

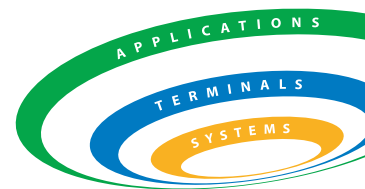
PROFESSIONAL TWO-WAY DIGITAL RADIO

FLEXIBLE SYSTEMS THAT
GROW WITH YOUR BUSINESS



sepura

Going further in critical communications





Professional digital radio gives you low-cost, high-quality voice and data communication on your own private network.

High-power, licensed transmission allows you to communicate over longer distances, in a dedicated part of the radio spectrum. This provides defined coverage and ensures capacity, even in disasters, when mobile phone networks may become jammed.

INCREASED CAPACITY

Time-Division Multiple-Access (TDMA) technology divides existing analogue channels into two timeslots, instantly doubling the number of users on the network, or providing an extra channel for data communications, with no need for an extra licence.

When multiple talkgroups are assigned to a single timeslot, Sepura Tier II Dynamic improves system efficiency by allocating calls to a free slot, rather than waiting for a pre-allocated slot to become available.

LOWER OPERATING COSTS

On your private network, there are no call costs to pay and dedicated spectrum means you'll still be able to communicate – even in emergency situations when commercial networks are overloaded or fail.

STANDARDS-BASED

Our digital radio networks are fully compliant with the European Telecommunications Standard Institute's (ETSI) Digital Mobile Radio (DMR) standards, ensuring choice and long-term supply for users and interoperability amongst products from participating manufacturers.



Going further in critical communications



IMPROVED EFFICIENCY, ENHANCED WORKER SAFETY

Specially designed to save you time, money and effort, our range of apps streamlines essential processes, helping to keep your staff safe and increasing productivity. Data transmission reduces the need for voice calls, conserving valuable bandwidth, and gives fast access to critical information when you need it most.

Applications such as Lone Worker and Man-Down – which raises an emergency call if the user becomes incapacitated – can be combined with GPS to promote swift assistance of staff in difficulty.

For dispatchers, SICS eXpress provides GPS mapping of radio users; configuration and management of terminals in the field; and comprehensive call management, all via an intuitive user interface.

LONGER BATTERY LIFE

Workers on extended shifts will appreciate the prolonged battery life that digital radios offer, up to 16 hours on a standard duty cycle.

WORLDWIDE SUPPORT

Our global network of offices and dedicated support teams ensure that help is at hand whenever you need it.

EASY ANALOGUE-TO-DIGITAL MIGRATION

Our DMR terminals are able to interoperate with a wide variety of existing analogue systems – including CTCSS, DCS, 5-Tone and MDC-1200 operating in bandwidths of 12.5, 20 and 25kHz – making them a logical upgrade for users considering a move to a conventional DMR system.

For users with existing MPT1327 systems, our trunked solutions can provide a seamless migration, allowing users to talk across multiple protocols with no need for dispatcher involvement.

ROBUST RADIOS, CRYSTAL CLEAR AUDIO

Digital communication ensures consistent voice clarity right up to the edge of coverage. And with 45W of RF power, improved noise rejection and enhanced error correction, our robust radios provide clear, loud audio, even in high-noise environments.

Dustproof, waterproof and submersible, our hand-portable radios are tough enough to withstand the most challenging day's work, and can be combined with a wide range of accessories to ensure comfortable use.



MULTI-SITE COVERAGE

Linking up to 32 repeaters via a standard IP network, Site Link expands the capability of your Tier II system, extending coverage into black spots and allowing you to talk effortlessly to colleagues at remote locations, country- or even worldwide.

On enabled radios, roaming is automatic and allows workers to move seamlessly between sites with no need to change talkgroup or channel.

Site Link can also connect users on different frequency bands (UHF/VHF).

DIGITAL TRUNKING

For operators looking to move beyond conventional radio systems, our Tier III digital trunking provides a scalable solution, supporting up to 50,000 users across a single site, multiple sites or a country-wide network.

The advanced back-end management software provides in-depth control of all aspects of the radio network, including subscribers.

TIER II CONVENTIONAL DIRECT MODE	TIER II CONVENTIONAL REPEATER MODE	TIER II DYNAMIC SITE LINK REPEATER MODE	TIER III TRUNKED MULTI-SLOT	
✓	✓	✓	✓	FAILSAFE OPERATION
✓	✓	✓	✓	REMOTE SYSTEM SOFTWARE MANAGEMENT
				ROAMING BETWEEN SITES
Short Range	1	32	1024	REPEATER DATA INTERFACE
				DISPATCHER SOFTWARE
				ETSI OPEN STANDARD
				CALL TRAFFIC DENSITY
				NUMBER OF SITES

FULLY SCALABLE SOLUTIONS

The Sepura Group is a global leader in the design, manufacture and supply of digital radio products, systems and applications for business and critical communications.

A market leader in over 30 countries, we're at the forefront of digital radio technology, and trusted by globally recognised entities such as FIFA, CERN, Disney, Audi and Shell, as well as some of the world's most prestigious public safety organisations.

From TETRA and DMR to P25 and LTE, our solutions encompass rugged and reliable radios; a network that's solid, powerful and easy to deploy; applications to boost organisational efficiency; and one of the broadest ranges of support tools and accessories on the market.

The Sepura Group comprises Portalify, Fylde Micro and, now, the advanced systems capabilities of Teltronic and PowerTrunk.

- **Over 1 million radios in operation in over 100 countries**
- **Market leader in over 30 countries**
- **TETRA, DMR, P25, LTE**





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YOUR APPROVED SEPURA DMR RESELLER



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