

IMPROVE WORKER SAFETY *WITH SMART VOICE & DATA*



MAXIMUM RELIABILITY.

Timely reliable communications is crucial for workers in high-risk industries. Tait's critical communications solutions are designed to make a significant difference in emergency situations.

taït
communications

ZERO HARM IS THE ULTIMATE MEASURE OF A SUCCESSFUL HEALTH AND SAFETY POLICY

RISK MANAGEMENT

Worker safety is a top priority for every organization to minimize or eliminate the risk of potential harm that workers face every day.

The risks and effects of accidents and major incidents can be managed and mitigated by using wireless communications designed to reliably connect workers with their colleagues and control centers.

IMPROVE WORKER SAFETY WITH SMART VOICE & DATA

Voice-only communications are often all some organizations require for normal operation. However systems that provide both voice and data can minimize risk, avoid business interruption and can make a significant difference in emergency situations.

Tait offers a range of solutions designed to keep your people safe.

COMPREHENSIVE SOLUTIONS FOR CRITICAL COMMUNICATIONS

Highly flexible standards-based solutions that can be tailored to the needs of your current operation and adaptable to meet your future needs:

- ▶ Network infrastructure and devices
- ▶ Software, Services & Support
- ▶ Broadband (Cellular, Wi-Fi, Ethernet)
- ▶ DMR Tier 2 and Tier 3
- ▶ P25 Phase 1 and 2
- ▶ MPT-IP, MPT 1327
- ▶ Analog Conventional
- ▶ Simulcast Networks
- ▶ Intrinsically Safe (IS) Devices
- ▶ Location Services (Indoor & Outdoor)
- ▶ GeoFencing
- ▶ Lone Worker & Man Down Alerts
- ▶ Technology Partner Integration



I MISSION CRITICAL VOICE AND DATA



CALL AVAILABILITY

The safety of each worker depends on their ability to make and receive calls without delay when required. Tait services will work to ensure you have the maximum coverage in your area. Safety is enhanced with more connectivity options for your workforce, connecting radio networks with smart devices, WiFi and Cellular networks provides more ways for people to get through important calls for help when they need it most.



EMERGENCY CALLS

Emergency calls can be activated with the push of a button and can be given priority over the radio network. Emergency calls can also be configured to automatically switch between transmitting and receiving – once activated, if the caller is unable to reach the radio call button it means that the people receiving the call can still hear what is happening around the worker.



EXCEPTIONAL AUDIO

Hearing calls for the first time - every time, is vital for worker safety. It is essential to respond with confidence, knowing your voice will be heard in the loudest of environments. Clear audio helps you to respond quickly to safety issues, while keeping the channel clear for other users.

Tait radios are built to exceed international standards with excellent sensitivity, range, and crystal clear voice functionality.



INDOOR AND OUTDOOR LOCATION SERVICES

Being aware of the location of important assets, vehicles and people can boost productivity and worker safety. Location information combined with workflow automation allow you to proactively and efficiently manage operations and the safety and productivity of your people and decreasing incident response time.

All Tait devices support satellite-based location services for outdoor operation. Handheld devices are available that can also interact with Bluetooth beacons for indoor location. Mapping applications are available to show the location of all your workforce both indoors and outdoors.



LOCATION BASED SAFETY AUTOMATION

Tait portables are equipped with sensors to detect falls (called Man Down) and inactivity timers (called Lone Worker) that can prompt your people to check in and automatically trigger alarms if there is no response. Should an accident occur, dispatch will receive an alert and can send help immediately to the right location.

Tait mobiles and portables are capable of location based workflow automation at the edge, independent of network connection. Using Tait Geofencing, location data triggers pre-configured actions in a radio, such as changing channels or networks, activating Lone Worker Mode, alerting control room staff when workers enter a hazardous area, or alerting workers to required actions for the area they've entered.

SECURITY

Cyber-crime and terrorism are growing security challenges that resource organizations must address. The data communication network gives visibility, and sometimes even control to anyone with access. It is vital that these networks remain secure from outside listeners and influences to avoid any violation which could compromise worker safety.

ENCRYPTION FOR SECURE COMMUNICATIONS

Tait networks and devices support authentication and encryption.

SECURE NETWORK ACCESS CONTROL

The latest Tait networks provide industry best practice security solutions for your organization by supporting secured HTTPS ports for web-based configuration and management, VPN servers on the node controller and virus scanners on any equipment running a standard operating system. Tait network monitoring tools also support SNMP v3.

CORE TAIT NETWORK SECURITY

Remote access to the core Tait network is only via IP connection which operates via Secure Shell (SSH) utilizing encrypted traffic between the client and the server, and via the Dell iDrac which uses encrypted traffic (HTTPS). Display and menus on the Tait base station can be disabled to prevent unauthorized changes to the base station by those physically on site.



ISO 27001 INFORMATION SECURITY MANAGEMENT SYSTEM

Tait understands that information systems – and the information and data they contain – are fundamental for daily operations and effective provision of services. This is why Tait Services comply with ISO 27001:2022 standards and are certified through independent third-party audits on an annual basis.

The ISO 27001:2022 certification provides peace of mind; it ensures procedures and controls are in place to protect confidentiality, maintain integrity, and ensure availability of all information stored, processed and transmitted through information systems managed by Tait on behalf of Tait Customers.



I TAIT ENABLE

Tait EnableFleet

EASY CENTRALIZED RADIO CONFIGURATION MANAGEMENT

Tait EnableFleet is an integrated solution to manage your P25 or DMR radio fleet by providing a workflow tool to apply firmware updates, device configuration and device personalisation. For your organisation Tait EnableFleet provides operation efficiently, cost savings and, version surety while simplifying the management of a device's individual configurable items.

Tait EnableInsight

REAL-TIME NETWORK PERFORMANCE MANAGEMENT

Tait EnableInsight is a data driven solution offering customers real-time performance management and live reporting capabilities, with the objective of monitoring and improving Audit, Compliance, and Capacity of the network's performance for P25 and DMR trunking networks.

Tait EnableInsight analyses call activity on the customer network in near real-time and presents the users with information about current site loading, call queuing, and registration activity, as well as providing trend information over a range of timescales.

I TAIT SERVICES

Emergencies can happen at any time, so it's vital that critical communications networks are up and running at all times. To ensure coverage, capacity, and availability are maintained, ongoing monitoring, maintenance and management of these critical communications systems must be a top priority.

But this can be time-consuming and takes time away from other priority tasks. Tait delivers a portfolio of flexible services that help ensure connectivity and availability of your critical communications networks.

From professional services, consulting and design, implementation services for implementing and optimizing your systems, 24/7 support services for technical assistance and network monitoring, and training services for upskilling and empowering your teams, Tait services provide all the capabilities you need to be successful and ready for action whenever needed.

Tait Services allow your team to focus on their primary mission, feeling competent and confident they can always rely on their mission-critical network.

*Talk to us to find out
how our services can assist you:*

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Tait works with a range of Technology Partners to provide a complete solution ecosystem based on open standards.

OPEN STANDARDS INTEROPERABILITY

Open standards offer you freedom of choice and avoids the pitfalls of proprietary hardware and software. Tait has earned a reputation as a vendor with genuine support for standards-based solutions. We advocate industry standards and play an active part in designing, refining and implementing those standards.

LONDON, UK

LARGE CENTRAL CITY CAMPUS

A 22-acre site south of the river Thames in London is a vast and lively mixed-use environment with office, retail, and open spaces, along with private residential apartments. With world-class food, shopping, and entertainment, as well as some of the best London tourist attractions, the campus is a busy area year-round.

Because security is a priority for the residents, commercial tenants and visitors, the client sought a robust and reliable communications solution, utilizing a Tait DMR Tier 3 network and portable radios.

Different groups of users across this large campus can communicate clearly on a system without congestion. Staff can make individual calls as well as group calls, and each different group of staff have their own channel so people don't hear chatter that isn't relevant to them.

The system offers reliable coverage both indoors and outdoors. Staff can create dynamic groups on the Tait radios to deal with emergency situations. Staff also have the ability to take control of the complete radio system thanks to the priority interrupt feature. Security staff have a real-time location data for every radio user and can receive a whole host of alarms such as Man Down, or when an emergency button is pressed.

Tait GeoFencing software is used to set custom radio behaviors based on location for worker safety and efficiency. This is done by plotting areas on a map and when staff enter these areas a range of actions are triggered automatically, such as sounding an alarm or activating Lone Worker mode. This function enhances worker safety, particularly when staff are in hazardous areas such as plant rooms or rooftops.

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