

ESSENTIAL TEAM COMMS

Tait Open2

**SIMPLE. FLEXIBLE.
WORKS WITH YOU.**

tait
communications



KEEPING YOU SAFE AND ON-MISSION

Unleash your team's potential with fit-for-purpose, critical communications solutions from Tait Communications.



For more than 50 years, Tait Communications has been designing, delivering and supporting critical communications networks for customers around the world.

Tait Communications helps teams stay safe and on mission when the pressure is on. From comprehensive radio networks with advanced data capabilities to support and managed services, you can trust Tait. Designed and engineered at our global headquarters in Christchurch, New Zealand, we put team safety at the top of our agenda day in, day out.

We believe we can make the world a safer, better and more efficient place and we're always looking for new ways to improve the lives of our customers and the communities they serve. This is a testament to our commitment to innovating within open standards, providing unmatched interoperability and better safety outcomes.

TAIT OPEN2 SOLUTIONS

WHY CHOOSE TAIT OPEN2?

Tait Open2 delivers essential team communications in a reliable solution designed to work with you.

SAFER, MORE PRODUCTIVE TEAMS

High performing teams don't compromise on communication. Tait Open2 radios cut through noise and distance, keeping messages clear so staff can work quickly and safely.

WORKING WITH YOU

Tait supports its solutions through a growing network of trusted partners and dealers. Together, we will work with you to deliver the right communications solution for your organization.

SIMPLE AND AFFORDABLE

Tait Open2 solutions are designed to be easy to install, use, and maintain, with transparent pricing that keeps you free from unexpected costs.

BUILT TO LAST

When communication supports daily work and safety, quality matters. That's why Tait Open2 radios are built to high standards – rugged, reliable, and ready for tomorrow's challenges.

TAIT OPEN2 SOLUTIONS CAN INCLUDE:

- » Portable radios & accessories, including Bluetooth®
- » Mobile radios
- » Network infrastructure
- » Repeaters for expandable coverage & capacity
- » Worker Safety Automation (Lone Worker)
- » Location Services options
- » Services options
- » DMR Tier 2 or conventional analog mode

WHY CHOOSE DMR OPEN STANDARD SOLUTIONS?

Digital Mobile Radio (DMR) is an open standard that enables a multivendor ecosystem of compatible equipment and applications.

FREEDOM OF CHOICE, VALUE FOR MONEY

Open standards protect your freedom to choose the vendors, devices and applications that best meet your needs and budget, delivering value for money from competitive procurement and throughout the life of your investment.

DMR TIER 2 AND TIER 3 STANDARDS

Tait provides a range of solutions for the two professional tiers defined by the DMR standards:

- » Tier 2 Conventional
- » Tier 3 Trunking

In DMR Tier 2 conventional systems, radio users manually select the channel they need, and wait if the channel is busy. These systems are much simpler and ideal for smaller teams with straightforward communication needs.

In DMR Tier 3 trunked systems users are automatically assigned the first available channel, which is ideal for busy networks with multiple work groups. DMR Tier 3 systems also enable a range of advanced functionality to effectively manage sophisticated voice and data features.

Over many years, Tait has earned a reputation for genuine commitment to standards-based solutions that benefit our customers. Tait Open2 is based on the DMR Tier 2 open standard, enabling compatibility with products from other vendors that follow the same standard.

Tait OpenDMR




Essential
Reliable solutions for small and medium operations
DMR Tier 2 Conventional

Tait Open2



Enhanced
High capacity solutions for small and medium operations
DMR Tier 3 Trunking

Tait OpenTrunk

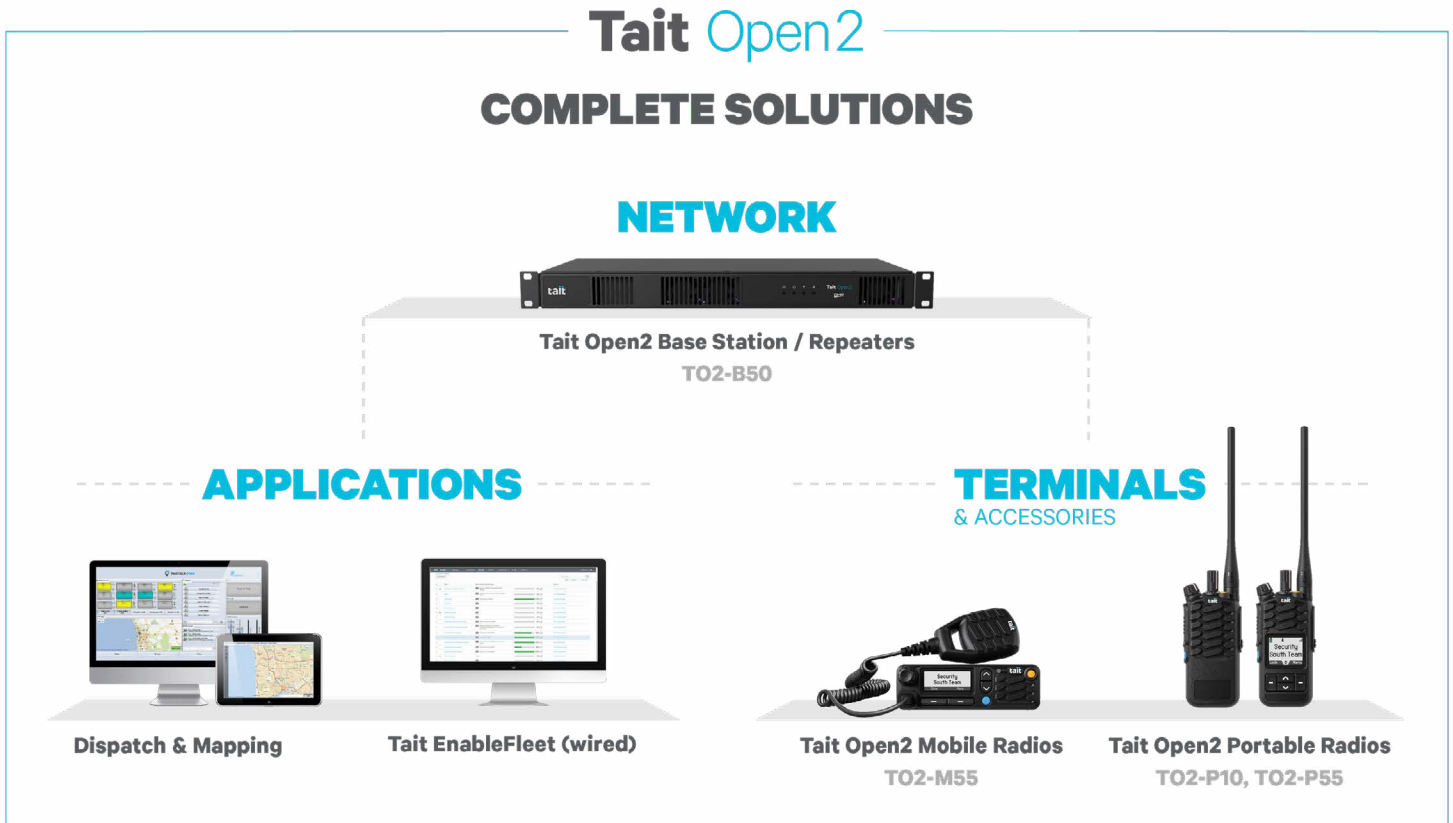


Advanced
Full-featured solutions for specialized, high-risk or mission-critical operations
DMR Tier 2 or 3

Tait OpenPeak

Teams across a wide range of industries choose Tait Open2 for effective communication solutions, including:





Tait Open2 supports a range of compatible applications to help you connect with and manage your workforce, enabled by the DMR standard Application Interface Specifications (AIS).

LOCATION SERVICES OPTIONS

Tait Open2 supports outdoor location services using the open standard DMR AIS. Choose a compatible mapping application, including solutions from Tait Technology Partners, to view location information reported from radios to the network.

The Tait Open2 portable (TO2-P55) has a built in GNSS receiver and antenna. The Tait Open2 mobile (TO2-M55) has an optional GNSS accessory.

EASY FLEET MANAGEMENT OPTIONS

As your business grows or your needs change you can easily adapt your communications to improve your operations. When connected to Tait EnableFleet (wired), you can easily change radio settings or upgrade to the latest software features.

SERVICES OPTIONS

Tait works with our dealers to deliver services that ensure connectivity and availability of communications networks.

We will work with you to design the right solution for your needs and budget, backed by industry knowledge and local expertise your team can rely on.

Services options include coverage design and verification, installation, commissioning and support.

TAIT OPEN2 SOLUTIONS
PORTABLE RADIOS

Tait Open2 portables deliver the essential communication capabilities with excellence.

With loud, clear audio and instant push-to-talk connection, Tait Open2 portables are a great choice for teams looking to streamline their communications with reliable two-way radios.

The TO2-P10 is the most affordable option for teams needing essential functionality in a high-quality DMR Tier 2 device. For those who would appreciate a color screen and keypad, the TO2-P55 provides additional functionality with built-in Bluetooth and GPS.

Whether you need simple radio-to-radio communication or extended coverage through a base station, Tait Open2 portables are built to perform.

PROTECTING WORKER SAFETY

Lone Worker is a standard feature that can send automated safety alerts and can combine with location data. The programmable emergency button can also be used to activate safety alerts among the selected group.

FREEDOM OF CHOICE

Tait proudly supports and contributes to the Digital Mobile Radio (DMR) open standard ecosystem. Open standards enable multivendor compatibility, giving you more freedom of choice and value for money throughout the life of your investment.

RUGGED, COMPACT DESIGN

Tait Open2 portables are certified IP68 dust and waterproof and built to deliver reliable performance year after year. Their compact design makes them comfortable to hold, wear and use, suitable for industries ranging from hospitality to construction.

Full technical specifications can be found inside the [Tait Open2 Portables Brochure](#).

FEATURE HIGHLIGHTS	TO2-P10	TO2-P55
Rugged design	•	•
IP68 dust and water-proof	•	•
Emergency button	•	•
Emergency calls and alerts	•	•
Lone Worker for peace of mind	•	•
2 programmable buttons	•	•
DMR Tier 2 conventional digital	•	•
Conventional analog	•	•
Voice privacy with ARC4 encryption	•	•
Full shift battery life	•	•
Compatible with Tait EnableFleet (wired)	•	•
Antenna rings for color options	•	•
Color display		•
User friendly keypad		•
Bluetooth®		•
Built-in GNSS (e.g. GPS)		•



TO2-P10

TO2-P55



TAIT OPEN2 SOLUTIONS **AUDIO ACCESSORY OPTIONS**

The right audio accessories can help you do your job more safely and effectively.

Whether your team operates in a particularly noisy environment, or has a need for covert communications, Tait offers a range of audio accessories to make sure voice calls get through loud and clear.



Headsets



Bluetooth® PTT & Earpiece



Speaker Microphones



Earpieces

BATTERY CHARGERS



Single Charger

Refer to the [Tait Portable Options and Accessories](#) catalog for more information.

TAIT OPEN2 SOLUTIONS
MOBILE RADIOS

Stay connected while moving between jobs and locations with Tait Open2 mobiles.

Designed for vehicle use, Tait Open2 mobile radios deliver loud, clear audio and instant push-to-talk connection to help teams stay reliably connected on the move.

The Tait Open2 mobile (TO2-M55) is ideal for teams needing essential functionality in a high-quality DMR Tier 2 device.

PROTECTING WORKER SAFETY

Lone Worker is a standard feature that can send automated safety alerts and can combine with location data. The programmable emergency key can also send these safety alerts manually.

FREEDOM OF CHOICE

Tait proudly supports and contributes to the Digital Mobile Radio (DMR) open standard ecosystem. Open standards enable multivendor compatibility, giving you more freedom of choice and value for money throughout the life of your investment.

RUGGED, USER-FRIENDLY DESIGN

Tait Open2 mobiles are certified IP54 dust and water resistant and built to deliver reliable performance year after year. A color display and user-friendly controls make this radio a pleasure to operate.

FEATURE HIGHLIGHTS	TO2-M55
Rugged design	•
IP54 dust and water resistant	•
Color display	•
User friendly controls	•
Emergency button	•
Emergency calls and alerts	•
Lone Worker for peace of mind	•
2 programmable buttons	•
DMR Tier 2 conventional digital	•
Conventional analog	•
Voice privacy with ARC4 encryption	•
Compatible with Tait EnableFleet (wired)	•
Optional GNSS (e.g. GPS) hardware	•



TO2-M55

Full technical specifications can be found inside the [Tait Open2 Mobile Brochure](#).



TAIT OPEN2 SOLUTIONS MORE COVERAGE & CAPACITY

Expand communications where your teams need it most, with Tait Open2 base stations.

As teams spread out and radio use increases, communications systems need to support both wider coverage and higher call volumes. Without the right infrastructure, coverage gaps and busy channels can limit coordination and access to timely support.

The Tait Open2 base station (TO2-B50) is ideal for teams needing more coverage and capacity, delivering essential functionality in a high quality DMR Tier 2 device.

EXPANDED COVERAGE

Tait Open2 base stations offer a cost-effective way to expand radio coverage, keeping teams connected and safe across your operation.

MORE CAPACITY

For busy work sites with multiple teams that need separate simultaneous conversations, you can increase capacity and channel availability by adding multiple Tait Open2 base stations at each site.

CHANNEL SECURITY

Tait Open2 base stations support subscriber access restriction to prevent the unauthorized use of the channel. This level of security is not offered in direct mode operation.

RESILIENT OPERATIONS

Tait Open2 base stations support redundant control functionality, including High Availability, to help reduce disruption during unexpected issues.

SYSTEM CONTROL OPTIONS

The Tait Open2 base station supports two options for the deployment of a channel controller:

- › Base station channel controller
- › Server channel controller

For Tait Open2 systems with 1–9 sites, essential network functionality can be hosted directly on Tait base stations with a base station channel controller. This eliminates the need for an external server, making the solution simpler and more affordable.

For DMR Tier 2 systems with 10+ sites or requiring integration with external applications (such as dispatch consoles and voice recording systems), a server channel controller is an effective solution.

Full technical specifications can be found inside the [Tait Open2 Base Station Brochure](#).

IDEAL FOR SINGLE SITES
WITH 1 RF CHANNEL



EXPANDABLE MULTISITE
WIDE AREA COVERAGE



TO2-B50



NEED SOMETHING MORE?

Tait Open2 is designed to deliver essential, reliable team communications for small to medium operations. But as teams grow or operational complexity changes, some organizations need additional capability to manage higher demand more effectively.

Built on the same open standards foundation, Tait OpenTrunk provides a DMR Tier 3 trunking solution designed for busier operations, with automatic channel allocation for users, advanced features, more security and future scalability. This solution is well suited to organizations that have outgrown conventional systems or are planning for future expansion.

To explore advanced capabilities including DMR Tier 3 trunking, simulcast or other frequency bands, please explore the full range of [Tait OpenDMR solutions](#).

WE GO BEYOND FOR A SAFER WORLD.

**CONTACT YOUR LOCAL DEALER
FOR MORE INFORMATION
TAITCOMMUNICATIONS.COM/CONTACT**

Tait has taken every care in compiling this brochure, but we're always innovating and therefore changes to our models, designs, technical specifications, visuals and other information included in this brochure could occur. For the most up-to-date information and for a copy of our terms and conditions please visit our website.

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