POWERED BY

iTALKPTT

WORLDWIDE COMMUNICATIONS

THE ALL-IN-ONE SOLUTION

www.italkptt.com

WHY iTALKPTT?

PTT technology is ideally suited to organizations that need to communicate cost-effectively with their personnel in the field or on the road.

Offering the advantages of traditional two-way radio systems at the press of a button, our features include individual, group and broadcast calling, with the added advantage of reliable digital voice clarity and hard-wearing terminals.

Our team of in-house software developers customize solutions to meet the specific needs of our end users.

We are totally independent of foreign platforms and their potential security risks. We have multiple backup servers within South Africa and abroad, and our South African-developed software is now used in many countries worldwide.

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HOW DOES PUSH-TO-TALK (PTT) WORK?

PTT switches a cellular device from full duplex mode, which is a mode where both parties can hear each other simultaneously, to half duplex mode, where only one party can speak whilst the other party listens. The party which pushed the PTT button has the floor until the PTT button is released.

The operation of the phone, when used in PTT mode, is very similar to two way communication achieved with “walkie-talkies” or other radios.

The other main difference between a normal cellular call and a PTT call is that users connect quickly due to the one-on-one relationship that gets configured by the service provider. Multiple parties could, however, be included in a conversation – similar to professional radio usage.

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THE iTALKPTT EVOLUTION

The all-in-one solution

COMMUNICATE WITH MULTIPLE PEOPLE FROM ANYWHERE AT THE PRESS OF A BUTTON

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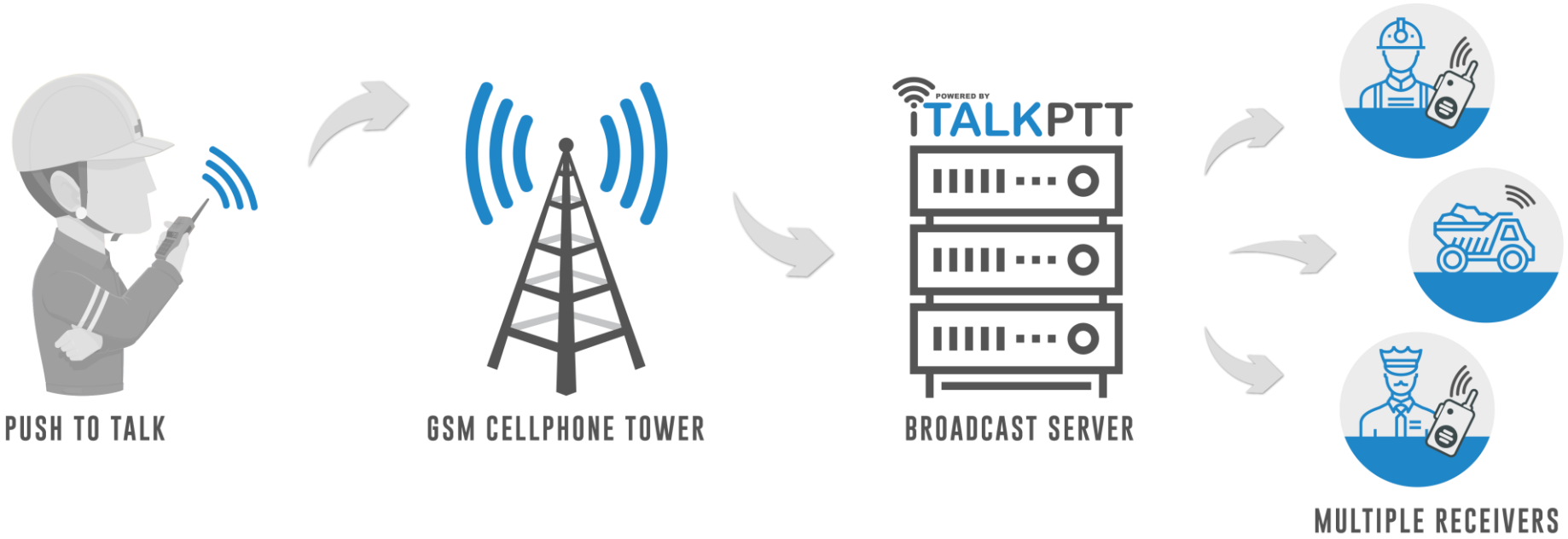
THE iTALKPTT SOLUTION



On-premise and cloud-based servers

WITH BOTH LOCAL AND OFFSHORE DR AND BACKUP OPTIONS

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iTALKPTT SERVERS

On-premise and cloud-based servers

WITH BOTH LOCAL AND OFFSHORE DR AND BACKUP OPTIONS

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iTALK PRODUCTS

PRODUCT FEATURES:

- Global PTT Service
- 4G / 3G / GSM (GPRS) / WiFi Transmission
- NFC (optional) / Bluetooth
- GPS
- Remote Programming over the Air via Public Radio Network
- Remain User Operation Habits of Critical Communication
- Emergency / Panic Button
- Kill / stun / revive, radio monitor, ambience listening and roaming
- Monitoring / recording software and unique guard patrolling system
- IP65 Protection Design (Splash Proof)

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iTALKPTT BENEFITS

KEY FEATURES:

- Web Based Login
- Local support with customized solutions
- GPS Positioning
- Online / Offline indicator
- Voice Recording
- Individual Calls
- Group Calls
- Emergency / Panic Button
- WiFi
- Battery Alert Indicator
- Compatibility with Conventional Two Way Radios
- Android App
- Online/offline duty / Time Attendance
- 24-HR Call Centre Support
- Android/IOS App
- Listen in
- Text to Speech

30-DAY REPORTS INCLUDE:

- GPS Track history
- On / Off Duty / Time and Attendance
- Voice recording
- Drives and stops
- Mileage detail
- Overspeeds
- Geo-fence in/out
- Events
- Guarding Reports: detailed/comprehensive/summary
- Panics
- Online/offline status
- Online/offline history
- Battery status

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iTALK 9000: ACCESS CONTROL DEVICE *(Visitor identification)*

The iTALKPTT 9000 Barcode Scanning Terminal is a high quality hand-held data collection device.

Ideal for Estate Management-Offices-Complexes, combined with the iAccess app this is your complete Visitor Management solution!

FEATURES INCLUDE:

- High speed 4-core Android 7.0 system
- 5.0-inch HD screen
- Access Control
- Vehicle/Drivers License scanning
- Photos
- Panic Button
- 4G
- WiFi
- Bluetooth
- ID Scanning
- 2D Scanning
- PSAM
- NFC
- Camera
- GPS
- UHF
- Fingerprint
- ID Card
- 58mm Thermal Print
- Infrared

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iTALK BC7: BODY CAMERA / PTT DEVICE

The iTALKPTT BC7 Body Camera is a PTT HD recording device operating on an Android system.

FEATURES INCLUDE:

- 1920 x 1080 Full HD Recording
- 3 HD FF/zoom Cameras
- 3.5” HD IPS Touch Screen
- 2G/3G/4G
- Bluetooth/WiFi
- 5000 mAh Lithium Battery
- Live Video
- Voice Broadcast
- NFC (Guard Patrol)
- IP68 Waterproof
- Dual Sim
- Time and Attendance

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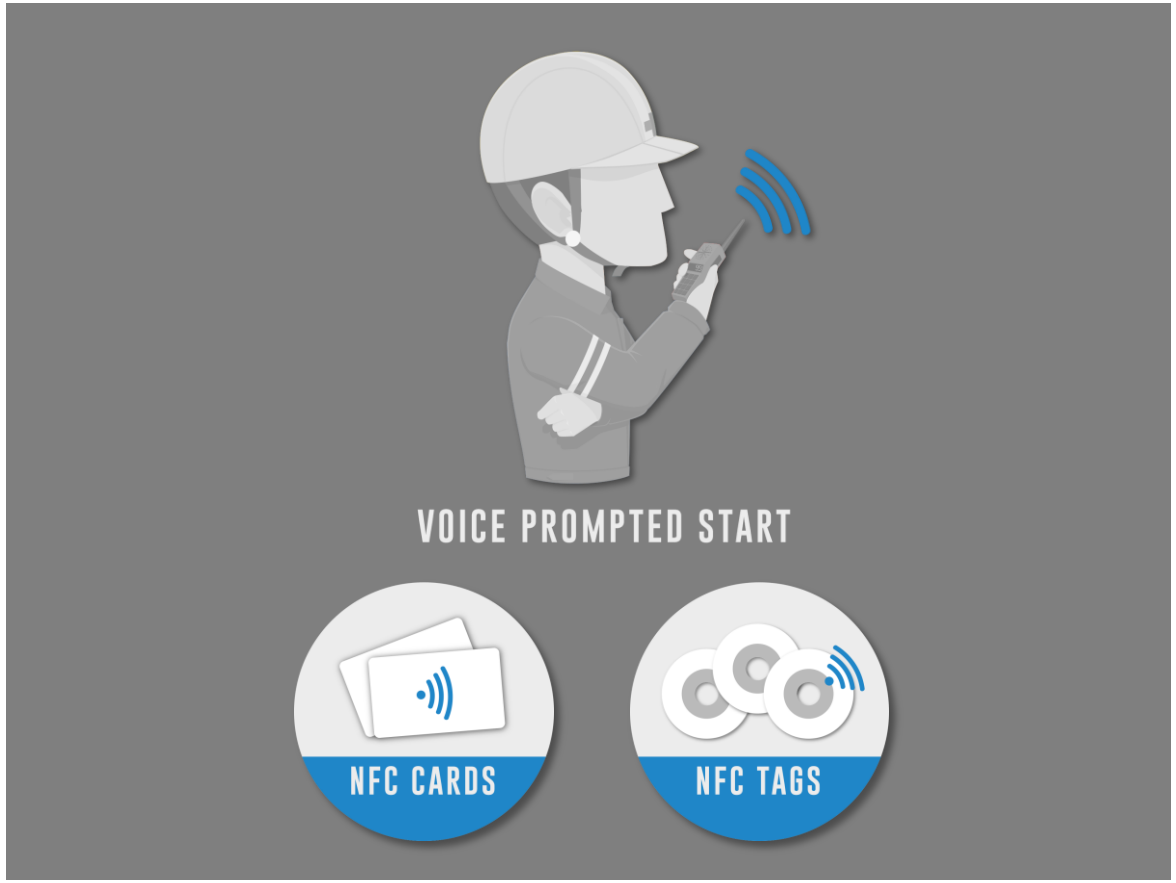
iTALK PATROL AND GUARDING SYSTEM

The iTALKPTT Patrol and Guarding system incorporates complete management of your guard force.

FEATURES INCLUDE:

- Audible Patrol Start and End Reminder
- Personalised Clocking Card
- Real Time Tracking
- Real Time Reporting
- Battery Alert Feature
- Emergency / Panic Button
- Sequential / Random Patrol Routes
- Geo Fence
- NFC Tags or GPS Points Optional
- Voice Recording
- Full Data History
- Listen in
- Text to speech



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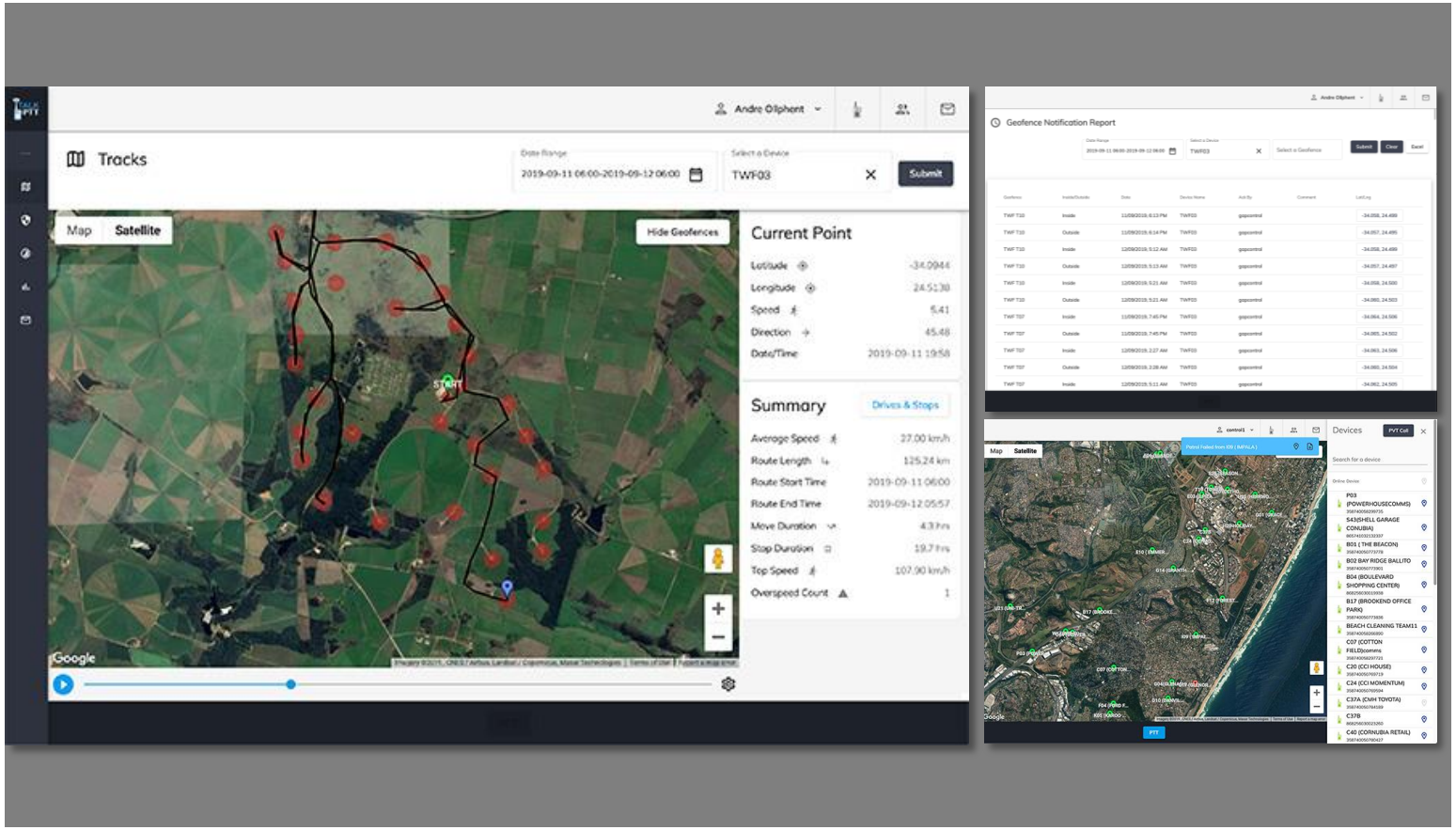
GPS TRACKING

iTALKPTT includes live GPS Tracking ideal for fleet and personnel management.

FEATURES INCLUDE:

- GPS Track History
- Voice Recording
- Listen In
- Drives and Stops
- Overspeeds
- Geo-fence in/out
- Panic Button
- Online/Offline Status
- Online/Offline History
- Battery Status
- Speed/Bearing Indicator



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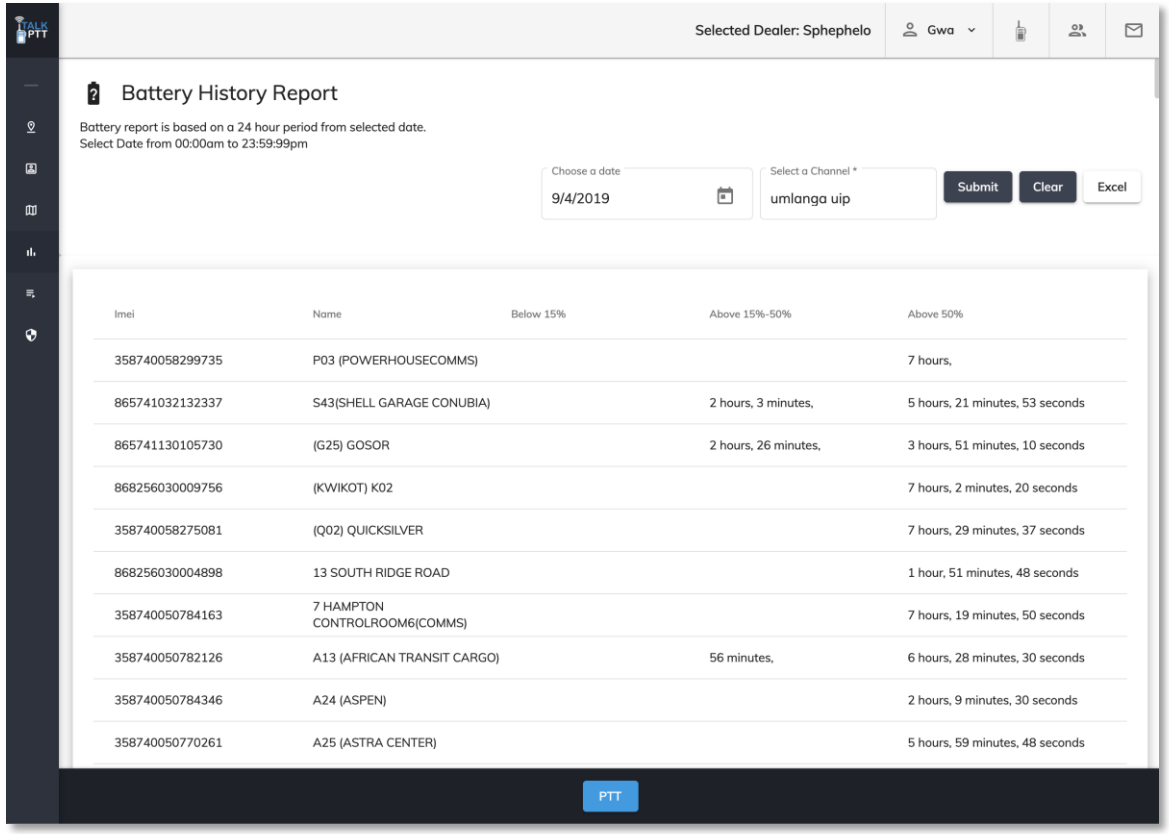
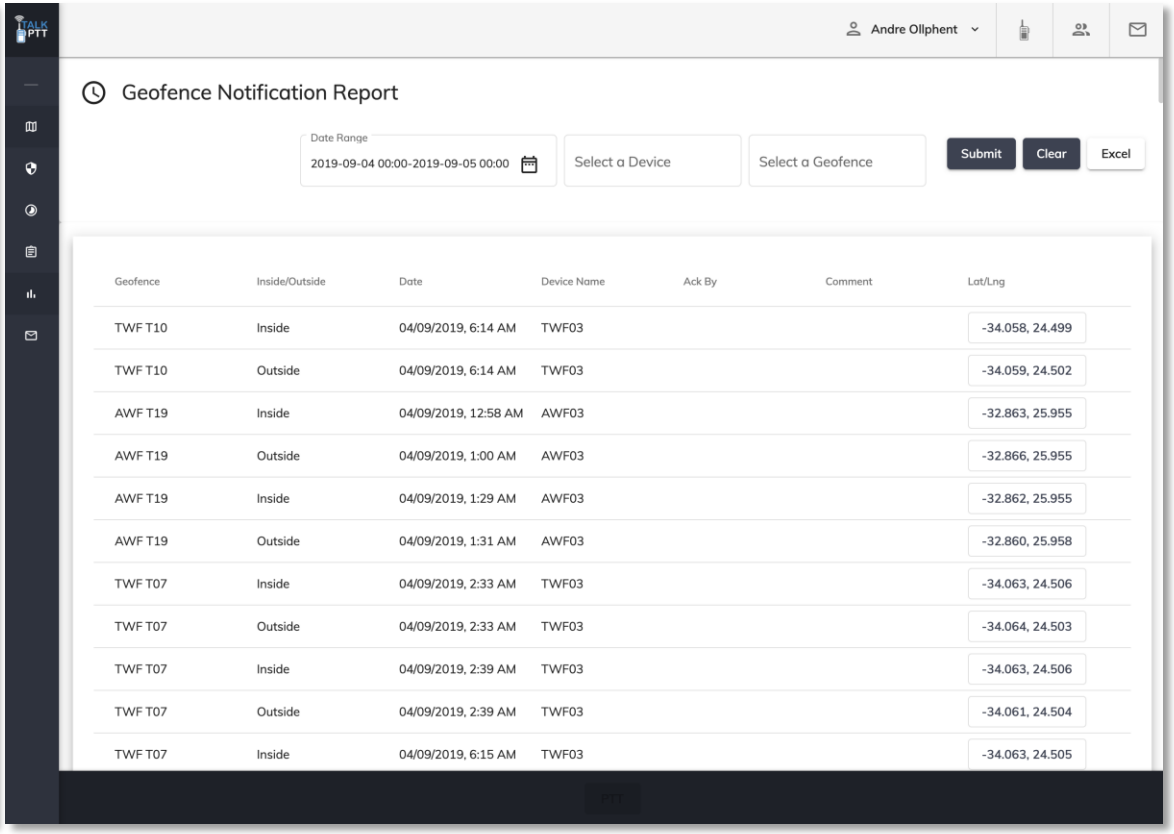
REALTIME REPORTING



Imei	Name	Below 15%	Above 15%-50%	Above 50%
358740058299735	P03 (POWERHOUSECOMMS)			7 hours,
865741032132337	S43(SHELL GARAGE CONUBIA)		2 hours, 3 minutes,	5 hours, 21 minutes, 53 seconds
865741130105730	(G25) GOSOR		2 hours, 26 minutes,	3 hours, 51 minutes, 10 seconds
868256030009756	(KWIKOT) K02			7 hours, 2 minutes, 20 seconds
358740058275081	(Q02) QUICKSILVER			7 hours, 29 minutes, 37 seconds
868256030004898	13 SOUTH RIDGE ROAD			1 hour, 51 minutes, 48 seconds
358740050784163	7 HAMPTON CONTROLROOM6(COMMS)			7 hours, 19 minutes, 50 seconds
358740050782126	A13 (AFRICAN TRANSIT CARGO)		56 minutes,	6 hours, 28 minutes, 30 seconds
358740050784346	A24 (ASPEN)			2 hours, 9 minutes, 30 seconds
358740050770261	A25 (ASTRA CENTER)			5 hours, 59 minutes, 48 seconds

BATTERY HISTORY REPORT

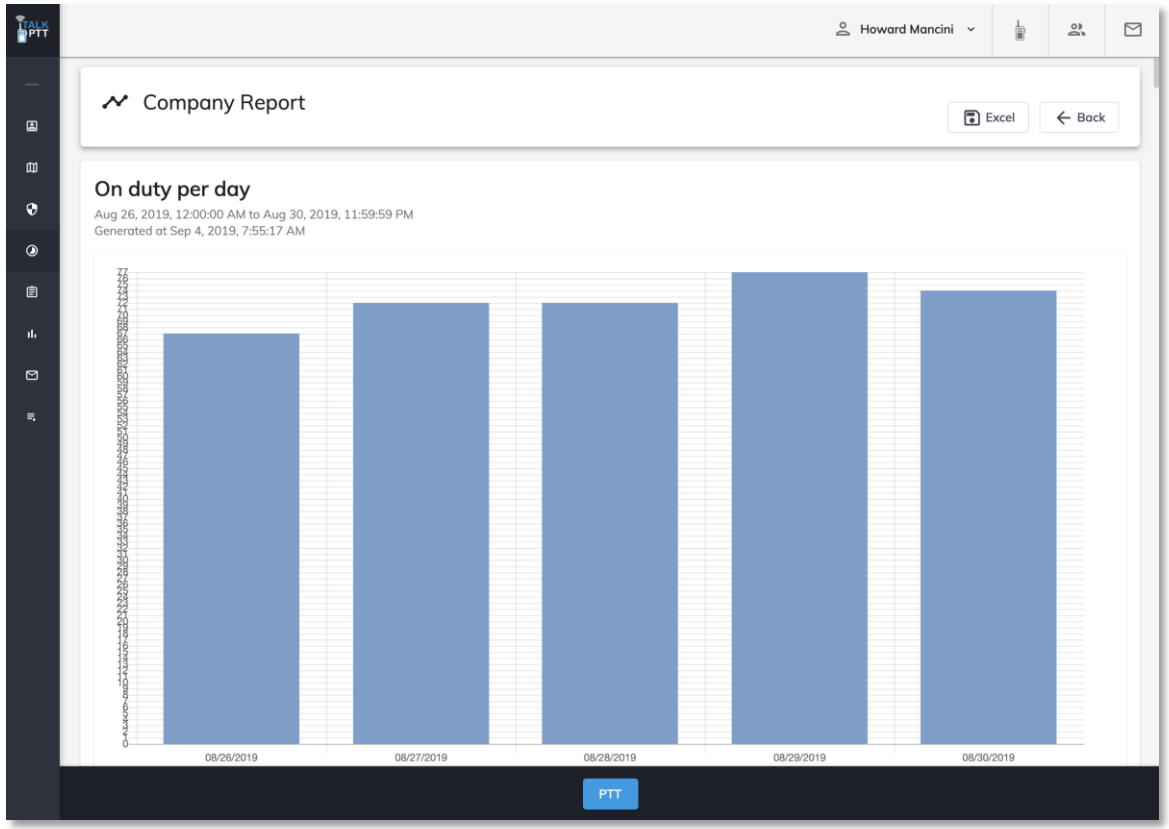


Geofence	Inside/Outside	Date	Device Name	Ack By	Comment	Lat/Lng
TWF T10	Inside	04/09/2019, 6:14 AM	TWF03			-34.058, 24.499
TWF T10	Outside	04/09/2019, 6:14 AM	TWF03			-34.059, 24.502
AWF T19	Inside	04/09/2019, 12:58 AM	AWF03			-32.863, 25.955
AWF T19	Outside	04/09/2019, 1:00 AM	AWF03			-32.866, 25.955
AWF T19	Inside	04/09/2019, 1:29 AM	AWF03			-32.862, 25.955
AWF T19	Outside	04/09/2019, 1:31 AM	AWF03			-32.860, 25.958
TWF T07	Inside	04/09/2019, 2:33 AM	TWF03			-34.063, 24.506
TWF T07	Outside	04/09/2019, 2:33 AM	TWF03			-34.064, 24.503
TWF T07	Inside	04/09/2019, 2:39 AM	TWF03			-34.063, 24.506
TWF T07	Outside	04/09/2019, 2:39 AM	TWF03			-34.061, 24.504
TWF T07	Inside	04/09/2019, 6:15 AM	TWF03			-34.063, 24.505

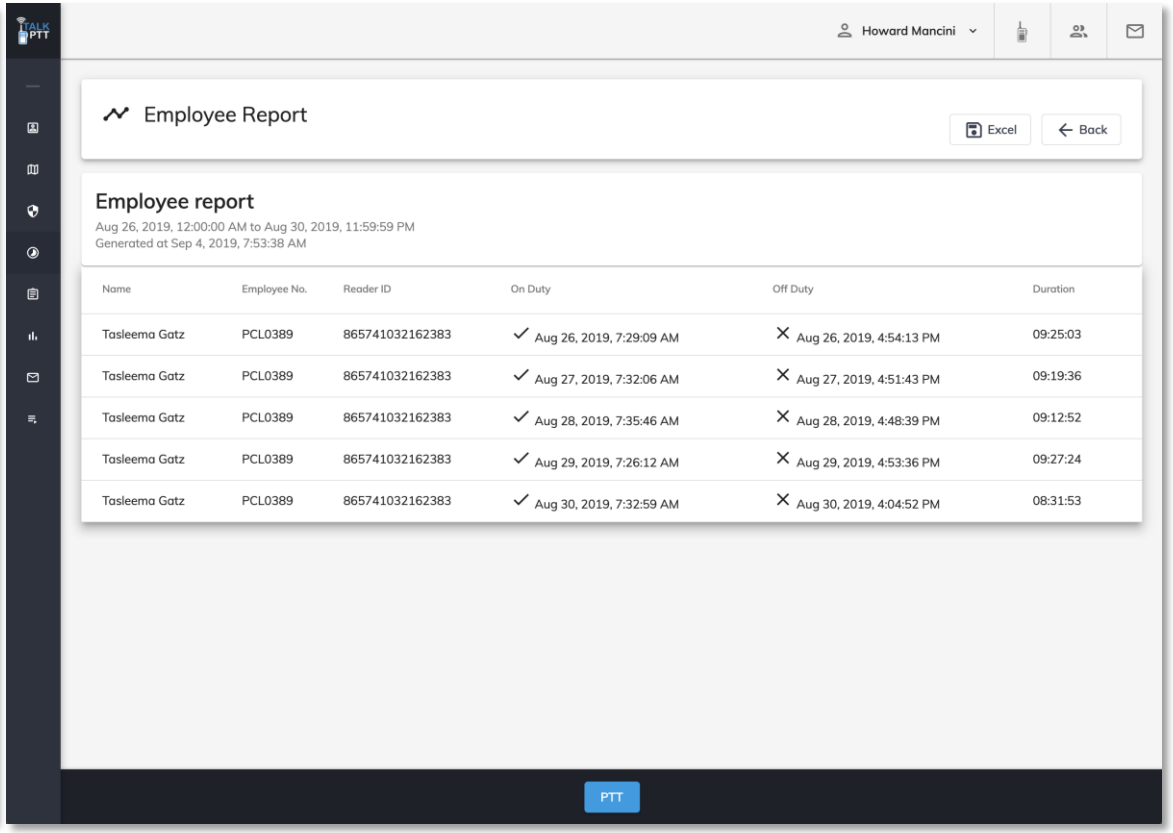
GEOFENCE REPORT

iTALKPTT

REALTIME REPORTING



ON/OFF DUTY REPORT



Name	Employee No.	Reader ID	On Duty	Off Duty	Duration
Tasleema Gatz	PCL0389	865741032162383	Aug 26, 2019, 7:29:09 AM	Aug 26, 2019, 4:54:13 PM	09:25:03
Tasleema Gatz	PCL0389	865741032162383	Aug 27, 2019, 7:32:06 AM	Aug 27, 2019, 4:51:43 PM	09:19:36
Tasleema Gatz	PCL0389	865741032162383	Aug 28, 2019, 7:35:46 AM	Aug 28, 2019, 4:48:39 PM	09:12:52
Tasleema Gatz	PCL0389	865741032162383	Aug 29, 2019, 7:26:12 AM	Aug 29, 2019, 4:53:36 PM	09:27:24
Tasleema Gatz	PCL0389	865741032162383	Aug 30, 2019, 7:32:59 AM	Aug 30, 2019, 4:04:52 PM	08:31:53

EMPLOYEE DUTY REPORT

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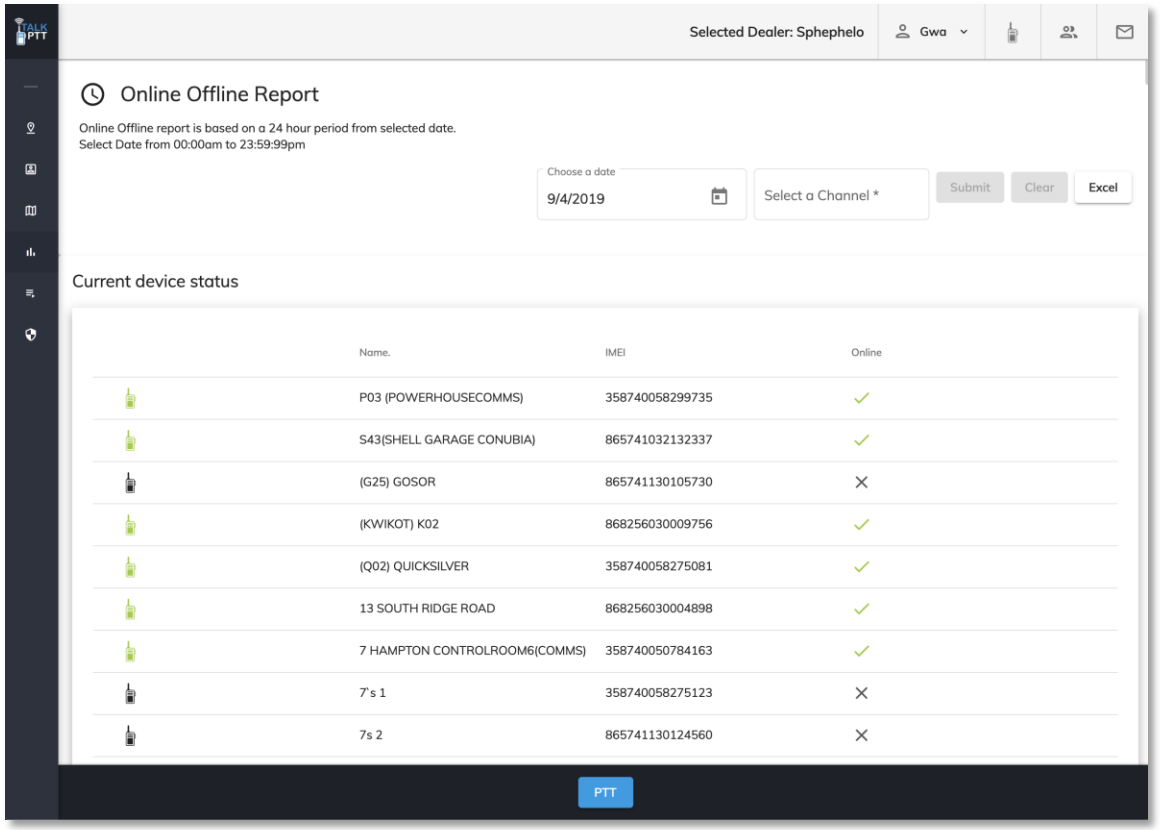
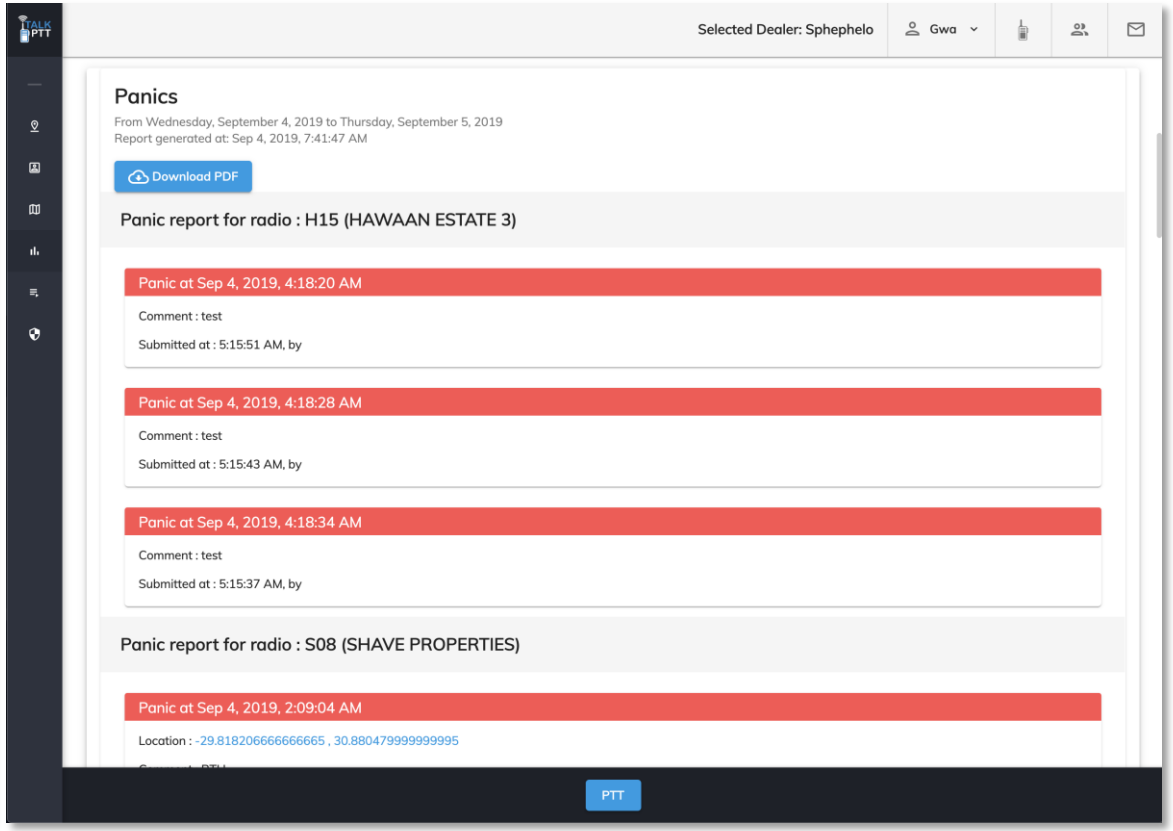
REALTIME REPORTING



ON/OFFLINE REPORT



PANIC REPORT

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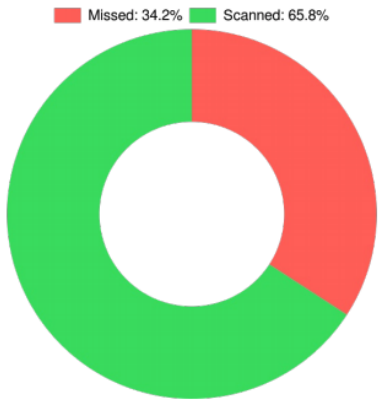
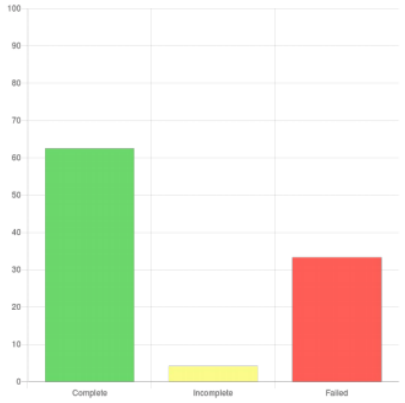
REALTIME REPORTING

Scanned Tags



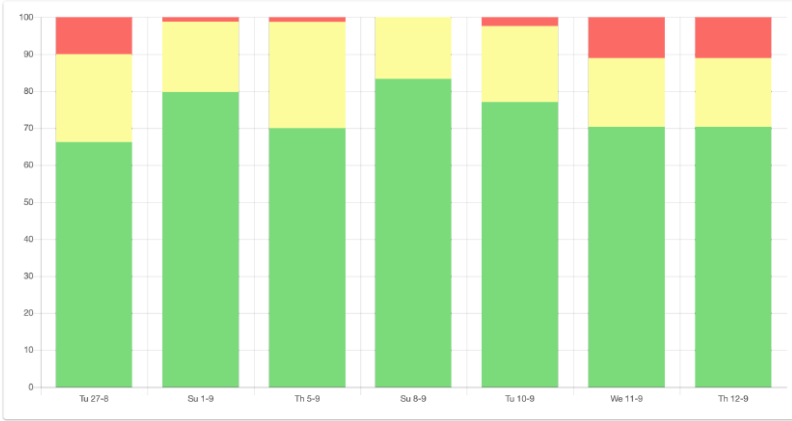
Patrol Performance



Controller Input

Comment	Controller	Time
TEA BREAK	control2	19-09-03 10:20:00}
tea break	control2	19-09-03 10:50:00}
rth	control2	19-09-03 11:50:00}
lunch break	control2	19-09-03 13:50:00}
rth	control2	19-09-03 14:20:00}
member was busy with a delivery	control2	19-09-03 14:50:00}
lunch break	control2	19-09-03 15:20:00}

Weekly patrol performance %



Site performance

Select a site to view

Shift	Site	Total Rounds	Rounds complete %	Failed	Incomplete	Complete	Total tags	Scanned tags	Scanned tags %
Night Patrol	Netcare 911	9	78 %	0	2	7	135	133	99 %
Clinton Night Patrol	Netcare Clinton	8	88 %	0	1	7	160	159	99 %
Greenacres Night Patrol	Netcare Greenacres	9	89 %	0	1	8	126	125	99 %
Night Patrrol	Netcare Krugersdorp	9	89 %	0	1	8	162	161	99 %
Margate Night Patrol	Netcare Margate	9	0 %	1	8	0	126	94	75 %
Pinehaven Night Patrol	Netcare Pinehaven	8	88 %	0	1	7	160	159	99 %
Night Patrol	Netcare St Augustines	7	100 %	0	0	7	77	77	100 %
Umhlanga Night Patrol	Netcare Umhlanga	8	0 %	8	0	0	232	0	0 %
Union Night Patrol	Netcare Union	7	86 %	0	1	6	119	117	98 %
Waterfall Night patrol	Netcare Waterfall	7	100 %	0	0	7	98	98	100 %

PATROL REPORT

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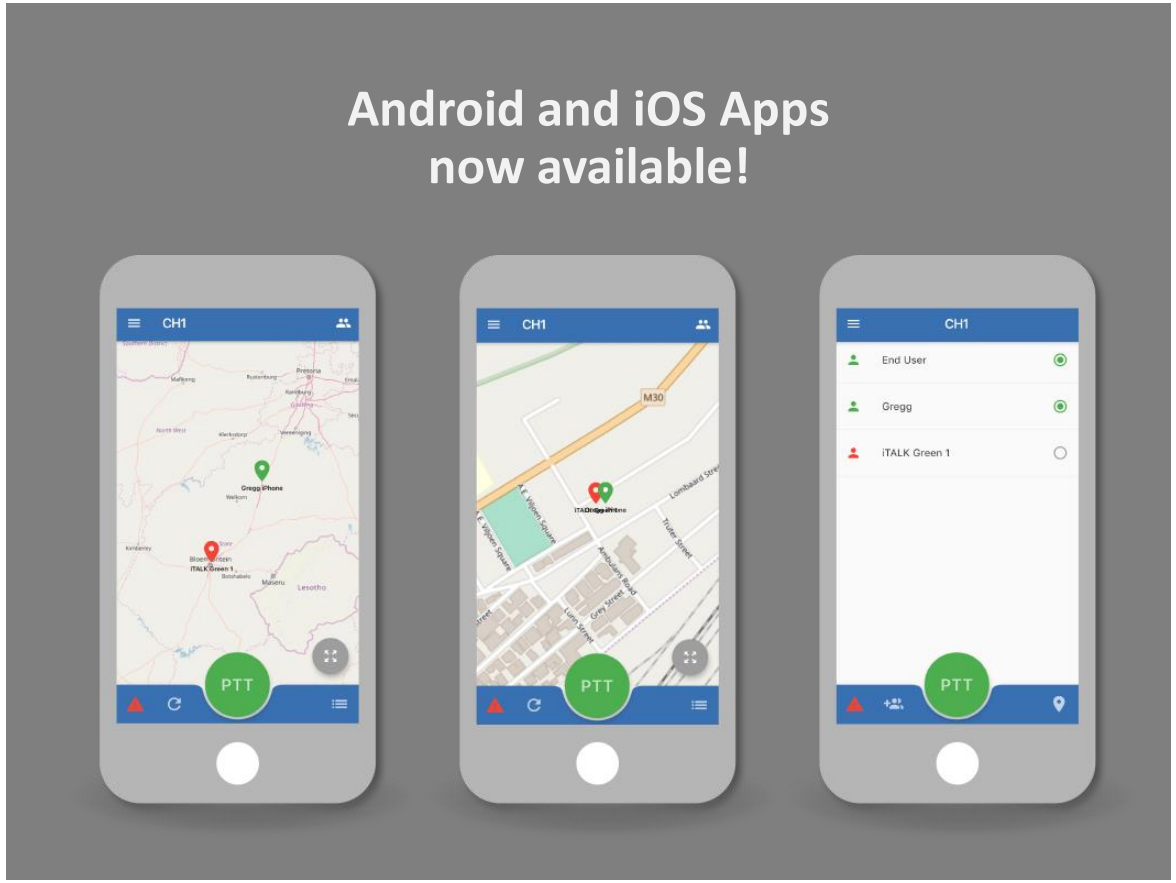
MOBILE APP

The iTALKPTT application is the perfect way to manage things on-the-go.

FEATURES INCLUDE:

- PVT Call/Group Call
- Unique Emergency Button
- GPS Location
- Voice Recording
- Messaging
- Battery Percentages
- Online/Offline



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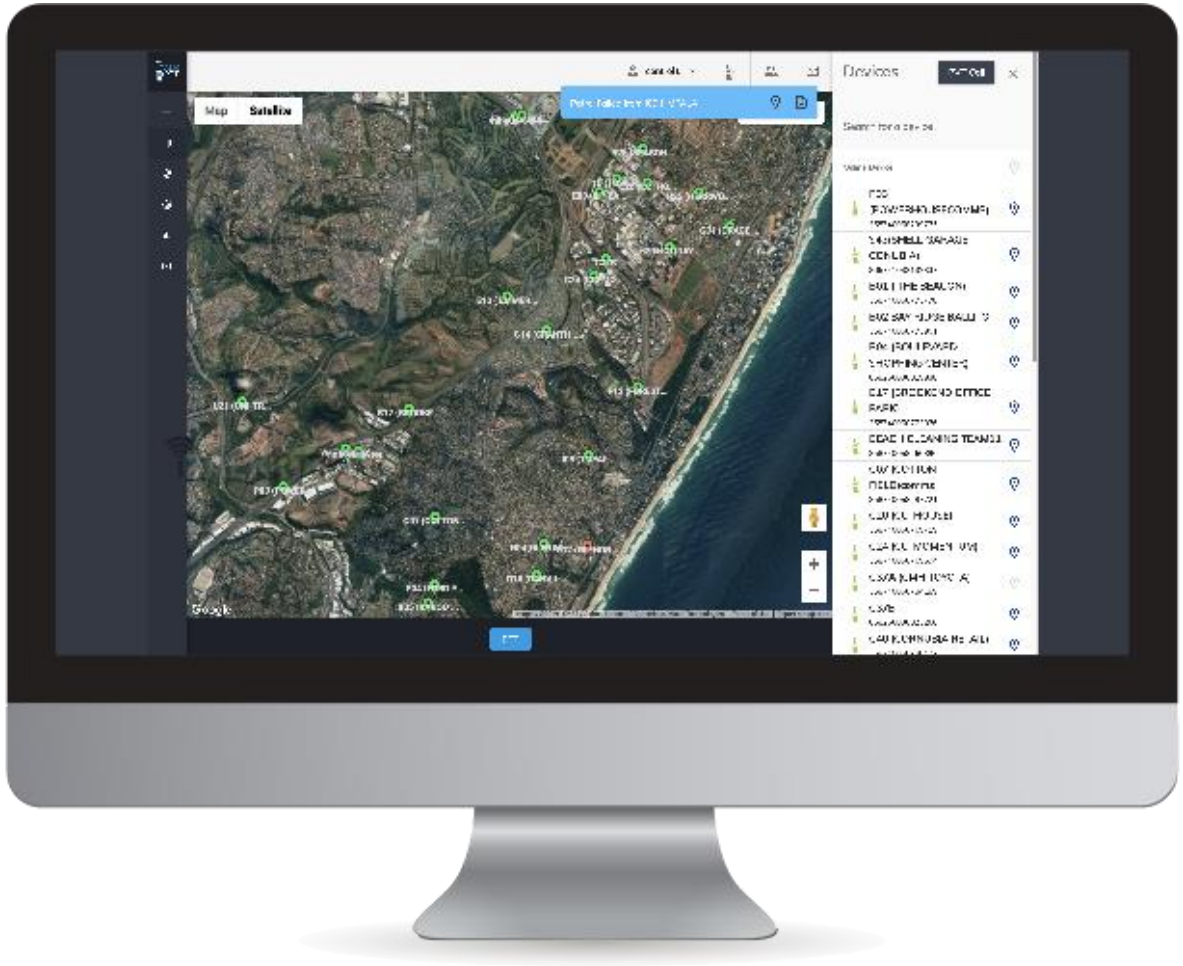
DESPATCHER SOFTWARE



Your real-time, web-based solution

iTALKPTT

THE PERFECT SOLUTION ACROSS MULTIPLE INDUSTRIES

iTALKPTT

TECHNOLOGY COMPARISONS

	CONVENTIONAL RADIO	TRUNKING	POC RADIO (iTALKPTT)
INFRASTRUCTURE	Point-to-Point	Repeater, Base Station, Antennae, Site Premises	**Cellular Network**
SECURITY	Low	Medium	**High**
FREQUENCY	Allocated Frequency	Allocated Frequency	**Cellular Network**
COVERAGE INDOOR/OUTDOOR	Range Limitation	Limited by site installation	**Nationwide**
DATA CAPABILITY	Nil	Limited	**GPS, Text messaging**
BANDWIDTH	Narrowband	Narrowband	**Broadband**
INTERFERENCE	High	Medium	**Minimum**
OVER THE AIR PROGRAMMING	Limited	Limited	**Yes**
DYNAMIC GROUPING	No	Limited	**Yes**
EVENT LOGGING	Limited	Limited	**Full**

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PLEASE CONTACT US FOR MORE INFORMATION

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