

# radio comms

asia-pacific



**SIMOCO**  
P25 *it's* Digital

PF24734300004



on the cover

**T**MC Radio is currently launching its range of Simoco P25 digital radios. The first in the market are the SRM9022 P25 mobile and the SRP9100 P25 portable models.

The radios are aimed primarily at the public safety market, where reliable and secure communications are of the utmost importance.

Public safety organisations are demanding better results from their communication systems.

Created by and for public safety professionals, APCO Project 25 (P25) is a standard for interoperable digital two-way wireless communications products. P25 is gaining worldwide acceptance for public safety, security, public service and commercial applications and TMC Radio is part of its future.

The major advantages of P25 are to allow effective, efficient and reliable communications between organisations. The equipment will be user friendly even under adverse conditions and with minimal training. P25 will improve spectrum efficiency and audio quality but overall it gives organisations the freedom to choose from a wide range of products and features.

TMC Radio has designed a scaleable radio transceiver platform with software-defined functionality and a range of control heads and options to suit the most demanding applications.

The SRM9000 and SRP9100 series are multi-mode models, which operate Digital P25, MPT1327 trunking and analog PMR modes all in one package.

The 9000 command options include a range of handheld controllers through to a full-featured dash mounted control head.

The 9022 handheld controller mic and 9030 control heads both have displays suitable for text despatch applications.

The Simoco 9022 has a rugged and reliable, easy-to-use, fully-featured keypad microphone. This unit comes with a multi-line graphic display menu, allowing users fast access to information in critical situations. The Simoco range of transceiver option boards caters for customised systems where specialised interfacing or functionality may be required.

The P25 digital radios operate in conventional mode, P25 mode and analog FM mode. Radio channels are organised in groups of 16 per zone. Up to 64 zones may be defined.

Generally, zones will be programmed with channels belonging to common functional groups.

The radio has the advantage of improved and consistent speech quality with efficient digital encoding for better use of the spectrum. Radio users can be part of informed talk groups or be individually called with high quality audio conveying information about a situation.

Security of information is also enhanced, with intrinsically DES-OFB and AES standards making it difficult for unwanted listeners to eavesdrop on private conversations.

The P25 mobile and portable complement the range of Simoco mobiles and portables. This gives users the opportunity to upgrade their communications and employ the latest digital technologies when required.

TMC Radio develops and maintains all its software in Australia. This offers users endless possibilities to individualise their radio systems.

Today, many organisations now require P25 compliance before authorising the purchase of new equipment.

If your organisation requires first response communications let TMC Radio and its Simoco P25 mobile and portable radios take you into the future.

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