

# CRITICAL COMMUNICATIONS CAMPUS SOLUTION



**KEEPING PEOPLE, SITES AND ASSETS SAFE**



## WHY TAIT COMMUNICATIONS?

**Our vision is to create safer, more proactive organizations by redefining the boundaries of critical communications.**

We understand the challenging scenarios that campus security personnel face. Events can happen quickly, and staff need to have technology close at hand that they can trust and rely upon. **Communication is essential.**

The faster people can communicate, the quicker a situation can be de-escalated and resolved. Ensuring safety is not just achieved through *reactive* countermeasures, but also *proactive* countermeasures. Tait solutions can achieve these outcomes in a variety of ways.

## TAIT FAST FACTS

Head Office: Christchurch, New Zealand | Established: 1969 | Founder: Sir Angus Tait

### Core Markets

- ▶ Mass Transport
- ▶ Emergency Services
- ▶ Utilities
- ▶ Mining

**UK/IRL HQ: Cambridge, UK**  
**EU HQ: Vienna, Austria**

- ▶ Sales
- ▶ Engineering
- ▶ Finance
- ▶ Logistics

### Full-Service Support

- ▶ System Design
- ▶ Survey and Coverage Prediction
- ▶ System Build
- ▶ SAT and FAT
- ▶ Project Management
- ▶ Installation
- ▶ Commissioning
- ▶ System Integration
- ▶ Documentation
- ▶ Training
- ▶ Support Packages

## CRITICAL TO CAMPUS MANAGEMENT

**Critical communications is central to effective campus management. Beyond the academic institute, a campus encompasses many non-academic facilities such as offices, commercial properties, recreation parks and retail, through to science and manufacturing. Security staff need assurance that critical communications are available at any time, from any location, on campus or off site.**

### The larger the campus, the greater the need for a Security Control Room

The hub of a campus's security is a Security Control Room (SCR), which is constantly receiving information from the security staff and electronic systems. SCR staff are trained to deal with dynamic, rapidly-changing events. They need technology that complements their procedures, while supporting them every step of the way.

Campuses are bustling spaces that typically operate 24/7. Security staff work in shifts and they need technology and devices that are rugged, reliable and intuitive to operate. Other campus departments such as estates, cleaning or engineering, will have their own unique communication requirements. With needs ranging from constant communication through to minimal communication, the one necessity is that all systems can operate seamlessly in critical situations.

### Security Control Room staff get a bird's eye view of the campus

A Tait Campus Security Solution enables campus security staff to see their colleagues' location in real-time — not just visually using CCTV, but with other technology that can confirm their precise location. This information is essential when responding to an incident, or simply making sure remote workers are safe.

Tait solutions utilise digital/IP technology that provides many inbuilt health and safety features that are invaluable to a campus's day-to-day operations.

These different use cases can all operate simultaneously on the robust and reliable Tait Communications platform.

# CAMPUS SECURITY SOLUTION



## Public Address

- ▶ The Tait solution can be integrated with a Public Address system to enable staff to make announcements remotely.



## Fire Marshals and Wardens

- ▶ Easily communicate between Fire Marshals and Wardens.
- ▶ Staff coordinating with the emergency services can also communicate with the rest of the fire team.
- ▶ In emergencies, communications can be restricted to essential users only.



## Alarm Integration

- ▶ Each building's fire alarm can be integrated to the system.
- ▶ Remote staff are notified about the alarm via text message or audible alarm.
- ▶ Control Room staff will be notified via the Tait system.



## Encryption

- ▶ Tait radios feature built-in audio encryption to prevent people from listening in.
- ▶ Keep your staff safe and private information secure.



## Geofencing

- ▶ Hazardous areas are highlighted, using the Control Room Dispatcher Software.
- ▶ When entering these areas, working staff and Control Room dispatchers receive automated alerts.



## Multi-colour Radio Options

- ▶ Help staff to stand out in public.
- ▶ Coloured radios are found more easily.
- ▶ Easily identify different departments.
- ▶ Coloured radios can support your branding.



## Text Messaging

- ▶ Tait portables feature built-in text messaging capability.
- ▶ The Control Room can send text messages to keep staff up to date e.g. Fire alarm tests.



## Enhanced Lone Worker Safety

- ▶ All Tait radios are built with the Lone Worker feature, ensuring the health and safety of staff when working on site.
- ▶ When radio user inactivity is detected an alarm will automatically be sent to the Control Room and other staff, including location information.



## Smartphone Push to Talk

- ▶ Seamless communication enabled between smartphone and radio users.
- ▶ There is no need to carry a radio.
- ▶ Communicate from any location with WiFi or cellular access.
- ▶ Use dynamic group allocation, text and photo messaging and GPS tracking.



## Control Room Dispatcher Software

- ▶ The Control Room has full visual control of the system.
- ▶ An intuitive system with a customisable interface, makes individual and group calling easy – ensuring faster operations.
- ▶ Emergency override functionality.
- ▶ IP technology delivers a flexible and robust network.
- ▶ Redundancy ensures continuity of service.
- ▶ Logging and reporting.



## GPS Location Data

- ▶ GPS location can be displayed on the Control Room Dispatcher Software.
- ▶ Get a real-time view of staff location.
- ▶ Keep staff safe and ensure a fast response to events as they occur.

# TAIT CAMPUS SECURITY SOLUTION

Keeping people, sites and assets safe



## Control Room Dispatcher

Modern radio systems are controlled by Dispatcher Software. This provides the Control Room and managers with an intuitive visual representation of the system and the ability to interact with it via a clean and customisable interface.

The Dispatcher Software connects to the radio system via IP and doesn't necessarily need to be installed onsite. The software is scalable and includes many features such as voice recording and auditing reports.



## Multi-colour Radio Options

Tait radios come in 5 different colours: red, yellow, orange, hi-vis green and black. The bold colours help staff to stand out and for radios to be easily found. Different departments can have different coloured radios and can complement different branding colour schemes.

Also shown: blue IS TP9361.



## GPS Location Data

To help keep staff safe and ensure a quick response, Tait radios provide location data of users, which can then be displayed in the Control Room on Dispatcher Software. Control Room Staff will have a real time view of where their colleagues are. This helps keep staff safe and ensures for a quick response to events as they occur.



## Smartphone Push to Talk (PTT)

Tait TeamPTT is a Push to Talk application that operates on both iOS and Android devices. Tait TeamPTT allows users to communicate with radio users from a phone. This app is excellent for personnel who don't need to carry a radio with them at all times, yet want to listen to and interact with radio users on an ad-hoc basis.

Additionally, TeamPTT users can communicate directly with one another. TeamPTT links the user to the radio system via IP using WiFi or via LTE 3/4/5G. This means the TeamPTT user doesn't need to be onsite and can be working remotely and still communicate with the site's local team. The app has a whole host of features that include dynamic group allocation, text/photo messaging and GPS tracking.



## Enhanced Lone Worker Safety

All Tait radios include a Lone Working feature – where a user must press any button on the radio within a designated time. If they don't, they will receive a reminder, and if they still fail to respond, an alarm will be raised to the Control Room and to other radio users. This is a simple way to ensure the health and safety of staff and contractors when they are lone working onsite.



## Geofencing

Using GPS coordinates, Control Room staff can highlight dangerous areas onsite using the Dispatcher Software. If staff with radios travel into these areas, the Lone Worker function will automatically be activated on their radios and Control Room staff will be notified. This is a great feature that takes the manual activation away from the users of the radio system.

When users leave the dangerous area, the Lone Worker feature automatically deactivates, and the Control Room staff are made aware at the same time.



## Text Messaging

All Tait radios with a screen can display text messages. Control Room staff can update their colleagues by text to keep them up to speed on events happening on the ground. The text messaging feature is great for day-to-day reminders onsite, such as wearing PPE and face masks, to send notifications of fire alarm tests and other reminders.



## Alarm Integration

A variety of alarms can be easily integrated into the radio system. When activated, radio users will be notified with audible and visual indications on their radio. The radio system can be used to link alarms from remote locations. Examples include notifying radio users and Control Room staff when a fire alarm has been activated.



Scan this QR code to visit [www.taitradio.com/security](http://www.taitradio.com/security) to learn more about our critical communications solutions for security.



Quality Management System  
ISO 9001:2015



Environmental Management  
ISO 14001:2015



Occupational Health and Safety Management  
ISO 45001-2018

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