



# THE ALL-IN-ONE SOLUTION

### WHY ITALKPTT?

PTT technology is ideally suited to organisations 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.



# **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.



# THE ITALKPTT EVOLUTION

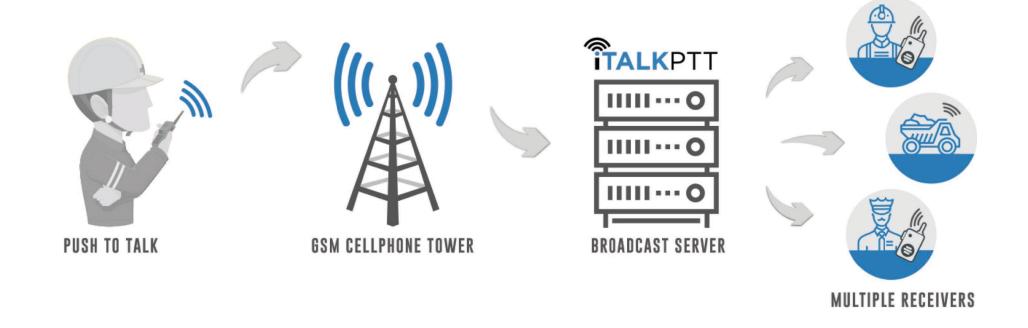


### The all-in-one solution

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



### THE ITALKPTT SOLUTION

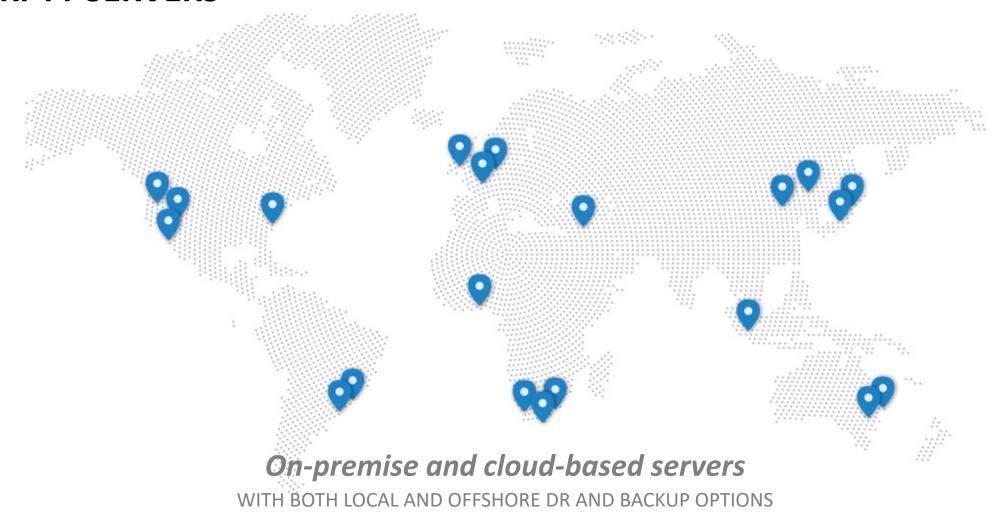


# On-premise and cloud-based servers

WITH BOTH LOCAL AND OFFSHORE DR AND BACKUP OPTIONS

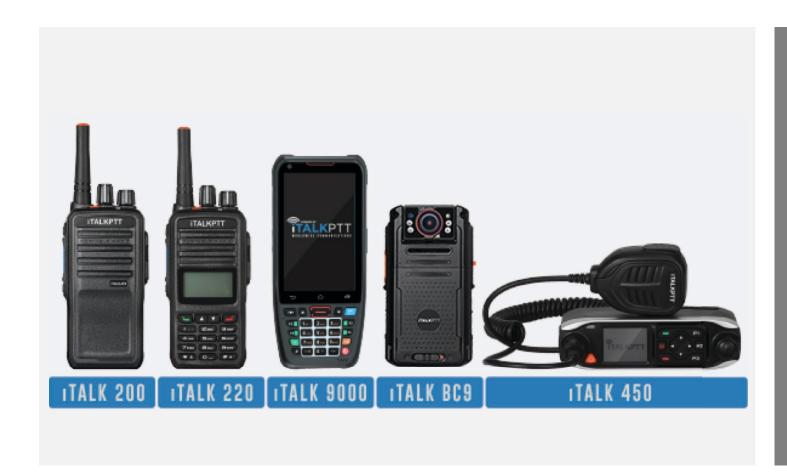


# **ITALKPTT SERVERS**





### **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)



### **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
- Scan mode

- 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
- Offline capable guard patrol/ iAccess/ on-off duty

#### **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



# **iTALK 9000: ACCESS CONTROL DEVICE** (Visitor Identification)



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

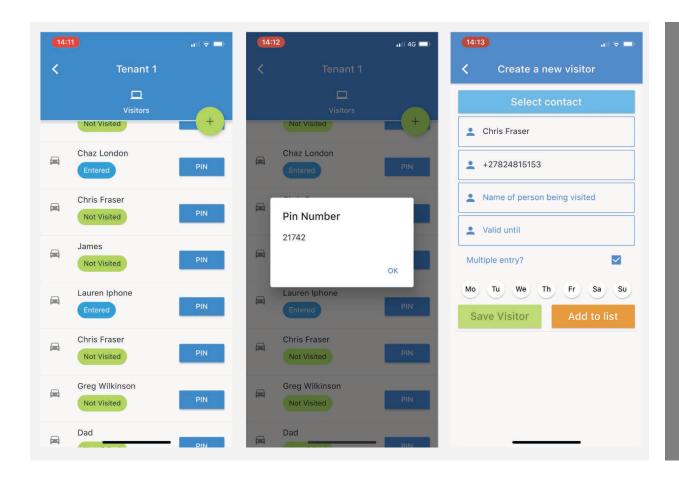
Ideal for Estate Management-Offices-Complexes, combined with the iAccess app this is your complete Visitor Management solution!

- High speed quad-core
  Android 10.0 system
- 4.0-inch HD screen
- Access control
- Vehicle/Drivers License Scanning
- Photos
- Panic Button
- 4G
- WiFi
- Bluetooth

- 1D Scanning
- 2D Scanning
- PSAM
- NFC (Guard Patrol)
- Camera
- GPS
- ID Card
- PTT (Push to Talk Device)
- Messaging
- Rechargeable Polymer Battery (3.8V 4500mAh)



### **ITALK: IACCESS APP**



Used for sending secure pin codes to visitors.

- Time based
- Multiple Entry options
- Available on Android and iOS apps



# **ITALK BC9: BODY CAMERA / PTT DEVICE**



The iTALKPTT BC9 Body Camera is a PTT HD recording device operating on an Android system.

It has integrated PoC, video dispatch and command and intelligent Al applications.

- Live Audio and Video Streaming
- Wide Angle, Dual Rotatable Camera
- Push-to-Talk Over Cellular
- 2560 x 1440 Video Resolution
- 3.1" IPS LCD Touch Screen
- 2G/3G/4G

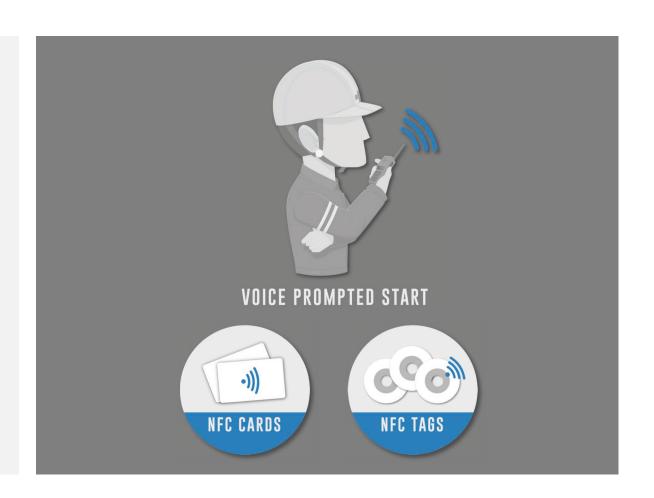
- Bluetooth/WiFi
- 3500 mAh Lithium Battery
- Call Options incl. Broadcast
- NFC (Guard Patrol)
  - IP68 Waterproof
- Box Dual Loudspeakers



### **ITALK PATROL AND GUARDING SYSTEM**

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

- 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

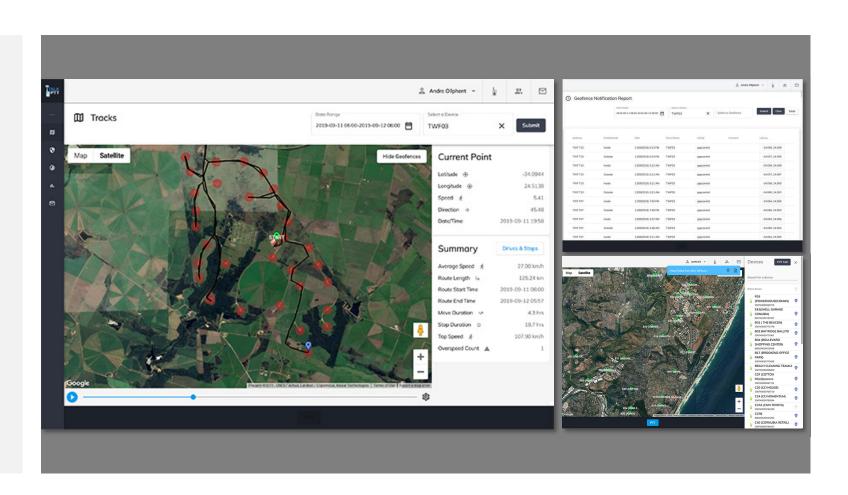




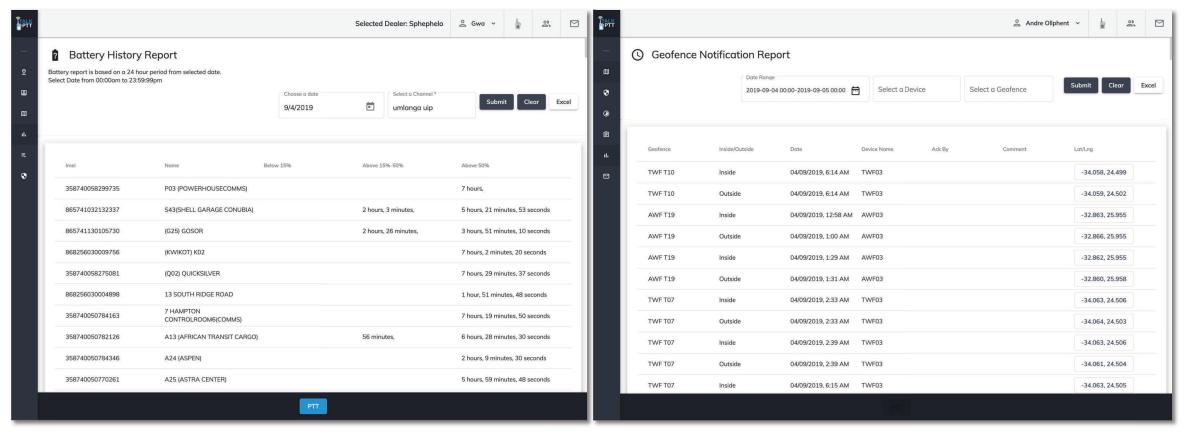
### **GPS TRACKING**

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

- 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



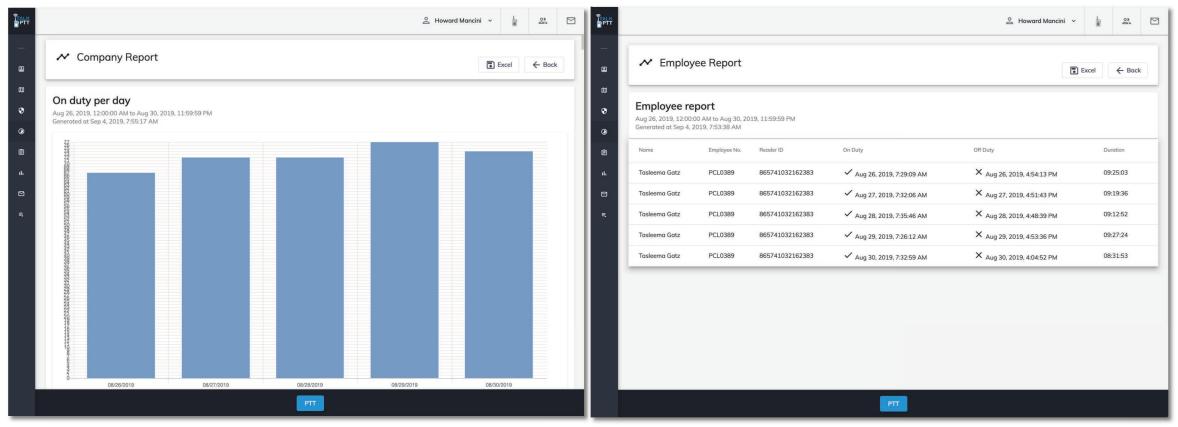




**BATTERY HISTORY REPORT** 

**GEOFENCE REPORT** 

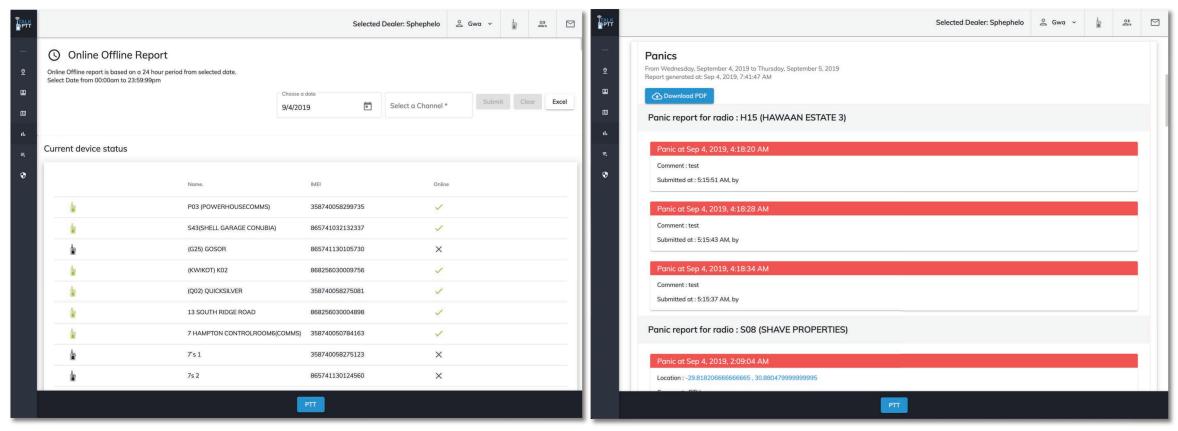




**ON/OFF DUTY REPORT** 

**EMPLOYEE DUTY REPORT** 

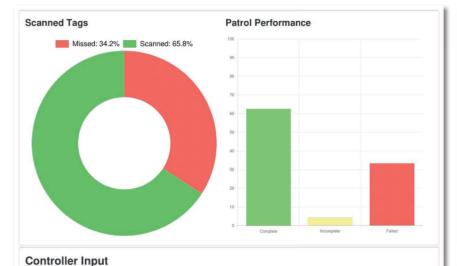




**ON/OFFLINE REPORT** 

**PANIC REPORT** 





#### Controller TEA BREAK control2 19-09-03 10:20:00} tea break control2 19-09-03 10:50:00} 19-09-03 11:50:00} control2 lunch break control2 19-09-03 13:50:00} 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}



elect 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 %

### **ON/OFF DUTY:**

This feature enables the guard or worker to clock on and off duty using his personalized clocking card.

Full reporting is available and integration with Easy Roster is an option.

**PATROL REPORT** 



### **MOBILE APP**

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

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





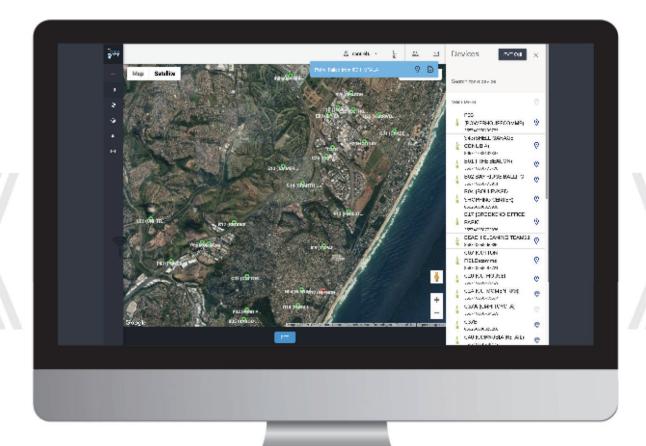
### **DESPATCHER SOFTWARE**























# THE PERFECT SOLUTION ACROSS MULTIPLE INDUSTRIES





# **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



