



MST CRITICAL COMMUNICATIONS (PTY) LTD



COMMUNICATIONS NETWORKS
GUARDIAN
LOOKING AFTER YOU

Guardian provides MISSION and BUSINESS CRITICAL COMMUNICATIONS when and where you need them the most.

01 WHO WE ARE

MST Critical Communications is proud to offer you the Guardian Communications Solution.

MST Critical Communications has strategically aligned ourselves with a LTE Two-way radio manufacturer to ensure that we can offer future proof and flexible communication solutions. Guardian allows us, to offer you the customer, an immediate cost effective and endless voice and data communication solution.

By utilizing our extensive LTE and IP networks we can offer unique services to not just all first responders but all Mission or Business critical customers. As a value add we include access to our Guardian National Emergency Centre for all users on our Guardian Network Solution, where we connect you the user to SAPS, EMS and Fire Stations.

02 OUR SERVICES

- GSM / LTE / IP Solution or Traditional Two-Way Radio
- Redundant servers are hosted and monitored locally by our N.E.C (National Emergency Centre)
- Rental Options or Outright Purchase
- National and Regional Coverage
- Value Added Services
- Guardian National Emergency Centre
- 24/7/365 – Your communication solution is ready for collection at any time day or night



03 WHAT WE DO

LTE / GSM / IP or Two-Way Radio Solution – Whether your requirements are National or Regional, you can have radio communications at a fixed monthly rate. Guardian removes all historic Two-Way Radio communication barriers such as the cost of network infrastructure, geographical two-way radio limitations i.e. area of coverage, licensing limitations, time constraints, the costs of spectrum and propagation studies and the list goes on . . .

The Guardian Solution utilizes National GSM / LTE / IP and Two-Way Radio Networks for communication. Similar to two-way radios, broadcasts can be made to everyone on the network, but with Guardian national users can now communicate one-on-one, one to many or in broadcast groups.

Radio terminals can be monitored and tracked using the Guardian Dispatching and Tracking software as well as the Guardian Mobile Application, know where your asset is always.

The Guardian Network Solution offers a 24/7/365 service. If for any reason there is a fault with your radio there is no need to wait until normal operating hours, our Guardian National Emergency Centre will have a replacement radio ready and waiting for you to collect 24/7/365.

Guardian is a simple, yet effective application which can be incorporated into almost any modern-day communication requirement.

MST Critical communications has access to a wide variety of technologies, that enable us to ensure that your mission or business critical communications are right for you and your organization. N.E.C. (NATIONAL EMERGENCY CENTER)

Just in case you ever find yourself in a situation where you need outside help, just one click to get to our N.E.C and there is a GUARDIAN to look after YOU 24/7/365.

Features of the Guardian Terminal:

- Group Call / Private Call
- Voice Broadcast
- WiFi Enabled
- Android App
- IP54
- GPS – Tracking
- Dispatcher Software





FEATURES & FUNCTIONALITY

Half & Full Duplex private voice call

The half-duplex private voice call function allows users to establish or release a call, manage the floor, limit call time, and identify the speaker. In Full duplex receive ringtone and / or answer reject a call.

Panic /SOS Function

Terminal will alert all other radios if in distress.

Recording

Terminals are able to record the last conversation and allow for group and private calls.

Real-time short data

It receives and sends short data between two terminals or between a terminal and the dispatch console.

Android Mobile Application

This application is available with dispatch functionality, it allows to change between groups, do selective private or group calls, track radios via GPS, send and receive multimedia pictures, check & record voice recordings.

Multimedia message

Texts and pictures can be transmitted between two terminals, between a terminal and the dispatch console, or in a group.

Dispatch

It dispatches, or cancels the dispatch of, groups or users, in which case the dispatch console dispatches groups or users to, or deletes them from, DAC screens.

Kill / Stun / Revive

The kill, stun, and revive functions allow the dispatch console to activate or deactivate the specified terminal. After a terminal is stunned, it can be revived only by the authorized dispatch console. After the revival succeeds, the terminal is back to normal status and responds with a confirmation message. After a terminal is killed, it cannot perform any operation or be revived through any message generated by the air interface.

Dispatcher Priority

An authorized dispatch console joins an ongoing group call and obtains the floor of the group call. When the dispatch console exits from a group call, the group call continues.

Voice recording

The dispatch console supports voice recording.

Emergency call alarming

The dispatch console can receive emergency call alarms and join emergency calls.

Real-time location indication & Historical Track query

It supports the positioning of users, groups, and vehicles.
It allows users to query historical tracks.

Marquee, Ranging, Geo-fencing, and path deviation alarming

Android Mobile ApplicationIt supports marquees on the map. It supports ranging between two points or multiple points on the map. It supports E-fencing and raises an alarm when entering or leaving the fence. It raises path deviation alarms.

Voice & Video storage

It supports global storage and playback of user audio and video data.



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