



Simoco P25 Digital

Your Partner in Public Safety Communications



Embrace the future with P25 Phase 2



Multi-mode digital platform featuring P25 Phase 1 and 2, DMR, Analogue and MPT1327



Customised solutions tailored for your organisation



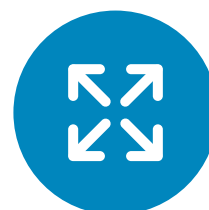
Greater coverage and capacity



Backward compatible with P25 Phase 1 terminals



Improved operational efficiency



Government Radio Networks (GRN)



P25 Phase 2 Digital Mobile

Connectivity redefined, possibilities expanded.

Features

- P25 TIA-102 standards compliant
- P25 Phase 1 and 2 compatibility
- The screen layout and menu are based on the proven SRM9000 P25 series mobile radio for an easy user migration
- 3200 radio channels
- Flexible GPS Location Service options
- Multi-mode radio platform capable of Analogue, P25, DMR and MPT1327
- Compatibility with Simoco Velocity® for custom IoT and applications
- Integration with PTTToC Velocity® applications
- Single Control Head multiple transceiver option
- Dual Control Head single transceiver option
- Large SDM630 console LCD display
- Hand Held Controller option



SDM622



SDM630

SDM600



P25 Digital Solutions

Emergency services rely on resilient radio systems with coverage in harsh conditions and remote often inaccessible areas. Simoco Wireless Solutions' consultative approach means that emergency services agencies such as police, fire and ambulance benefit from radio systems that work according to their operational requirements. Our extensive P25 product range is trusted by public safety agencies across the world.

- Simoco P25 radios, infrastructure and AVL systems provide affordable, robust communication and tracking solutions with a wide range of options and functionality.
- Unique Xmode software and configuration upgradability, enabling multiple radio modes such as PMR, TMR, analogue and digital trunking from a single terminal.
- P25 upgradable option offers users a clear migration path.
- Intelligent IP enhanced infrastructure, which is easy to deploy, expand and manage.
- Simoco simulcast infrastructure incorporating both the RF transmitter / receiver and the simulcast voting controller.
- P25 Automatic Vehicle Location (AVL) package provides GIS based vehicle tracking and fleet monitoring.



P25 Digital Portable

The compact, ruggedised design of the SRP9180 portable radio makes it the perfect handheld radio for mission critical users in the most demanding of environments.

- Unique Xmode software and configuration upgradability, allowing operation on analogue, MPT1327 trunking, P25 conventional and P25 trunking systems.
- Supports conventional, trunking, voting, status and short messaging.
- Ruggedised, robust construction for demanding field use.
- Supports 3200 P25 conventional channels and up to 5 programmable P25 trunked networks.
- IP67 rating offers protection against dust and water.
- DES-OFB and AES Digital encryption supported.
- Highly programmable function buttons.
- Safety and emergency functions such as Stun, GPS/Man Down and Emergency Alarm.
- Multi-vendor compatible accessory connector supports current generation or legacy accessories.



SRP9180



P25 Digital Mobile

The SRM9000 mobile radios have evolved to address the needs of the emergency service markets with a high level of functionality and customisation.

- Unique Xmode software and configuration upgradability, allowing operation on analogue, MPT1327 trunking, P25 conventional and P25 trunking systems.
- Ruggedised, heavy duty construction for reliability in all vehicle types.
- Multiple choice of control head or control microphones depending on user requirements.
- DES-OFB and AES digital encryption supported.
- Safety and emergency functions such as Stun, GPS and Emergency.
- Supports dual control head single radio or single control head dual radio configurations.
- In band or cross band repeat options.



SRM9000

Common Transceiver

All mobile units feature a common transceiver platform which enables multiple control heads.

- SRM9022 – 1500 channel controller microphone with multi-line, numeric keypad and six function keys.
- SRM9030Plus control head – 1500 channel console with multi-line display, numeric keypad and six function keys.



SRM9022



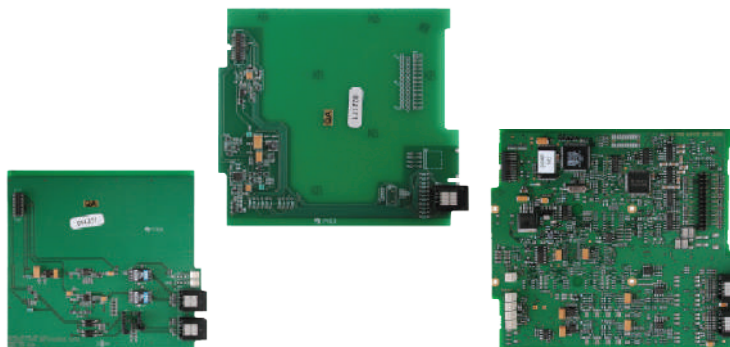
SRM9030plus



P25 Option Boards

For systems or special applications, a range of SRM9000 Option Boards can be fitted. These include:

- GPS Tracking Board.
- Audio/Serial External Interface.
- Balanced 600 Audio Interface.
- Dual Mobile Repeater (Dual Mobile Application Processor - DMAP).



Control Head Options



SRM9022

In a choice of four different colours

OR



SRM9030Plus control head & control Mic

Option of standard or keypad mic

WITH



SRM9000 Radio Transceiver



P25 Base Solutions

Simoco Wireless Solutions has a range of base stations to meet all P25 Conventional system needs. From a single talk-through repeater to a wide area P25 simulcast and voting network, the SB2025NT series is the scalable solution.

SB2025NT-C

A basic talk-through repeater capable of operating in dual analogue and digital modes housed in a compact 3.5 inch subrack.

SB2025NT-T/N

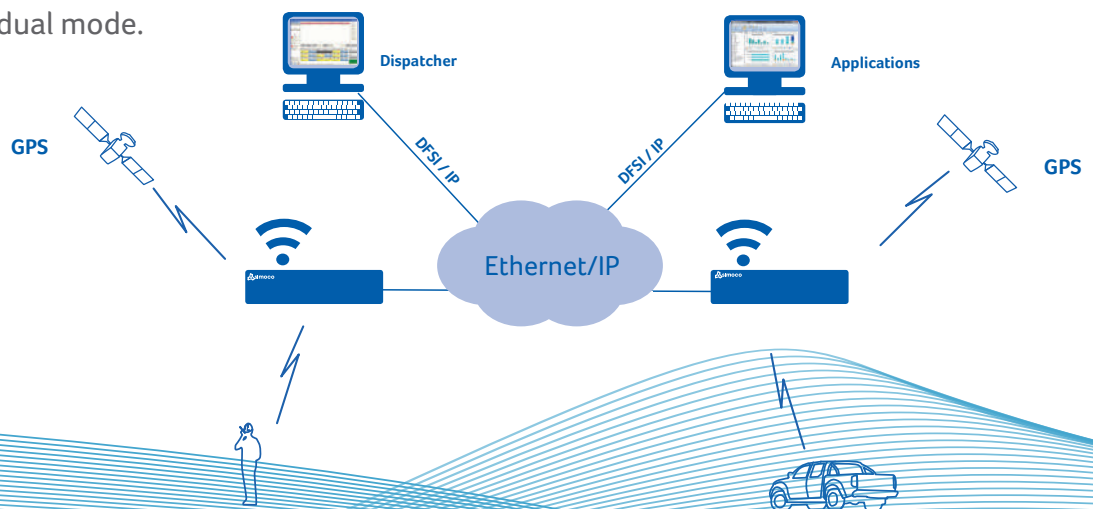
For network applications, the SB2025NT-T/N features an integrated P25 simulcast and voting controller in a networkable 3.5 inch high subrack. The P25 standardised DFSI interface allows the SB2025NT-T/N to interoperate with several vendors' dispatch consoles. All bases use an IP interface for intersite linking.

SB2025NT-T/N Features

- Digital fixed station interface (DFSI).
- IP network interfaced 4 wire console interface.
- Multiple Traffic Managers for system redundancy.
- Compact all in one form factor.
- IP site interconnected.
- Fast call setup.
- Wide range of bands available.
- 100 Watt transmitter.
- Each traffic manager supports up to 32 stations and 4 simulcast channels.
- Analogue and digital dual mode.



SB2025NT-T/N Network



P25 Rapid Repolyment Suitcase Repeater

The Simoco SRB250 Suitcase Repeater is a flexible and fully customisable platform for rapid deployment or transportable mobile applications. The SRB250 provides stand alone “green field” communications or extends existing Public Safety systems, as well as offering deployable “on demand” coverage for vehicle and portable radio users in VHF, UHF, or both, in P25 mode.

Features

- Ruggedised P25 repeater
- Rapid deployment
- P25 transparent repeat function, repeats encryption intact, regenerates P25 frames
- Inbuilt duplexer
- Simple deploy and repeat mode (single button, closed box)
- High duty cycle operation with open lid, generously heat sunk power amplifier
- 25 Watt transmit power
- Battery state of charge LED indicators



All specifications are subject to change without prior notice.

Contact Us

Field House
Utttoxeter Old Road
Derby
DE1 1NH
Tel: +44 (0) 1332 375 500
info@simocowireless.com

AUS HQ

1270 Ferntree Gully Rd
Scoresby, VIC 3179
Tel: +61 (0) 1300 363 607
Fax: +61 (0) 3 9730 3964
inquiry.aus@simocowireless.com

www.simocowirelessolutions.com



simoco

wireless solutions