

New P25 Multiprotocol Portable Radio from Tait Communications Promotes Safer Communities with DMR Interoperability

A new portable from Tait provides improved communications between public safety and other organizations, enabling efficient coordination and safer communities.

CHRISTCHURCH, CANTERBURY, NEW ZEALAND, March 27, 2024 /EINPresswire.com/ -- A new portable radio from [Tait Communications](#) provides improved communications between public safety and other community organizations, enabling rapid, efficient coordination and making our communities safer.

The new TP9900 rugged portable radio from Tait is designed to easily connect communities where the local law enforcement and other first-responder agencies are using a radio standard called P25 while other organizations such as schools and universities, airports, highway control, utilities and public transport providers are using a radio standard called DMR. This mix of land mobile radio technologies is common in North America and Asia Pacific.

A further complication to widespread interoperability is that different user groups often will be operating on different radio frequencies. For example, now a police force can set up a fleet of TP9900 portable radios so its officers can talk to the security teams, teachers and administrative staff at all schools in their district, as well as talk to neighboring police and other first-responder agencies such as ambulance and fire.

That's because the new TP9900 is built to speak in three radio "languages" (P25 and DMR digital as well as in analog) and can access a wide spectrum of radio frequencies. In industry-speak it's



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called [multiprotocol, multiband](#).

Tait Communications Product Manager Bob Shephard says, "Our focus has been to keep the operation simple for users, changing between P25 or DMR or VHF or UHF is as easy as changing channels. Customers don't need to worry about which frequency or protocol the radio uses, and can just focus on which channels are the right ones for different groups of users or situations."



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Bob Shephard, Tait Product Manager

The portable radio also includes features such as Over-The-Air-Programming (OTAP) and Over-The-Air-Rekeying (OTAR) for encryption management and is configurable to operate on any combination of VHF, UHF and 700/800MHz and 900MHz spectrum bands.

The TP9900 is being demonstrated at IWCE 2024 in Orlando, Florida, March 27-28, and will be available from mid-2024.

Seamless Multiband Performance: Connect across all your bands from one dynamic portable. The TP9900 Multiband Portable is configurable to operate on any combination of VHF, UHF and 700/800MHz and 900MHz bands. Flexible and simple ordering and deployment of single, dual, and multiband operation at time of purchase. Bands are not locked and can be reconfigured at any time.

[Rugged, Lightweight, Ergonomic Design:](#) Experience the lightest P25 & DMR multiband portable radio on the market with high-capacity battery and compact design. Bridge communications between agencies, or roam between network coverage areas, without the need for several bulky devices. The TP9900 features an enhanced ergonomic radio grip and controls for easy operation with or without gloves. The distinct radio controls can be easily adjusted by officers without needing to look down.

Full Featured P25 and DMR Capabilities: Over-The-Air-Programming (OTAP) makes it easier to optimize and upgrade your fleet features without having to physically connect to each radio. OTAP is supported over P25 and DMR trunked networks, or WiFi can be used to program radios that operate in any mode - conventional or trunked, analog or digital.

The TP9900 shares the same features as TP9600 and TP9800 P25 portables, such as Over-The-Air-Rekeying (OTAR) for encryption management via conventional or trunked P25 networks. The TP9900 also shares the same features as TP9500 and TP9700 DMR portables - DMR Tier 2 conventional is a standard feature and DMR Tier 3 Trunking is optional. MPT1327 capability also comes as standard for connection to any older analog trunked systems. All TP9000 series portables share the same audio accessories, batteries and chargers, making it

easier to upgrade radios and retain existing accessories, or to operate a fleet with a mix of TP9000 models.

Why Choose TP9900 Multiprotocol Multiband Portables? The TP9900 features the same Tait Tough build, connectivity options, enhanced work safety, and exceptional audio that our clients expect from the Tait 9000 series, with added P25 & DMR multiband capability in one portable.

Want to know more? Features and details on Tait TP9900 Multiband Portables can be found on the Tait website www.taitcommunications.com and follow Tait Communications LinkedIn or Facebook for more updates on this exciting product.

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