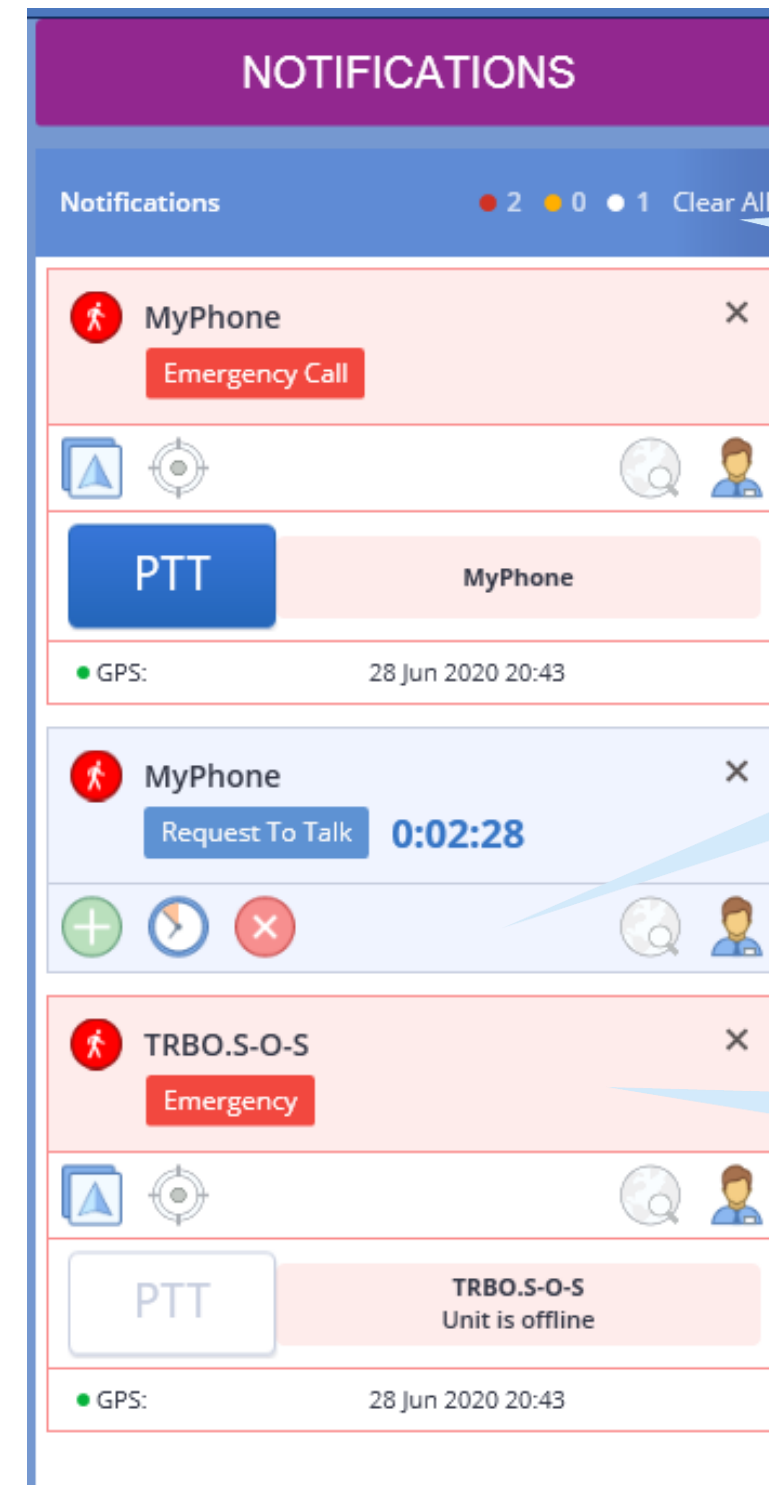
User Ext...	User Name	Logical Groups
105	Eugene	Tower A, Tower C
118	Ground Service	Tower A, Tower B, Tower C
134	Runway	Tower A, Tower B
135	Ground Control	Tower A
159	ATC 2	Tower A
1601	Gate 1	Tower A, Tower B
1602	Gate 2	Tower A, Tower B
1603	Gate 3	Tower A, Tower B
1604	Gate 4	Tower A, Tower B
1605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

Record 13 of 13

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

Download Print Open in new window Previous Next 1 / 3 Zoom in Zoom out Search List



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 features 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 a 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, No 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 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 the alert to the dispatcher. The same panic button can detect the Man Down event.

Full-featured PDF Viewer

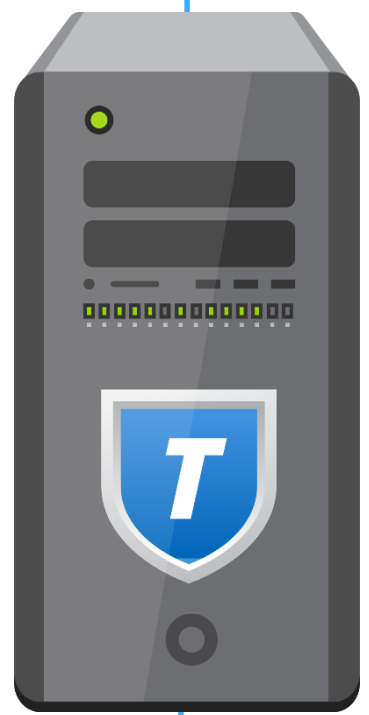
LICENSING



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

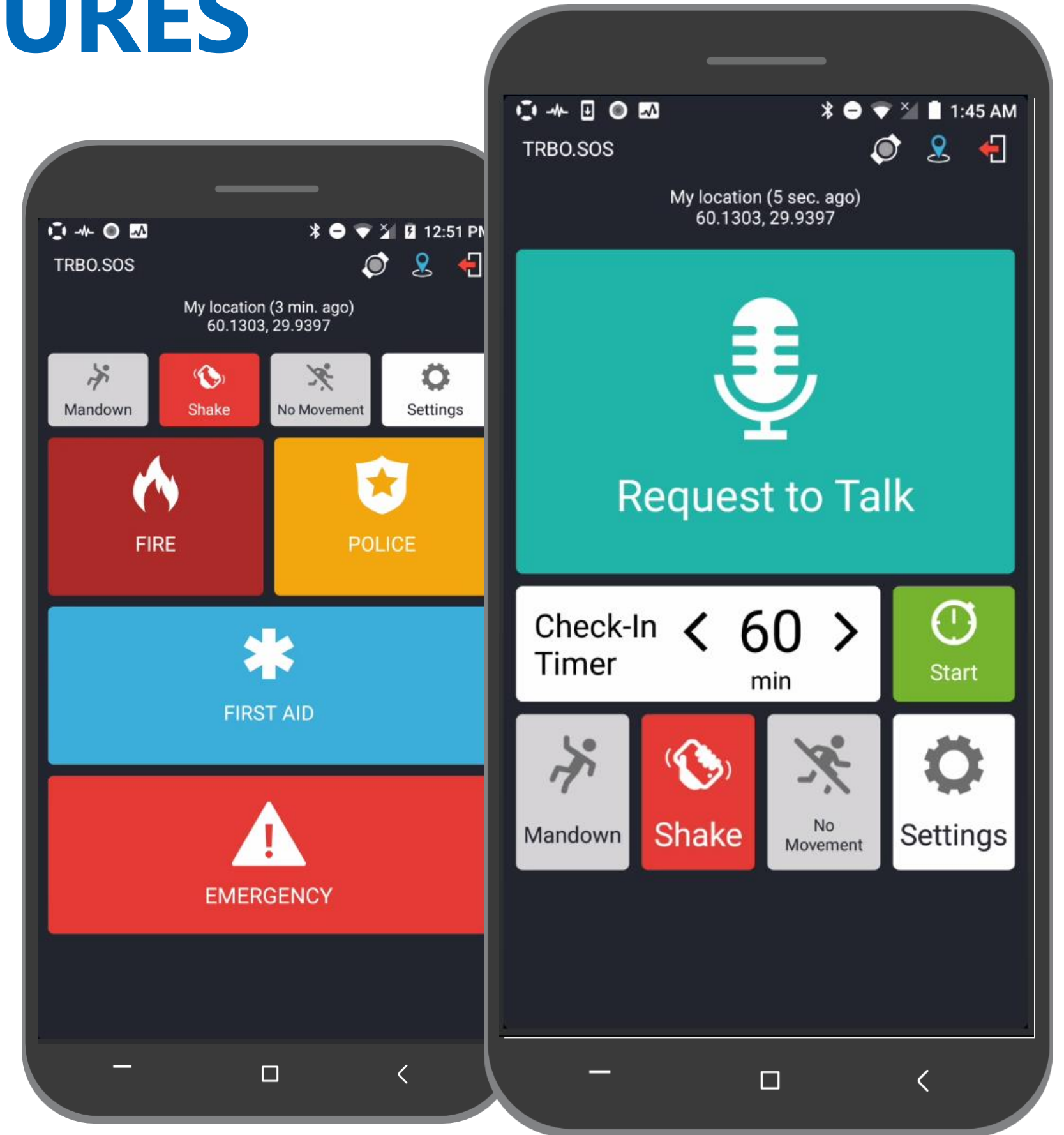
TRBO.SOS

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

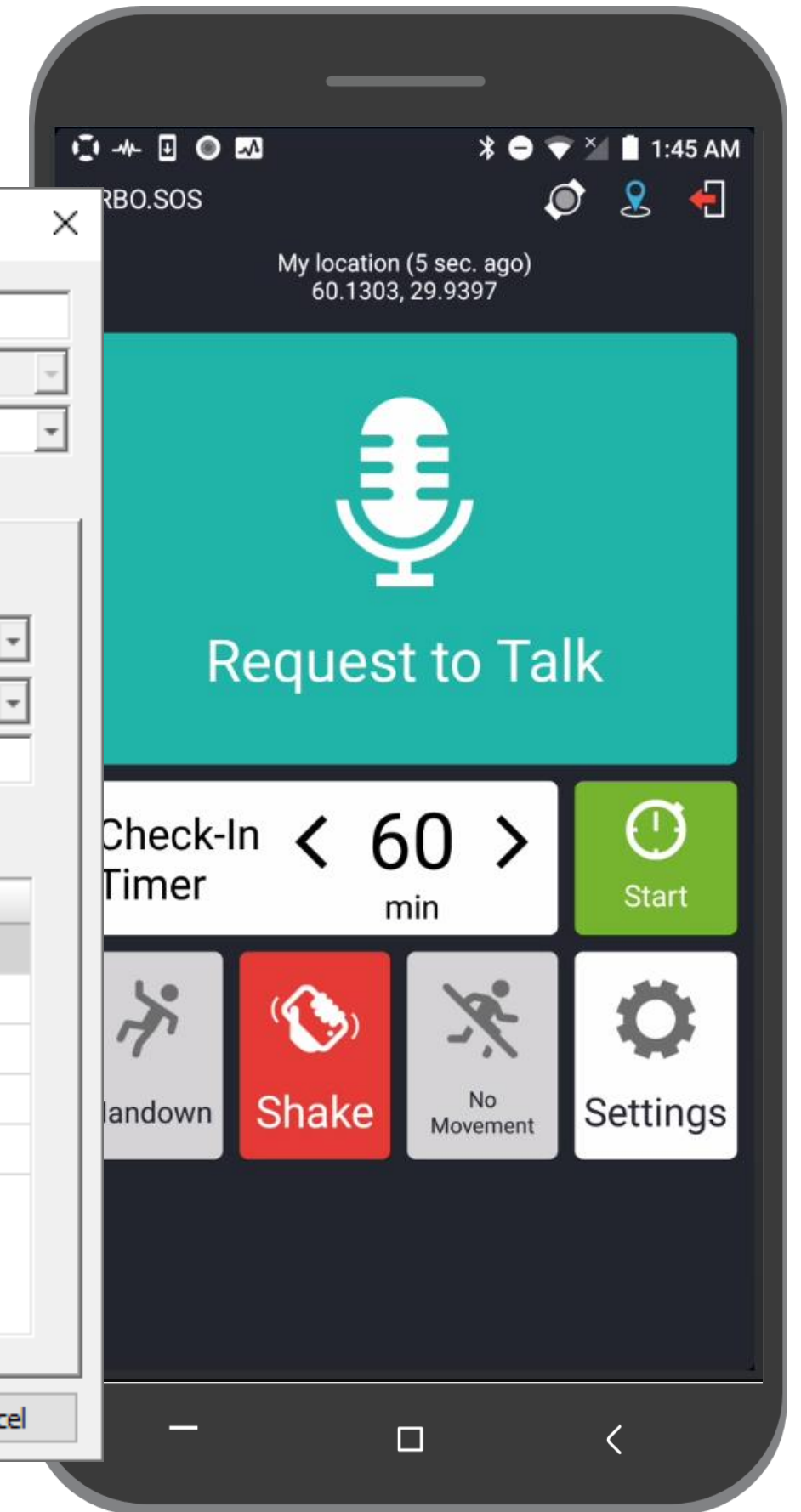
Call Target: Home Group

Call button Name: Client default

☒ Show Lone Worker button

	Type	Caption	Severity	Custom Event
☒	FIRE	Client default	Alarm	1
☒	POLICE	Client default	Alarm	2
☒	AID	Client default	Alarm	3
☒	REPORT INCIDENT	Client default		
☒	EMERGENCY	Client default	Alarm	4

Defaults OK Cancel



EMERGENCY MODE



TRBO.S-O-S

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

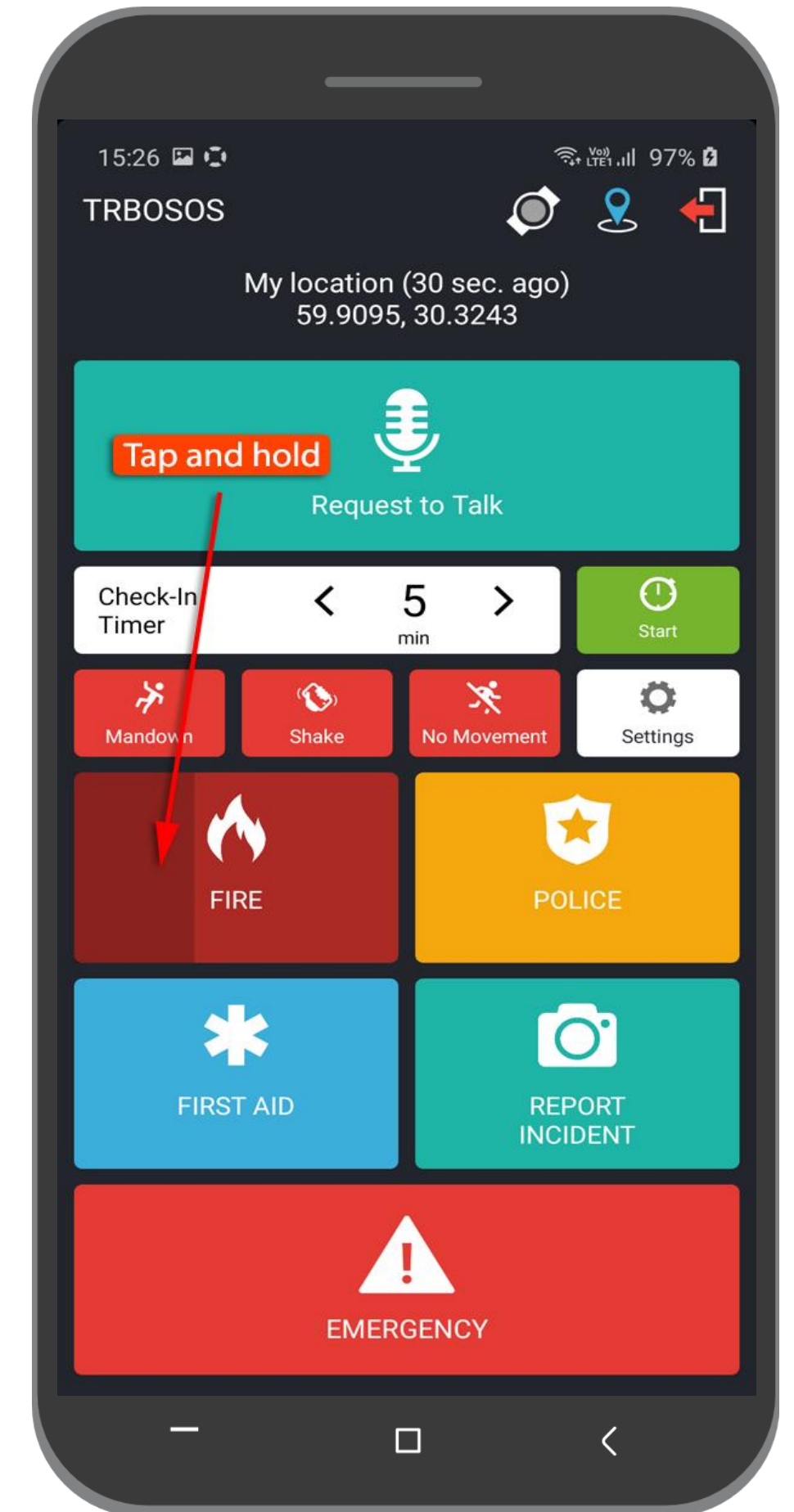


TRBO.S-O-S

When the software generates an emergency alert:

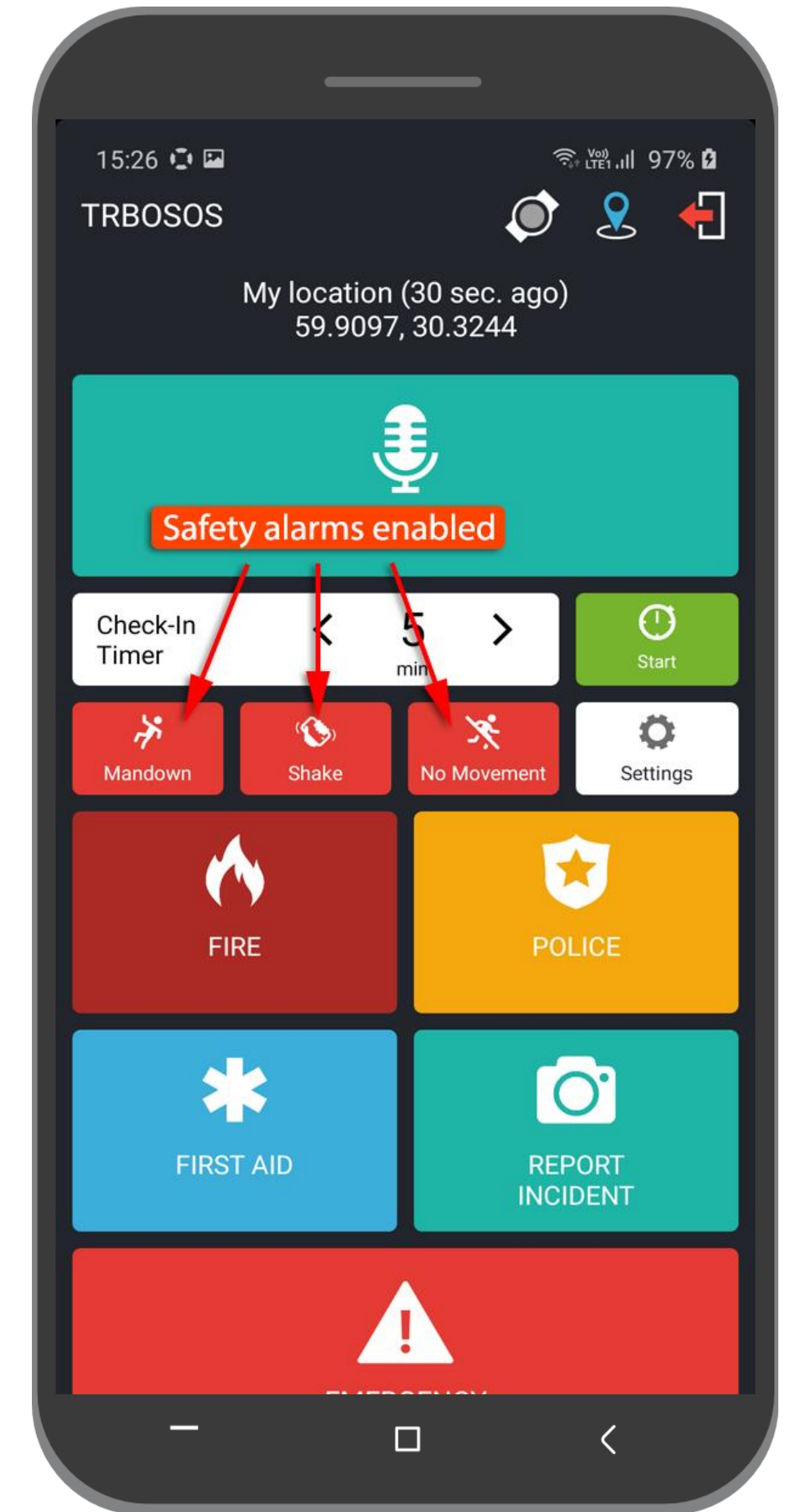
- The unit goes online
- TRBO.SOS starts reporting its location according to the configuration
- Dispatcher can use Remote Monitor if activated

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



SAFETY FEATURES

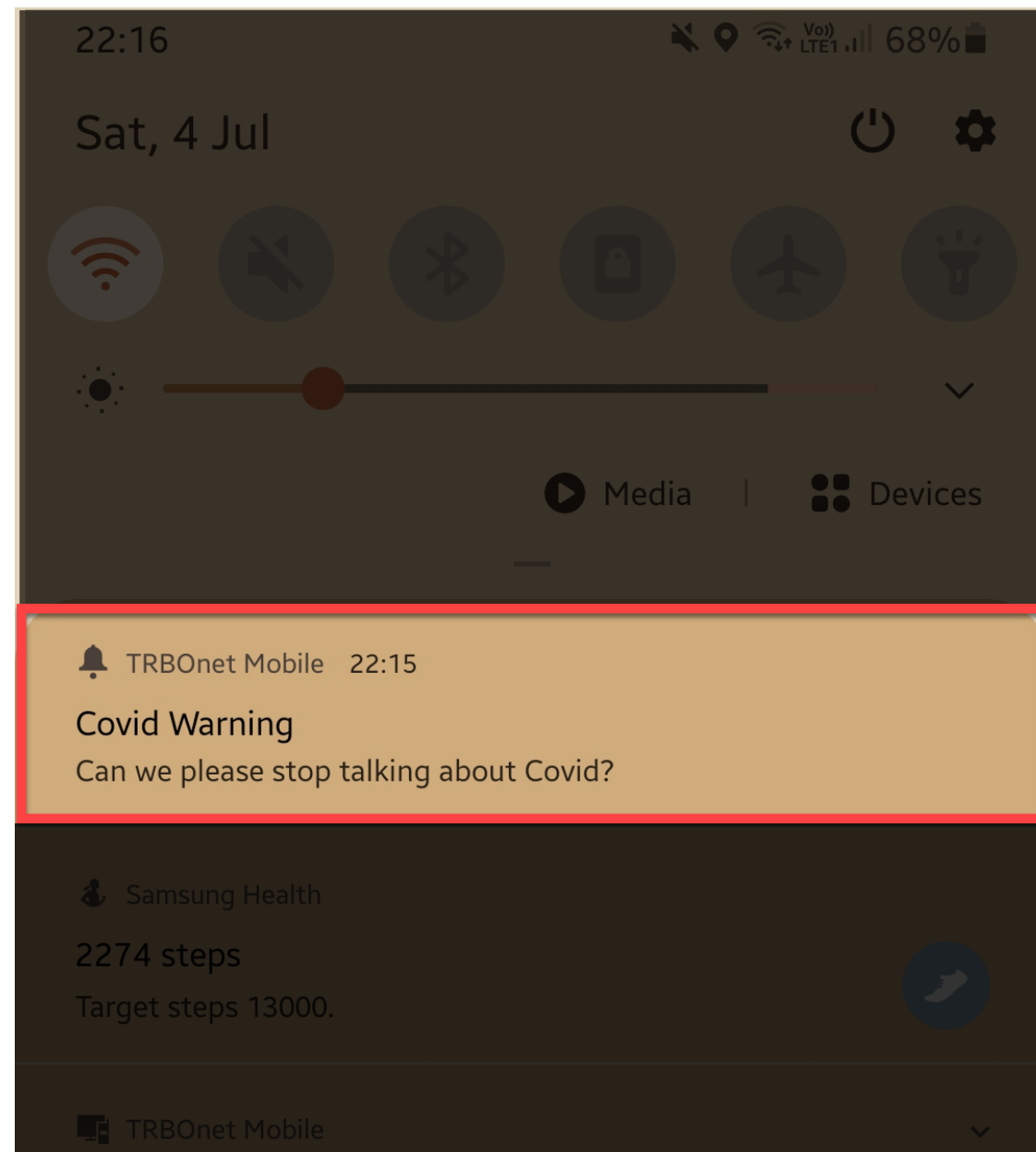
- Man Down: select device orientation
- No Movement
- Shake Detection: adjustable sensitivity
- Lone Worker: select duration
- V.ALRT wearables
 - Connects to the smartphone over Bluetooth
 - Man Down detection
 - The button can be used for alarm notification



OTHER FEATURES

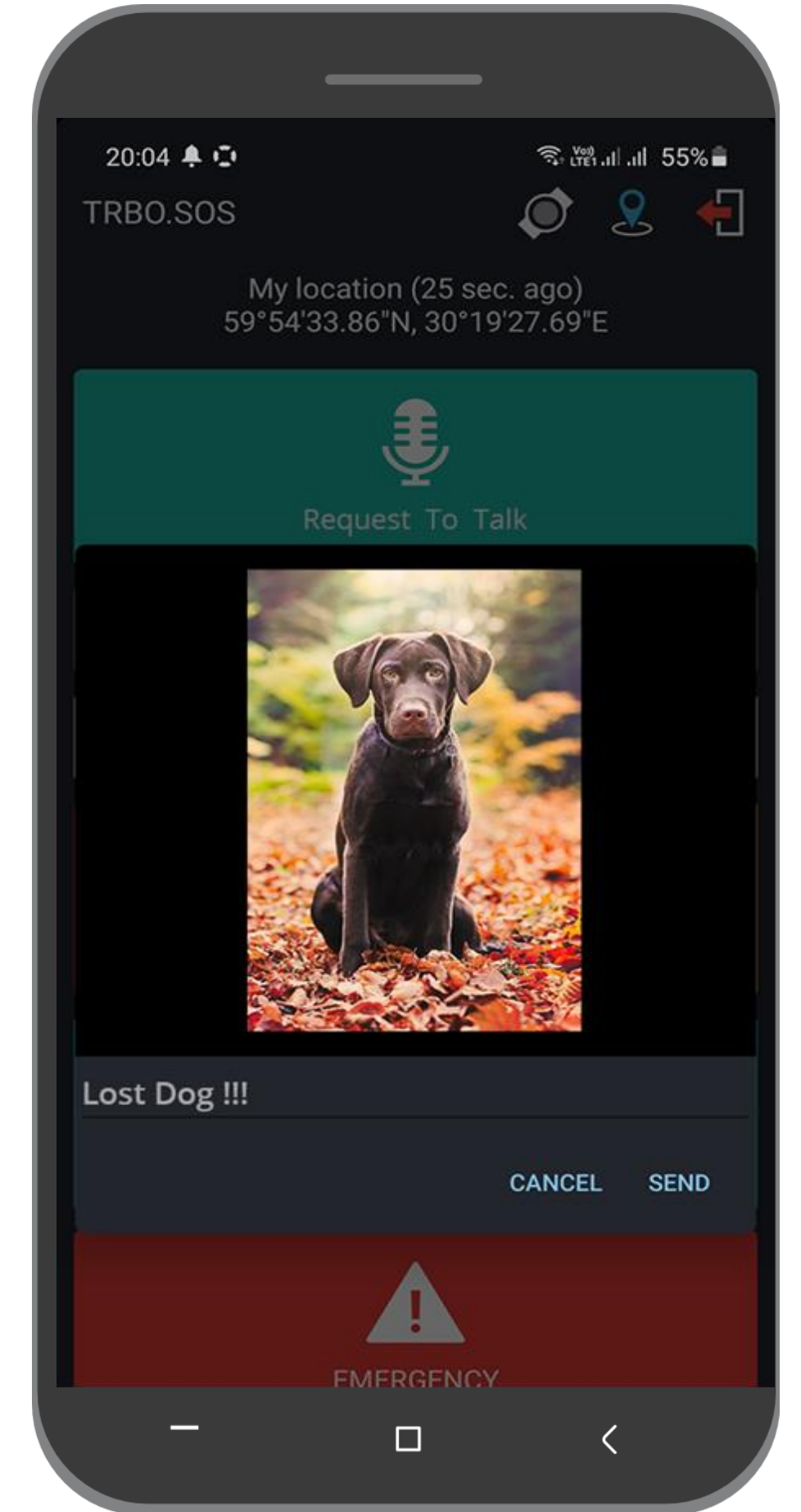
Incident Reporting

- 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



PTT MOBILE CLIENT

NEW FEATURES

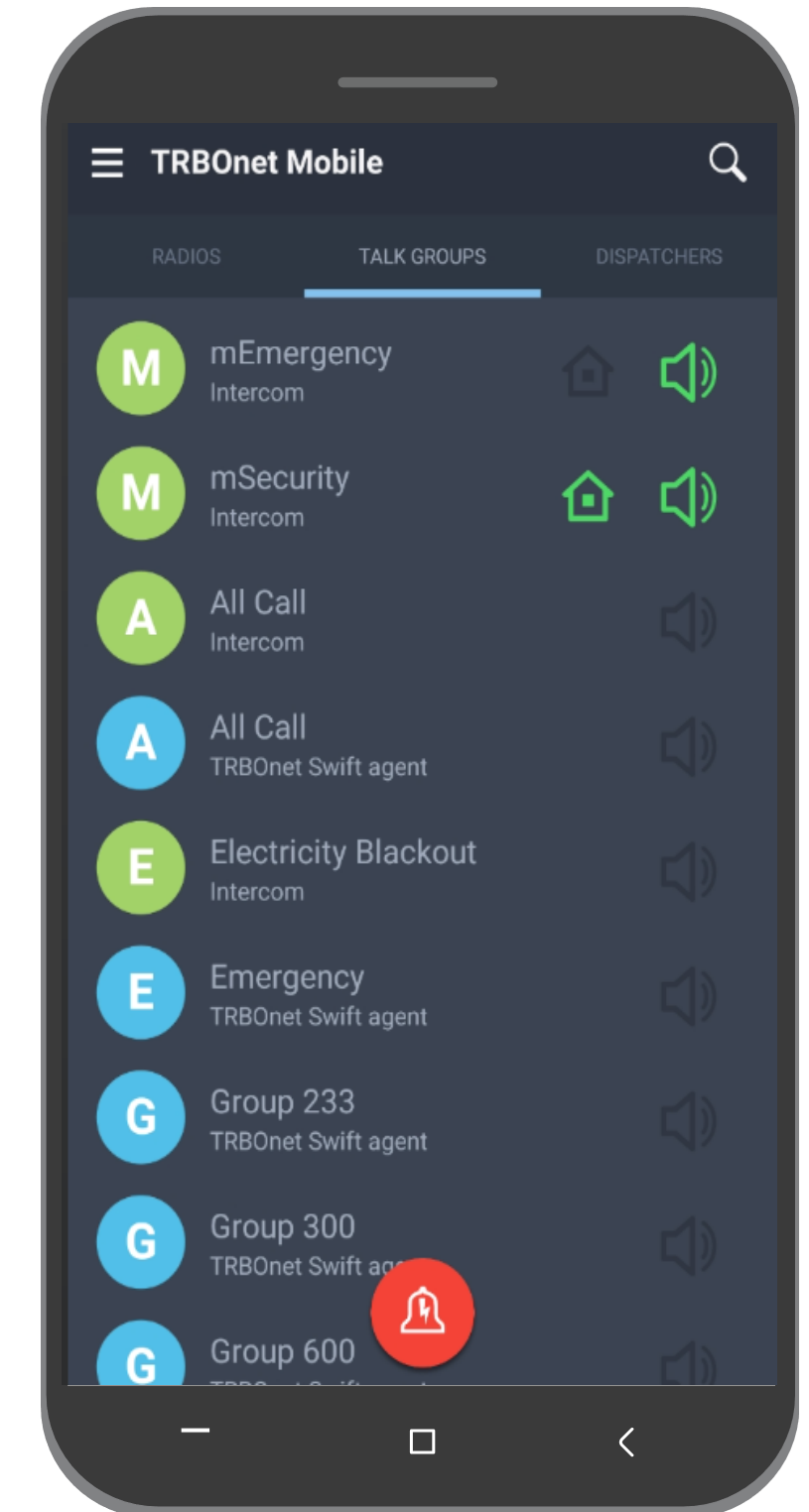
WHAT'S NEW

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

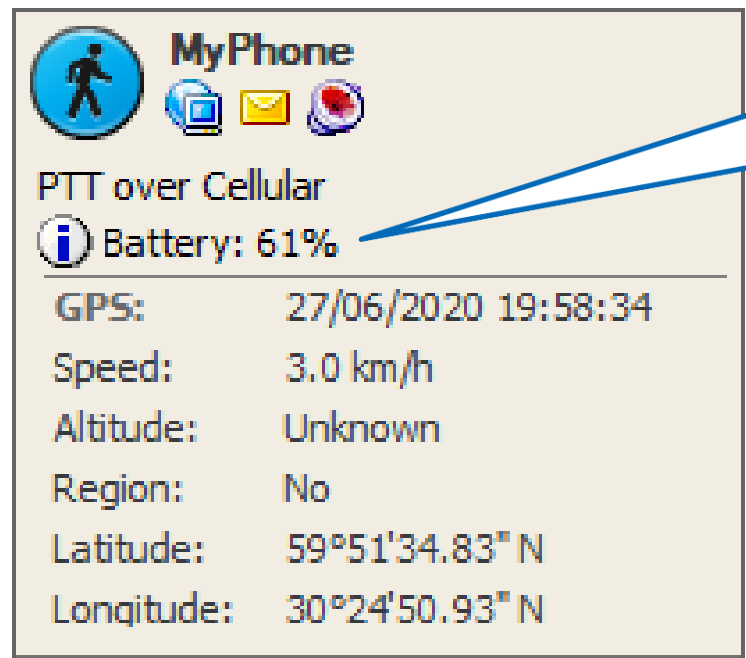
SEND FILES TO MULTIPLE USERS



OTHER FEATURES

RTT Button

RTT alerts can be sent to dispatchers or dispatcher groups



MyPhone

PTT over Cellular

Battery: 61%

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

Speed: 3.0 km/h

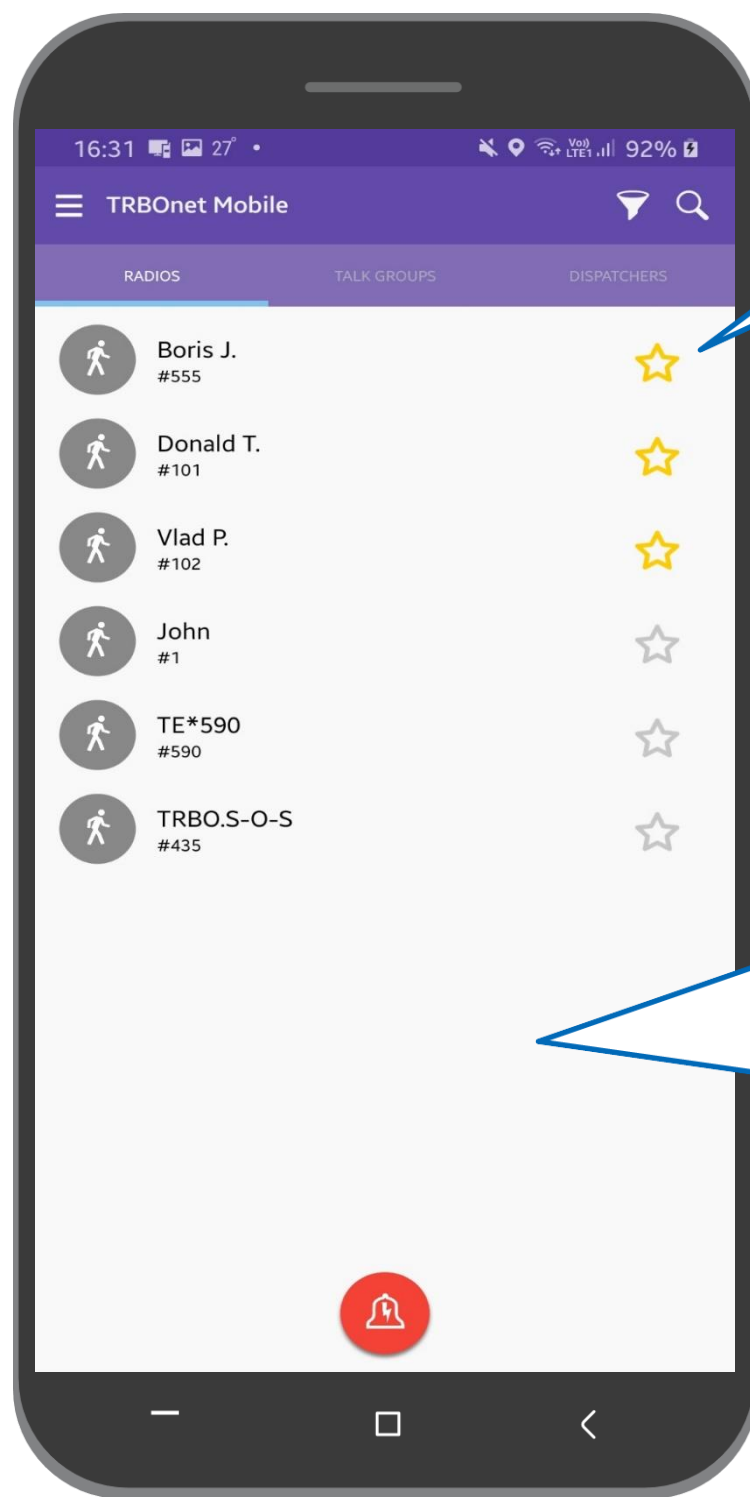
Altitude: Unknown

Region: No

Latitude: 59°51'34.83" N

Longitude: 30°24'50.93" N

Battery Level



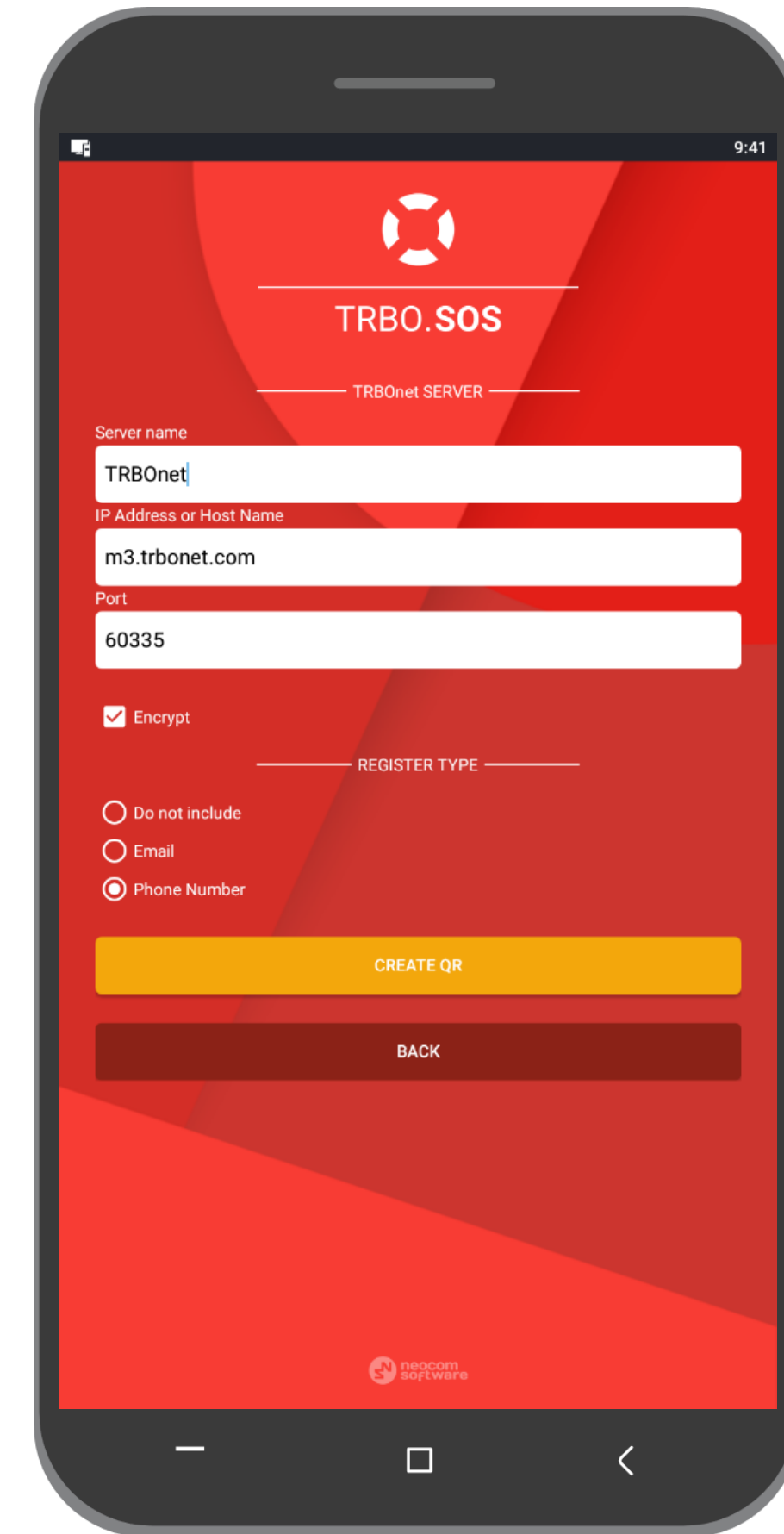
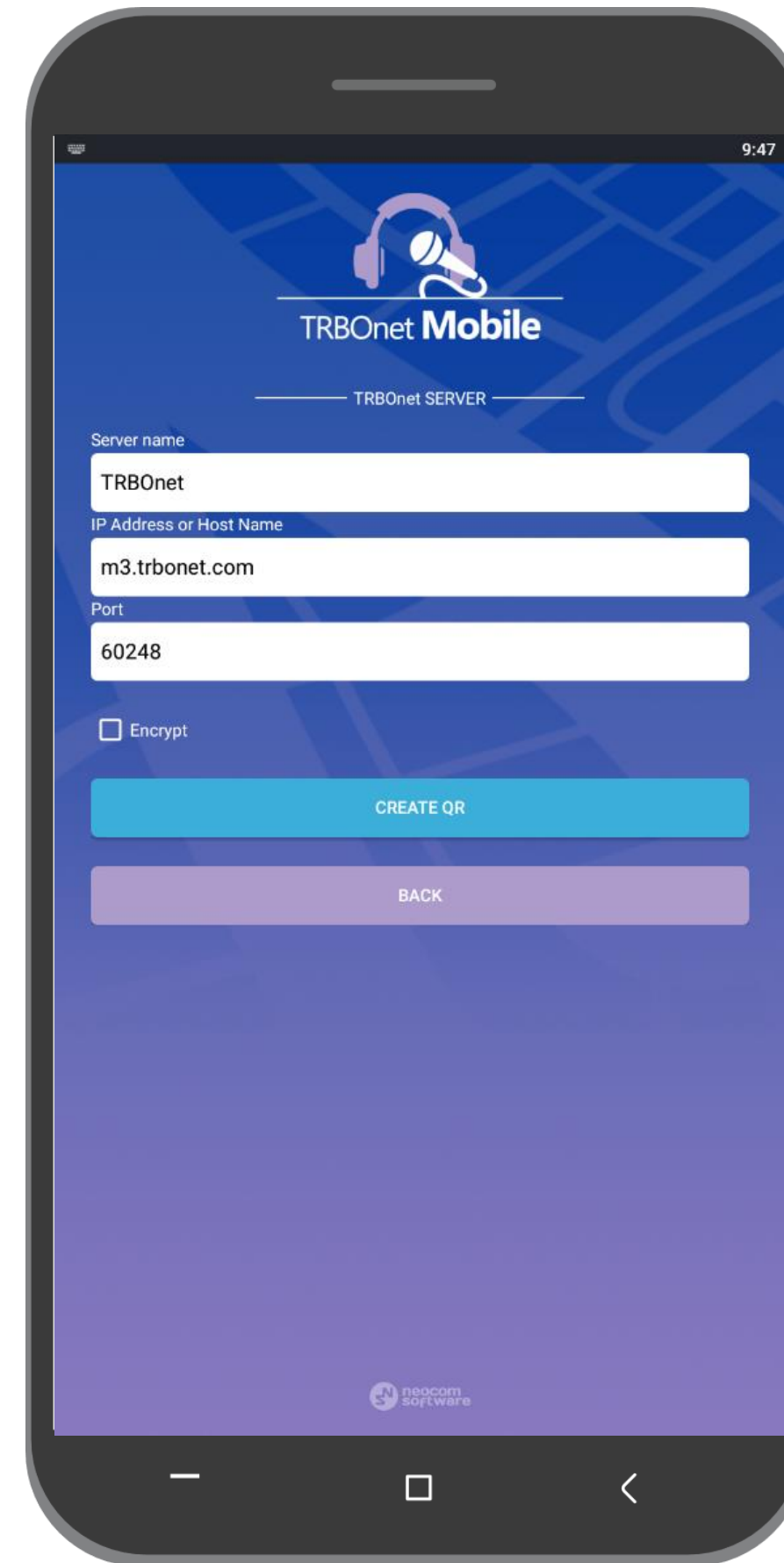
Favourites



Android 11

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