

# OPEN ECOSYSTEMS & CONVERSATIONS



**Tait** OpenDMR


**HIGHLY FLEXIBLE.  
EXCEPTIONALLY RELIABLE.**

**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 public safety, transportation, mining, oil, and gas, and utilities customers around the world.

Tait Communications helps you stay safe and on mission when the heat is on. From comprehensive radio networks with advanced data capabilities, to support and managed services, you can trust Tait. Built with Kiwi ingenuity in Christchurch, New Zealand, we put your 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 through our commitment to open standards, interoperability and better safety outcomes.

Tait solutions are customizable, versatile, flexible and built for every challenge. We uphold the principle of our founder, Sir Angus Tait:

**“ IF IT CAN SAVE A LIFE, MAKE IT TOUGH ENOUGH TO SURVIVE ANYTHING. ”**

## WHY CHOOSE TAIT OPENDMR?

**Backed by decades of experience, Tait OpenDMR solutions are highly flexible and scalable, with a range of capabilities to suit any size of organization.**

### PROVEN EXPERIENCE

Tait has decades of experience in critical communications, serving customers all around the world:

- › Airports and city transportation systems such as Brisbane Airport in Australia and Transport for London in the United Kingdom
- › Electricity, water & gas utilities such as Alliant Energy in the United States, EVN Bulgaria and Gippsland Water in Australia
- › Mining, oil and gas operations such as Boddington gold mine in Australia, Zinkgruvan in Sweden and EP Petroecuador in Ecuador
- › Public safety agencies such as Junta de Andalucia in Spain
- › Manufacturing facilities such as Silver Fern Farms in New Zealand

Tait has been designing, deploying and supporting complete, integrated DMR solutions since 2012 and continues to innovate to deliver more for our customers.

### HIGHLY FLEXIBLE, MAXIMUM RELIABILITY

Tait solutions are flexible, tailored to suit your needs and designed to evolve as your operation grows and changes over time. High quality devices and High Availability options help support system resilience.

### BROADBAND INTEGRATION

Your Tait critical communications solution can be expanded with a range of broadband capabilities, integrating cellular and Wi-Fi network coverage and devices with your Tait solution.

### WHY CHOOSE DMR OPEN STANDARD SOLUTIONS?

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

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

### 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.

TAIT OPENDMR  
**WHAT IS TAIT OPENDMR?**

**Tait OpenDMR is the overarching brand representing the complete Tait portfolio of digital mobile radio (DMR) solutions.**

TAIT OPEN2

Tait Open2 delivers essential team communications for small and medium sized organizations in a simple, affordable DMR Tier 2 solution. Tait designed and engineered, Tait Open2 products deliver value for money through high quality, reliable equipment at competitive prices.

TAIT OPENTRUNK

Tait OpenTrunk provides the enhanced capabilities of DMR Tier 3 trunking in a simple, affordable solution for small and medium sized organizations. It is scalable to deliver the capacity and coverage where it is needed for smooth, effective operations.

This solution supports shared control channel operation for spectrum-constrained customers, as well as dedicated control channel operation.


Tait OpenTrunk systems are upgradable to Tait OpenPeak if more capacity or advanced capabilities are required.

TAIT OPENPEAK

Tait OpenPeak is an advanced, full-featured DMR solution that supports both Tier 3 and Tier 2, built on Tait's long-standing expertise in critical communications. Trusted by industries such as utilities, mining, oil & gas, and public safety, Tait OpenPeak delivers the performance and reliability demanded in mission-critical environments.

Tait OpenPeak solutions can support simulcast operation for maximum spectrum efficiency and integrate SCADA systems.

Tait OpenPeak can also be customized to suit your unique requirements with Tait Client Specific Development capabilities.



**Tait OpenDMR**

Essential	Enhanced	Advanced
Reliable solutions for small and medium operations	High capacity solutions for small and medium operations	Full-featured solutions for specialized or high risk operations
DMR Tier 2 Conventional	DMR Tier 3 Trunking	DMR Tier 2 or 3
<b>Tait Open2</b>	<b>Tait OpenTrunk</b>	<b>Tait OpenPeak</b>

TAIT OPEN2 & TAIT OPENTRUNK

TAIT OPENPEAK



HOSPITALITY



RETAIL



MANUFACTURING



UTILITIES



LOGISTICS



EDUCATION



TRANSPORTATION



OIL, MINING & GAS



SPORTS



TOURISM



EVENT MANAGEMENT



PUBLIC SAFETY

## SYSTEM ENHANCEMENTS

### TAIT AXIOM BROADBAND SOLUTIONS

Take advantage of cellular and Wi-Fi network coverage and devices, expanding your coverage beyond the radio network and enabling anyone with a smart device to communicate with radio users.

Tait OpenPeak integrates effectively with broadband solutions, with the Tait PTTToX service for smart devices and the range of TAIT AXIOM ruggedized wearable and vehicle based broadband devices.

### TAIT SERVICES

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

From professional services, consulting and design, coverage planning for networks, implementation services to deploy and optimize your systems, 24/7 support services for technical assistance and network monitoring, and training services for upskilling and empowering your teams, Tait services allow your team to focus on their primary mission with confidence.

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.

TAIT OPENDMR  
**PARTNERS**



**ONE OPEN ECOSYSTEM FOR COMPLETE 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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Quality Management  
ISO 9001



Environment Management  
ISO 14001:2015



Occupational Health & Safety Management  
ISO 45001:2018

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