ToooAir

ToooAir offers you the most comprehensive range of Push-To-Talk over Cellular radios and feature rich platform available in Australia

We have you covered Australia wide
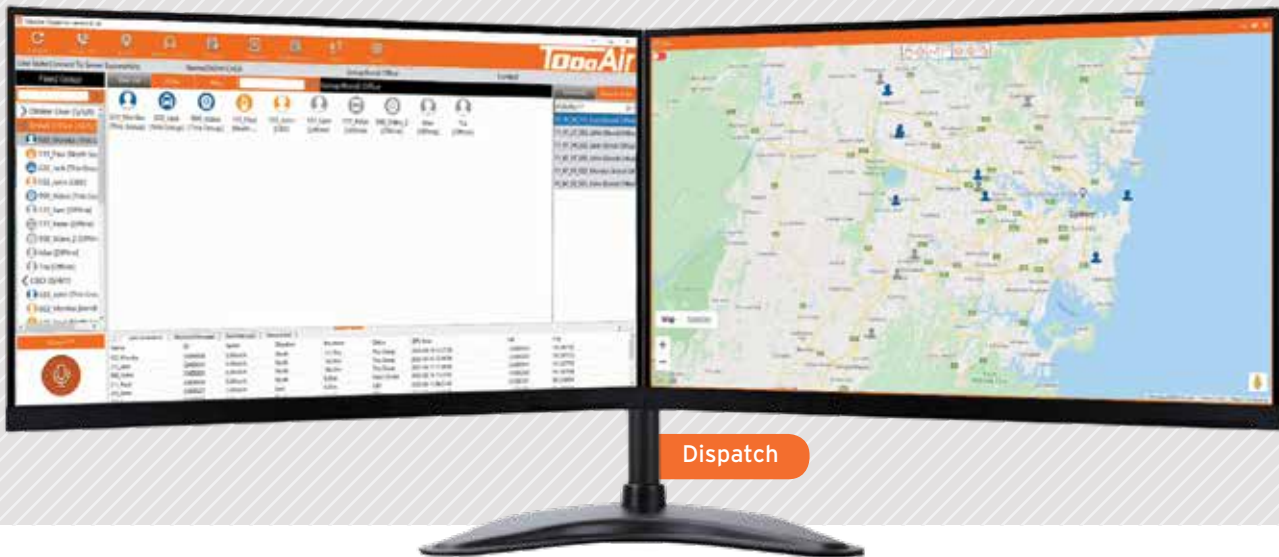
AUSTRALIA-WIDE COVERAGE

ToooAir System Solution

ToooAir is not just radio communication but a complete system with dedicated dispatch software and applications that seamlessly connect into the ToooAir system.

Whilst radio fleets can operate as individuals and groups without the need of the dispatch or ToooAirPTT application, the ToooAir dispatch software solution greatly enhances the versatility and features available. The user-friendly displays give quick visual indication of who is "On-Air", what group they belong to and where they are. Communication to the Fleet, Sub Group or a Private Call to an individual user is just a simple press of the space bar in dispatch or touch of screen in ToooAirPTT.

ToooAirPTT

Dispatch

Versatility in Features

Safety Features	Call Features
Lone Worker Timer	☑ Private Call
SOS Duress Alert - Zoom to users' location	☑ Talk Over Hierarchy
Stun User - Remotely disable a radio	☑ Quick 3-Digit Private Call
GPS Tracklog Display & Voice Recordings - 3 Months Backup	☑ Dynamic re-grouping - Manage users' talk groups
Geo-Fence Alerts	☑ Missed Call Alert - Audible tone for 30 minutes
Video Streaming	☑ Geo-Locational Calling
	☑ Zoom to transmission location of user

ONE TO ONE (PRIVATE CALL)

ONE TO MANY (GROUP CALL)

PRIVATE ENCRYPTED CALLS

UNLIMITED GROUPS

ToooAir

PTToC 3G/4G & 4GX – 98% Coverage	Wi-Fi 2.4/5Ghz & Bluetooth 4.0
Audible Voice Prompts	Slim & Light Form Factor
Dual SIM Cards & GPS Receiver Built-In	Dedicated SOS & Torch
4000mAh Battery up-to 17 Hours Talk Time	Private Call & Missed Call Alert

Slim & Protected PTToC Handheld Radio

The Slim TA-430 takes advantage of a coloured display for group change and user private call select with a clean keypad for quick selection. The slim design fits neatly in pockets for effortless portability and has loud audible alerts for missed calls and SOS duress. The optimized Android 8.1 operating system enables the radio to talk for up-to 17 hours with text-to speech audible functions for all interactions in the device. The TA-430 can connect into Wi-Fi, Bluetooth and two carrier networks with dual SIM card compatibility.

IP54 rated, adjustable volume knob, dedicated SOS, PTT, Torch and internal GPS features rival with the best.

TA-430

PTToC Network Features

Wide Area Coverage
Capable of dual SIM cards the TA-430 connects into the huge 3G/4G/4GX cellular data network. Onboard Wi-Fi and Bluetooth capabilities ensures the unit stays connected underground, in tunnels and in buildings.

Group Call (One to Many)
User can select pre-programmed groups with the clean keypad and talk to all members of the group.

Private Call (One to One)
User can select an individual radio or dispatcher to perform a one-on-one private call outside the group.

Missed Call Alert
If the user misses a private call the radio will prompt an audible missed call alert for 30 minutes.

Dedicated SOS
A dedicated SOS button that when held in for 3 seconds sends an alert to all other units and the dispatcher. An audio alarm and street level location is immediately displayed on the dispatch PC.

Internal GPS Engine
The internal GPS engine reports its position every 60 seconds to the dispatcher (Programmable).

ToooAir

PTToC 3G/4G & 4GX – 98% Coverage	Wi-Fi 2.4/5Ghz & Bluetooth 4.0
Audible Voice Prompts	Comes with USB & Desktop charging
GPS Receiver Built-In	Dedicated SOS – Alerts all users and dispatch
4000mAh Battery	Private Call & Missed Call Alert

Intelligent Wi-Fi & Bluetooth PTToC Handheld Radio

The Intelligent TA-450 is a durable handheld radio, capable of Wi-Fi, Bluetooth and 3G/4G/4GX, cellular connectivity. The broad connection capability means that TA-450 will deliver reliable communications in all underground environments including tunnels, building basements and car parks throughout Australia.

The TA-450 can change groups quickly via a Group Select knob, and initiate a private call via a dedicated Private Call button. If the called party is not available, the TA-450 will produce an audible "called" alert tone for up to 30 minutes.

The screenless design makes room for a powerful, 2-watt front facing speaker, to deliver loud, clear digital audio for voice, audible alert and user functions like power on, private call and ToooAir messaging.

TA-450

PTToC Network Features

Wide Area Coverage
The TA-450 connects into the vast 3G/4G/4GX cellular data network using a 4dB gain antenna, to ensure a solid cellular connection. Coupled to the onboard Wi-Fi and Bluetooth connectivity, the TA-450 will deliver reliable communications in all underground locations, including tunnels and multi-storey buildings.

Group Call (one to many)
The user can select pre-programmed groups via a group select knob and talk to all members of that group. The flexibility of the TA-450 allows a user to be a member of up to 16 groups.

Private Call (One to One)
The user can select an individual radio or dispatcher to conduct a one-on-one private call outside of his group.

Missed Call Alert
If a user misses a private call, TA-450 will continue to sound an audible "missed call" alert for up to 30 minutes.

Dedicated SOS
When pressed for 3 seconds, the dedicated SOS button on TA-450 will generate a loud alert across the group or fleet and dispatcher. The ID and exact location of the user will be highlighted on the dispatcher panel.

Internal GPS Engine
The internal GPS engine reports its position every 60 seconds (Programmable).

ToooAir

PTToC 3G/4G & 4GX – 98% Coverage	6 Quick select, user programmable keys
13 pin M5 Connector – Speaker Microphone compatible	Dedicated SOS – Alerts all users and dispatch
GPS Receiver Built-In	Comes with USB & Desktop Charging
Solid Robust design	5000mAh Battery – Enables extensive talk time

Extremely robust, 3G/4G & 4GX PTToC ready handheld

Extremely robust and empowered with the latest digital PTToC Push-to-Talk over Cellular technology offering VoIP two-way communication.

The TA-682 is a solid sturdy handheld that is both 3G/4G and 4GX ready. Supplied standard with a 5000mAh battery for extended talk time and fast charge drop in charging cradle.

Equipped with a list of new features including new user-friendly GUI, additional user programmable keys, 13 pin M5 connecter, adjustable sound & MIC settings, voice recordings and group monitoring, the unit is packed with new features and is still as compact as the TA-388.

TA-682

PTToC Network Features

Wide Area Coverage
The TA-682 connects into the huge Telstra 3G/4G and 4GX cellular data network. With a 4dB gain antenna, the TA-682 offers the best coverage of any PTToC radio on the market.

Group Call (One to Many)
User can select pre-programmed groups and instigate a group call and talk to all members of the group. User can also be part of multiple groups and choose the group it belongs to.

Individual Private Call (One to One)
User can select an individual radio or the dispatcher and perform a one on one private call outside the group.

Internal GPS Engine
The internal GPS engine reports its position every 60 seconds to the dispatcher (Programmable). GPS acquisition status is shown on the radio LCD display.

Monitor Groups
TA-682 has the ability to monitor multiple groups that can be quickly configured in the user-friendly GUI.

Adjustable Sound Quality
The TA-682 comes with several sound adjustments including speaker and microphone gain settings and the ability to choose between a 4K and 8K voice codec.

Voice Recordings
The unit can have all the transmissions that are broadcasted or received recorded to the device. The recordings can be easily accessed through the user-friendly GUI.

Dedicated SOS
A dedicated SOS button that when held in for 3 seconds sends an alert to all other units and the dispatcher. An audio alarm and street level location is immediately displayed on the dispatch PC.

PTToC 4G IP Radio with UHF	39 Pre-Programmable UHF Channels (402MHz-480MHz)
80 Channel UHF CB	78 Programmable RX only Channels
GPS Receiver In-Built	Numeric Keypad
USB & Desktop Charging	Signal Strength and Battery Level Indicator

Dual band PTToC with UHF Commercial and 80 Channel CB

The TA-680 is the handheld Australia has been waiting for, unique in its feature offering. Now users can communicate back to the office anywhere in Australia on their own private fleet network and also talk locally to open networks on UHF channels or CB all from one portable.

With inbuilt GPS the unit can be tracked, displayed and managed using the ToooAir dispatch platform. TA-680's powerful features are enhanced by a numeric keypad, colour TFT display, easy switching between modes, SOS emergency call and USB charging.

The unit is a fully featured PTToC (Push to Talk over Cellular) Two Way radio with integrated analog UHF capability offering 39 pre-programmable commercial channels and 80 Channel CB. A further 78 channels are user programmable receive only frequencies that can be added to the scan group.

TA-680

PTToC Network Features

Group Call (One to Many)
User can select a pre-programmed group and instigate a group call and talk to all members of the group. The radio can be a part of multiple groups and choose the group it belongs to

Individual Private Call (One to One)
User can select an individual radio or the dispatcher and perform a one on one private call outside the group

Internal GPS Engine
The internal GPS engine reports its position every 60 seconds to the dispatcher (Programmable). GPS acquisition status is shown on the radio LCD display

Text Message
The dispatch operator can send instant text messages to the radio, all the text messages are recorded on the dispatcher

Radio Stun
The dispatch software can stun a radio, should the radio be stolen or abused. Radio stun can also be controlled by the system platform, if the fleet is not using a dispatcher

SOS Emergency Call
SOS emergency broadcast to dispatch platform and all fleet users

Twin Antenna
Maximum performance is achieved across the wide band of 400MHz, 1800MHz & 2100MHz utilizing twin antenna design

UHF Features

UHF Commercial
39 UHF dealer programable frequencies from 400 to 480Mhz with CTCSS and DCS, BCL, Hi/Lo Power, Roger Beep, Frequency + Channel display, ToT and Scan

UHF CB (477Mhz)
80 Channel with CTCSS/DCS, Hi/Lo Power, Direct channel access via keypad, Duplex and Scan

ToooAir

PTToC Two-Way Radio & Body Worn Camera

Live Video Streaming to Dispatcher	Push-to-Talk over Cellular Two-Way Radio	Dedicated PTT, SOS, Video Record and Infrared buttons
SOS Duress Alert and Lone Worker	Built-in GPS Receiver	Convenient drop-in charge cradle and data transfer
64GB Storage – 64 hours of recording	3200mAh Lithium battery	3.1" HD IPS touch screen for easy operation
Front 32MP HD Camera	Infrared Camera up-to 10M	Cloud Based Storage – Accessible from Dispatcher

TC-500

Compact Body Camera

The TC-500 high end compact body worn camera is designed for extreme situational environments capable of both Push-To-Talk over Cellular Two-Way Radio connectivity and Live Video Streaming. The camera comes equipped with a large list of safety features and functionality. Once attached to the body, the device offers a strong "Big Brother" presence for operators in the field.

Safety Features

Built-in GPS for live fleet tracking, SOS broadcast alert (zoom to users' location), Lone Worker alert, Geo-Fence, GPS, Video & Audio recordings for liability and track history checks.

Live Video Streaming & Recording

The body worn camera can record data internally and live stream simultaneously. From Dispatcher control the TC-500's video feed can be streamed for remote video surveillance assistance. The live stream can be adjusted from 380p to 1080p depending on cellular connectivity, all video streams are recorded to the ToooAir cloud and are accessible via the Dispatcher.

Dedicated SOS

Dedicated SOS button that when held in for 3 seconds sends an alert to all other units and the dispatcher connected to the fleet, while active opens the MIC allowing for hands free communication (HOT MIC SOS). An audio alarm and street level location is immediately displayed on the Dispatcher PC.

Battery & Cradle

With a battery size of 3200mAh and operational time of 12 continuous hours the unit will continue working for the entire work shift. In the event the battery needs to be swapped out the TC-500 has an internal battery for hot swappable battery packs. Each drop-in cradle supplied with the unit is capable of device charge + spare battery bay.

ToooAir

PTToC 3G/4G & 4GX – 98% Coverage	Distortion free sound quality – Large 3W front speaker
Dual Band PTToC & 80 Channel UHF CB	Dedicated SOS – Alert all users or dispatch
GPS Receiver Built-In	Display menu icons
Numerical 0 – 9 keypad microphone	39 Pre-programmable commercial UHF channels

Robust & Loud, dual band PTToC, Commercial & 80 Channel UHF CB

TA-990/991/995

The TA-995 sets a new benchmark for PTToC fixed mount mobiles.

The design incorporates both Push-to-Talk over Cellular, Commercial UHF and 80 channel CB. A large front facing speaker and 3W amplifier gives ample sound for noisy truck environments. The large LCD display and icon-based menu lends itself to user friendly operation.

All the features required for heavy transport, agriculture, mining, construction and service industries have been incorporated into the TA-995 including GPS, SOS, Numerical keypad microphone, Dual SIM, Dual band UHF and 3G/4G/4GX LTE.

TA-991

PTToC Network Features

Wide Area Coverage
The TA-995 connects into the huge Telstra 3G/4G and 4GX cellular network and with the added external antenna the TA-995 offers the best coverage of any PTToC on the market.

Group Call (One to Many)
User can select pre-programmed groups and instigate a group call and talk to all members of the group. User can also be part of multiple groups and choose the group it belongs to.

Individual Private Call (One to One)
User can select an individual radio or the dispatcher and perform a one on one private call outside the group.

Internal GPS Engine
The internal GPS engine reports its position every 60 seconds to the dispatcher (Programmable). GPS acquisition status is shown on the radio LCD display.

Enhanced Sound Quality
The TA-995 has a powerful front facing 3W speaker. Sound adjustments including speaker and microphone gain settings and the ability to choose between a 4K and 8K voice codec.

Dedicated SOS
A dedicated SOS button that when held in for 3 seconds sends an alert to all other units and the dispatcher. An audio alarm and street level location is immediately displayed on the dispatch PC.

UHF Features - TA-995 only

UHF Commercial
39 UHF dealer programmable frequencies from 400 to 480Mhz with CTCSS and DCS, BCL, Hi/Lo Power, Roger beep, Frequency + Channel display, ToT and Scan.

Keypad Microphone
Numerical 0 – 9 keypad for direct channel access, channel selection and 3 digit user select available.

UHF CB (477Mhz)
80 Channel with CTCSS/DCS, Hi/Lo Power, Duplex and Scan.

ToooAir

PTToC 3G/4G & 4GX – 98% Coverage	Wi-Fi 2.4/5Ghz & Bluetooth 5.0
Missed Call Alert	Powerful 5W front speaker & External speaker support
GPS Receiver Built-In	Dedicated SOS – Alerts all users and dispatch
Dual Nano SIM Card Slots	Android 7.1.1 + Google Play Store

Intelligent & Loud, Touch Screen PTToC Fixed Mount Radio

TA-1500

The Android powered TA-1500 fixed mount mobile radio can run multiple applications and operate as a PTToC Two-Way radio. The radio has dual nano SIM cards allowing for multiple network redundancy. Capable of answering and making phone calls while combining navigational / work applications and ToooAir PTToC Two-Way radio in the one unit. The unique Android OS ensures all applications installed are kept up-to date and future configurations and updates can be pushed over air.

The 4″ touch screen display makes selecting menu options a breeze with private calling a touch away. The powerful 5W speaker produces loud clear audio for every transmission received and all audible alerts. Rear external speaker connectivity supports additional audio performance.

PTToC Network Features

Wide Area Coverage
The TA-1500 connects into the huge 3G/4G/4GX cellular data network. With external antennas for cellular connection and onboard Wi-Fi and Bluetooth capabilities ensures the unit stays connected underground and in tunnels throughout Australia.

Group Call (One to Many)
User can select pre-programmed groups and instigate a group call and talk to all members of the group. User can also be part of multiple groups and choose the group it belongs to.

Private Call (One to One)
User can select an individual radio or dispatcher to perform a one-on-one private call outside the group.

Missed Call Alert
If the user misses a private call the radio will prompt an audible missed call alert for 30 minutes.

Dedicated SOS
A dedicated SOS button that when held in for 3 seconds sends an alert to all other units and the dispatcher. An audio alarm and street level location is immediately displayed on the dispatch PC.

Internal GPS Engine
The internal GPS engine reports its position every 60 seconds to the dispatcher (Programmable).

Telephone Connect
Optional full duplex private telephone connection.

ToooAir

3G/4G/4GX LTE	WiFi 2.4Ghz, BT 4.2 LE, NFC & GPS
Dual Nano-SIM	Android 10 (Go) – Large Icons
Lightweight & Compact 197g	Exchangeable 3000mAh Battery ≥12h Life Time
Dedicated PTT & SOS Alert	IP68 & MIL-STD 810G

Compact Lightweight & Ergonomic Android Phone/PTToC Device

At just 118mm tall and less than 200g the RG360 fits neatly in the palm of your hand and offers a comfortable ergonomic ruggedized phone and PTT radio specified to MIL-spec-810G and ingress protection to the IP68 Standard.

The RG360 offers extensive connectivity via 3G/4G and 4GX, Wi-Fi, Bluetooth and NFC with GPS. Driven by the latest Android 10 GO and with the ToooAir platform offers a compact and powerful feature rich communication tool.

RG360

PTToC Network Features

Push-to-Talk

The RG360 is enriched with the full feature set of the ToooAir system including; Unlimited One-to-Many, One-to-One Private call, Dynamic group call, Encrypted AES256 security, Audio & GPS recordings, Live fleet map tracking, SOS Duress and Lone Worker monitoring.

Connectivity

An extensive list of connectivity options for all types of solutions; Bluetooth 4.2 Low Energy, Wi-Fi 2.4GHz, NFC, Dual Nano-SIM, 3G/4G/4GX, GPS (A-GPS) & GLONASS

Dedicated PTT

The RG360 comes equipped with a dedicated Push-To-Talk tactile button and can be operated while the device is locked.

Dedicated SOS

A dedicated SOS button that when held in for 3 seconds sends an alert to all other units and the dispatcher connected to the fleet, while active opens the MIC allowing for hands free communication (HOT MIC SOS). An audio alarm and street level location is immediately displayed on the Dispatcher PC.

Ergonomic Friendly

With a small form factor and large sound from its front facing speaker, the RG360 fits comfortably in the operator's hand or pocket and only weighing 197g.

ToooAir

PTToC 3G/4G & 4GX LTE 98% Coverage	WiFi (2.4/5Ghz) Bluetooth 4.0 NFC & GPS
IP68 & MIL810G	5000mAh replaceable battery
Dual Nano SIM card slots	M5 13pin Speaker Microphone terminal
Loud front speaker 105dB	Dedicated PTT, SOS & Channel Knob

Ruggedized Smartphone with Dedicated PTT, SOS, Channel knob and GPS.

The RG725 is not just a ruggedized smartphone, its built for PTT operations with mechanical design and a form factor suited to gloved and wet hand operation.

Incorporating a large side PTT button, stubby antenna, rotary "channel" selector control and accessory interface for covert or speaker microphones (SM), the RG725 is fit for purpose specifically in the security industry.

The Android 8.1 (Oreo) Smartphone has an abundance of optional accessories including; Covert SM, Heavy Duty SM, Nylon Carry Case, Multi-Bay Charger and dedicated in-car cradles. An impressive list of mechanical and electrical features sets this product as a benchmark for Smartphone PTToC operations.

RG725

PTToC Network Features

Push-to-Talk
Large dedicated tactile side PTT button, SOS duress alert button and Channel Select knob, operable even when screen locked. Integrated ToooAir app facilitates One to Many and One to One communication and Group monitoring

Seamless Connectivity
3G/4G & 4GX LTE, Bluetooth 4.0 LE, NFC, Wi-Fi (2.4/5Ghz), M5 13 pin terminal, Dual Nano-SIM, USB-C Fast Charge & GPS.

Long Lasting Battery
Featuring a 5000mAh long lasting exchangeable battery, outstanding standby time of 420 hours and constant talk time of 12 hours.

Ruggedized
The unit surpasses MIL-STD-810G & IP68 requirements and remains fully functional in harsh environments including shocks, vibrations, drops, humidity and temperatures.

Video Streaming
Front and Rear cameras enable video streaming and photo upload to the ToooAir platform

Powerful Audio
The unit's front speaker can produce up to 105dB, that's the same noise as a sports event!

Bright Compact Torch
4x LED Torch (90 Lux)

ToooAir

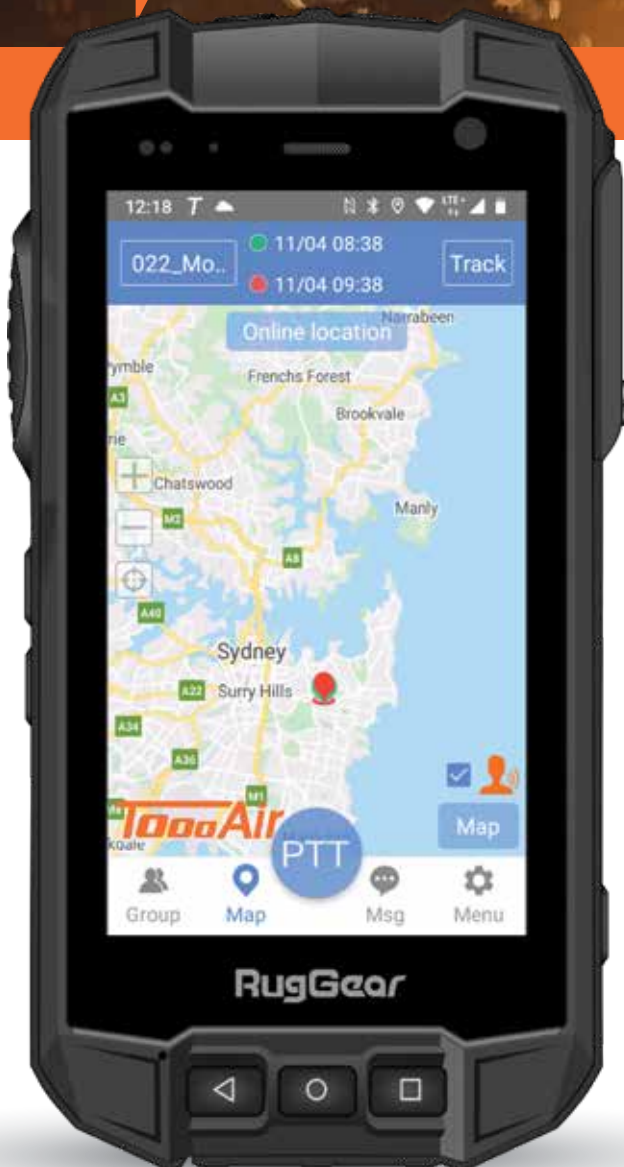|	
3G/4G/4GX LTE	WiFi (2.4/5Ghz), BT 5.0 LE, NFC & GPS
IP68 & MIL-STD810H	Android OS 9.0
3600mAh Exchangeable Battery	13MP Camera
2 Watt 32mm loudspeaker	13 pin accessory interface
High Performance Octa-Core CPU	Dual-Micro SIM card

Ruggedized Android Smartphone & PTToC Two-Way radio

The RG530 is a ruggedized and robust Smartphone for everyday usage and Push-to-Talk over Cellular Two-Way radio communication. With a powerful Octa-Core CPU for fast application performance, large side PTT button, 4.5″ outdoor readable display and 13 pin accessory interface for covert or speaker microphones, the RG530 combines everyday smartphone and Two-Way radio technology in the one device. Integrated with the ToooAir app enables the device to be operated like a traditional Two-Way radio. Ruggedized to MIL Spec 810 and ingress protected to IP68, the RG530 is ideal for operation in harsh and unforgiving environments.

PTToC Network Features

Push-to-Talk

Utilizing the ToooAir Push-to-Talk Application, the software not only offers PTT voice communication but full mapping integration so fleet users can have quick and easy visibility of all other users across the fleet. The RG530 device is enriched with the full feature set of the ToooAir platform including; Unlimited One-to-Many, One-to-One Private call, Group Call, Encrypted AES256 security, Audio & GPS recordings, Live fleet map tracking, SOS Duress and Lone Worker.

Dedicated PTT

The RG530 comes equipped with a dedicated push to talk tactile button, turning the ruggedized smartphone into a Two-Way radio and allowing one to many and one to one instant PTT communication.

Connectivity

USB-C, Bluetooth 5.0 Low Energy, Wi-Fi 2.4 – 5GHz, 13 pin accessory connector, Dual Micro-SIM, 3G/4G/4GX, GPS, GLONASS, Galileo, Beidou

Ruggedized

Ruggedized to military standard 810H and ingress protection rating IP68, the device feels uncompromising to accidental drops and water.

High Performance

An unwavering octa-core SDM660 CPU with 4GB of RAM sits at the heart of this unit. It can process multiple applications simultaneously while still maintaining additional operations.

Dedicated SOS

A dedicated SOS button sends an alert to all other units and the dispatcher connected to the fleet. Hot mic SOS when activated opens the MIC allowing for hands free communication. An audio alarm and street level location is immediately displayed on the Dispatcher PC.

RG530