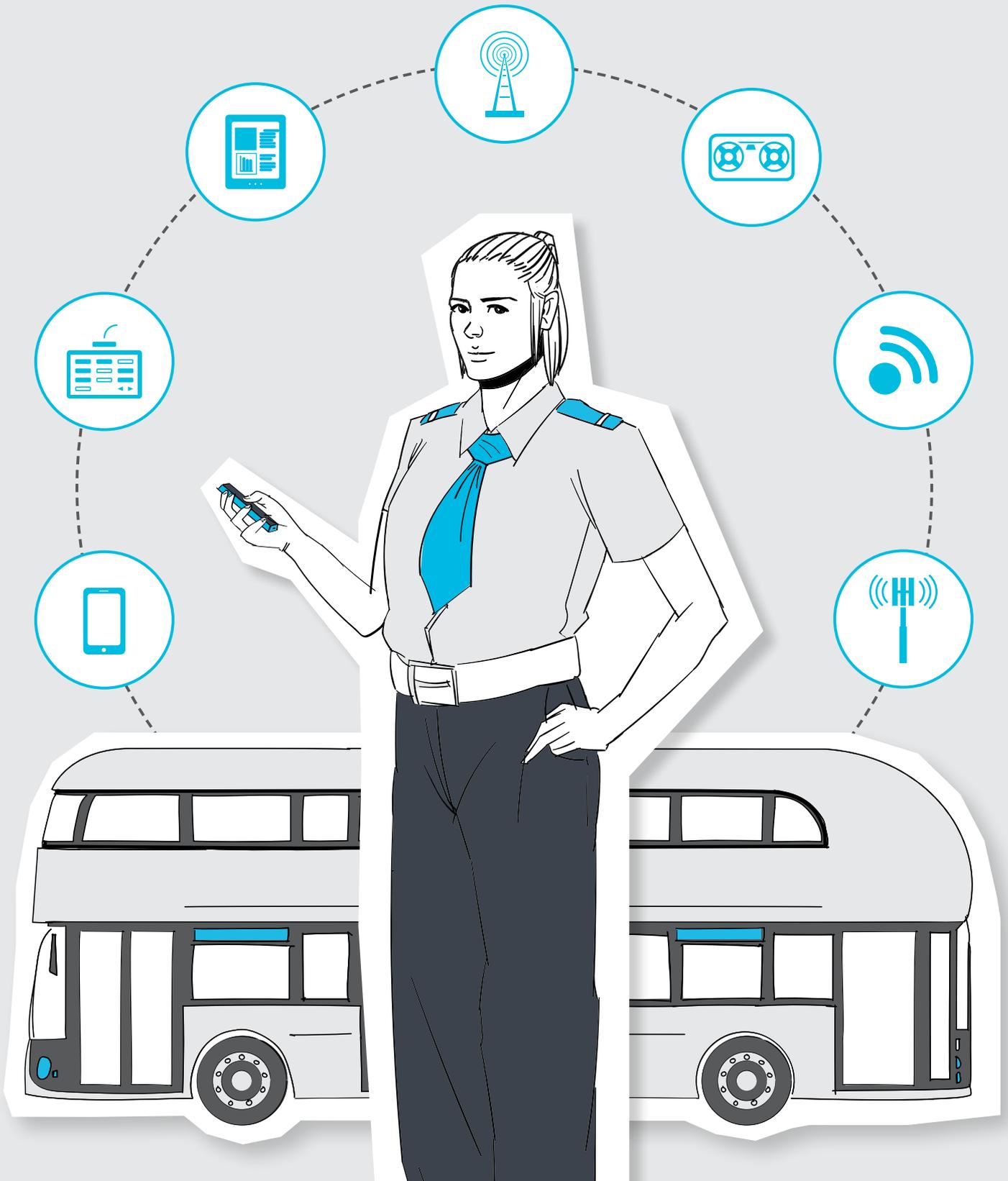


UNIFYING CRITICAL COMMUNICATIONS FOR PUBLIC TRANSPORT





MAKING EVERY JOURNEY MATTER

Public Transport brings a vital service to communities, providing safe, affordable and convenient transportation to urban centers and rural areas.

DELIVERING MORE FOR THE PASSENGER WITH A FLEXIBLE, INTEGRATED NETWORK

Transport authorities and operators are under constant pressure to deliver growth in passenger numbers and ridership, promote greater staff and passenger safety, to develop new and improved services that enhance the customer experience, and in an increasingly integrated transport environment, to do this using the same or fewer resources. A key component to this is having the right unified communications system in place – one that provides the capacity to handle growing and diverse voice and critical communication needs, integrates and streamlines on board vehicle systems to improve operational efficiency and empowers the workforce, wherever they are, to deliver exceptional levels of customer service.

WHY CHOOSE TAIT?

Tait's communication systems are the result of intensive research in conjunction with operators and fellow technology providers around the world.

Tait has been designing, manufacturing, installing and supporting effective and reliable radio and integrated voice and data solutions for the transport sector for more than 50 years. Large transport organisations around the world have put their trust in Tait to supply networks that enhance fleet efficiency and deliver improved customer service.

Tait has significant experience delivering large scale projects and understands the needs of both systems solutions providers and transport operators. We work closely with stakeholders, identifying requirements and meeting them within a specified framework.



PUBLIC TRANSPORT INDUSTRY CHALLENGES

ENSURING PASSENGER AND STAFF SAFETY

Providing a secure and safe passenger experience is a top priority. To respond more effectively to life threatening events, traffic accidents, passenger and pedestrian injury or criminal activity, transport operators must ensure an effective way to facilitate communications between vehicle and command centres, giving employees the maximum possible situational awareness to respond appropriately.

Critical real-time voice – Getting the call through

Tait Unified Vehicle takes your existing, trusted mobile voice communications and reinforces them with access to additional carriers. In addition to radio networks, Tait Unified Vehicle can utilize GSM, 3G, 4G/LTE, and Satellite, expanding your effective coverage area. Maintaining more reliable real-time voice communications between vehicle, staff on the ground and command centres.

ENSURING CUSTOMER SATISFACTION

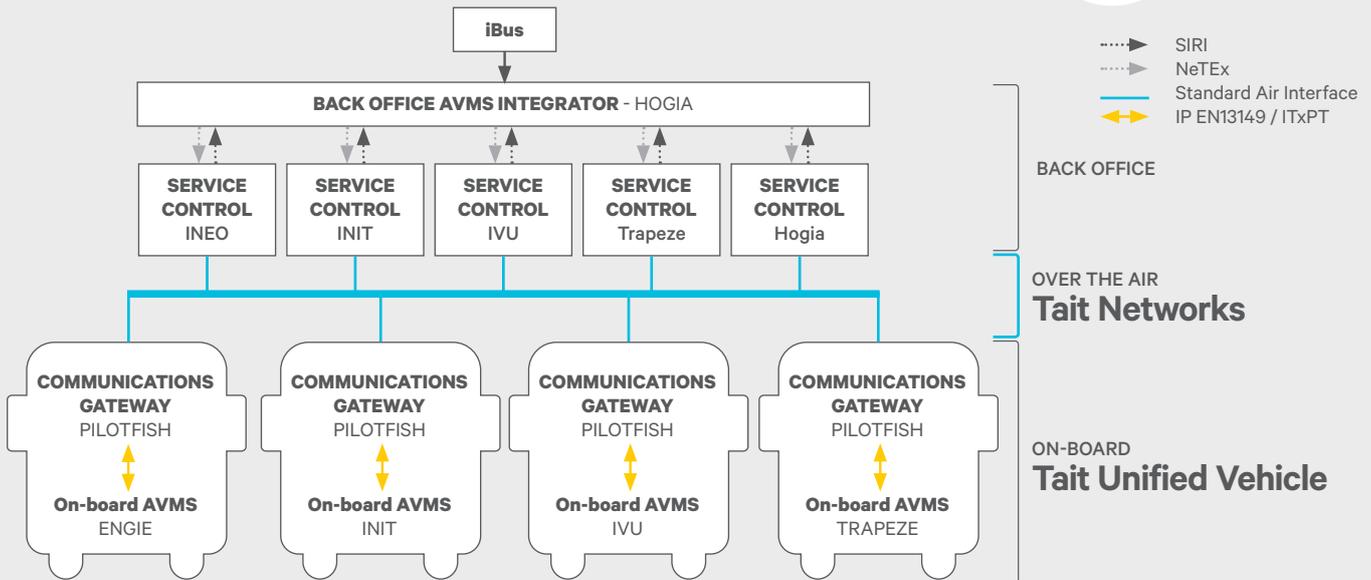
Passengers want to use public transit that will provide a reliable and more efficient way to travel. Transport operators therefore need a reliable communications infrastructure that supports the services that drive customer loyalty and increase ridership and revenue.

Service reliability in a multi-modal world

Growing populations are increasingly placing demands on transport providers to maintain the best possible services in terms of speed, reliability, flexibility and comfort. Solutions to this increasingly involve the integration of a range of alternative modes of transport and the need to cope with the diversity of “extra” traffic this entails on the roads, rails, cycle tracks and in the timetables. As operators will need to communicate with more vehicles, more often, the requirement will be for a reliable, high capacity digital radio network that efficiently delivers both the required voice and data.

Tait DMR is a digital communications platform that delivers commercial and safety benefits for mission critical users. With the capability to carry both voice and data, Tait DMR gives you a powerful combination of flexibility, control and resiliency.

Tait DMR products adhere to the DMR Association’s open standards, ensuring interoperability with other compliant equipment.



DELIVERING NEW SERVICES

To maintain or grow passenger ridership, transport operators must have the capability to develop new ways to deliver services to passengers that will make their trip safer more convenient and reliable.

Building and extending a network for the future – in the vehicle...

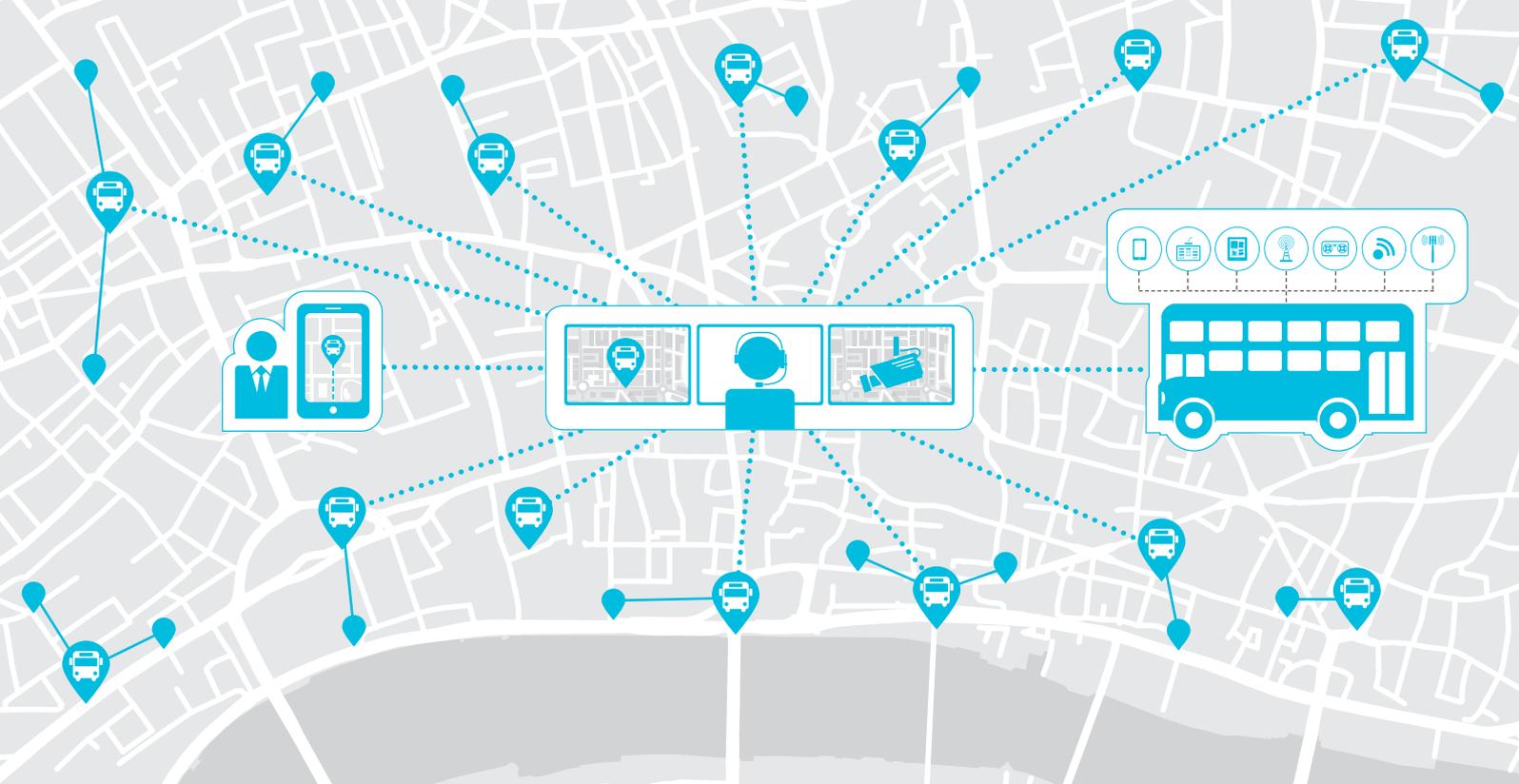
To cope with increasing demands and have the flexibility to develop and deliver new services tailored to the needs of the passenger and the business, transport operators need the capability to deploy the full range of new vehicle technology. In the move to IP connected vehicles, Tait Unified Vehicle becomes the key platform and critical communications hub, with direct digital connection to the vehicle network, on-board services and ITS systems.

Information Technology for Public Transport (ITxPT) is a global initiative to drive open standards in both on-board and back-office ITS systems. Tait is a Principal member of ITxPT, dedicated to delivering reliable, standardized voice and data transmission, irrespective of supplier – providing operators tools for greater passenger service.

...and on the ground

Communications capability can be extended beyond the radio system, connecting to staff on the ground with smart devices. Tait TeamPTT provides a bridging solution, joining radio, WiFi and cellular with Push-to-Talk (PTT) connecting both radio and smartphone users into a secure and auditable unified critical communication system. It provides a choice of end-user devices that are familiar and are aligned to the user’s job function.

With this direct connection into the vehicle radio system, on the ground staff can talk directly to individual vehicles, routes, depots and increasingly WiFi enabled garages and other personnel wherever they are, offering a level of functionality normally only available in despatch department and teams. By enabling location data of people and vehicles, as well as having integrated text and picture capability, it offers a location service in the hand, providing real-time integrated, secure and auditable access to those on the ground to provide essential insight for clearer and more rapid situational analysis.



TAIT SOLUTIONS FOR PUBLIC TRANSPORT

TAIT UNIFIED VEHICLE

Tait Unified Vehicle combines industry proven radio technology, the latest connectivity options, and application processing into a single device. The result is a communications platform optimized to support the current and future needs of transport operators.

Tait Unified Vehicle is integrated into the Tait mobile radio platform, allowing you to leverage investment in an existing radio network, while providing a platform for the future. Creating a network of networks, including analog and digital radio, WiFi, LTE, Bluetooth and wired Ethernet, Tait Unified Vehicle becomes the mission critical communications device to provide the connectivity options to ensure vital voice and data calls always get through. The Tait Unified Vehicle platform runs on a flexible operating system with an easy to use interface. Custom applications can also be created that help transport operators to improve their communications experience, enhancing passenger and staff safety and improving operational efficiency.

TAIT TEAMPTT

Tait TeamPTT provides operational and administrative staff with enhanced access to instant communication and information.

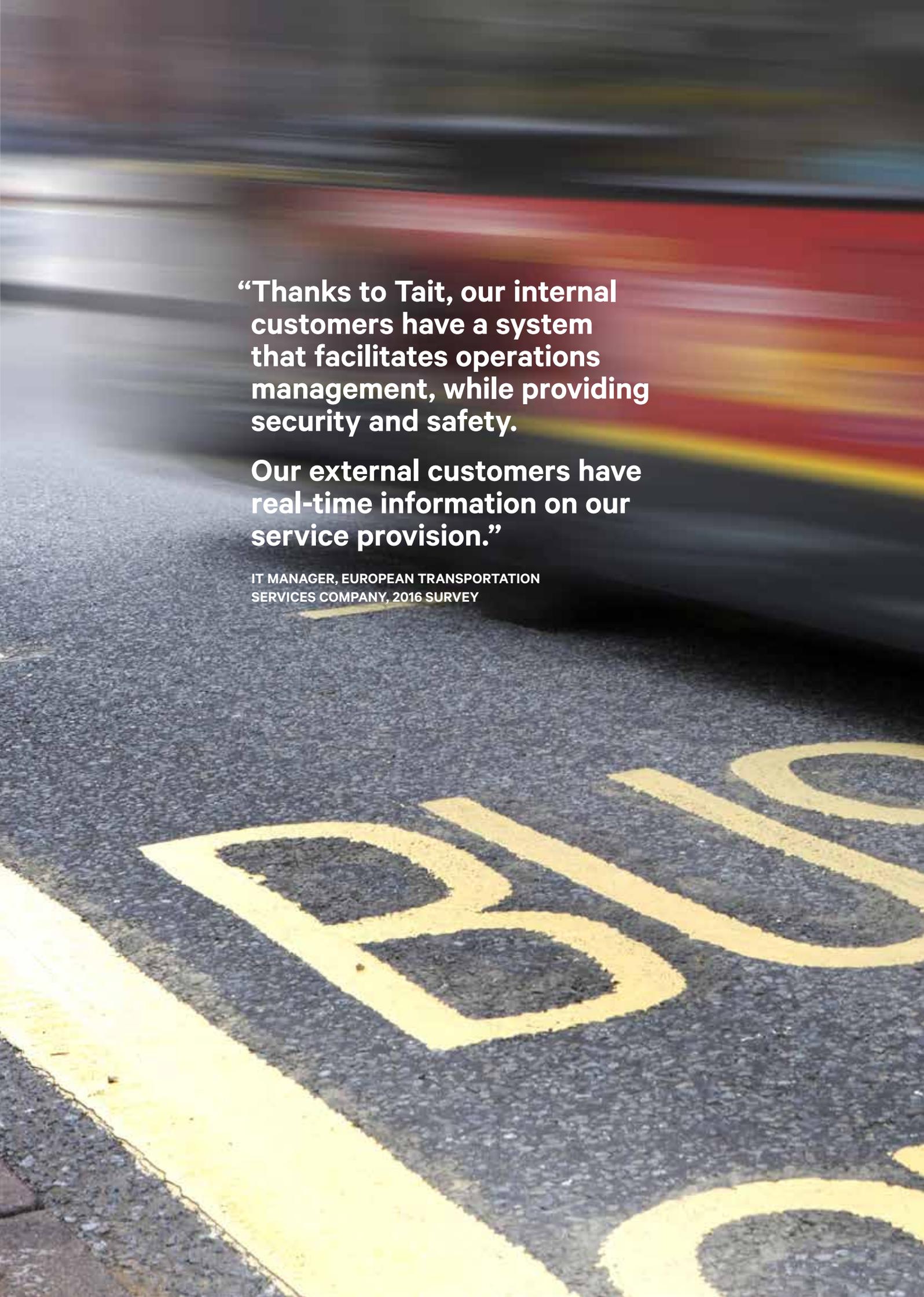
It provides Push-to-Talk (PTT) capability for anyone, at anytime, anywhere. It does this by providing seamless instant communication or PTT capability over any available communications network, including LMR, cellular and WiFi. It provides a choice of end-user devices that are familiar and are aligned to the user's job function.

TAIT DIGITAL MOBILE RADIO

Tait DMR is a digital communications platform that gives you a powerful combination of flexibility, control and resiliency.

Designed and built with security at its core, Tait DMR Tier 3 supports industry-standard encryption and user authentication, access control for devices and users, and full logging of traffic and network access.

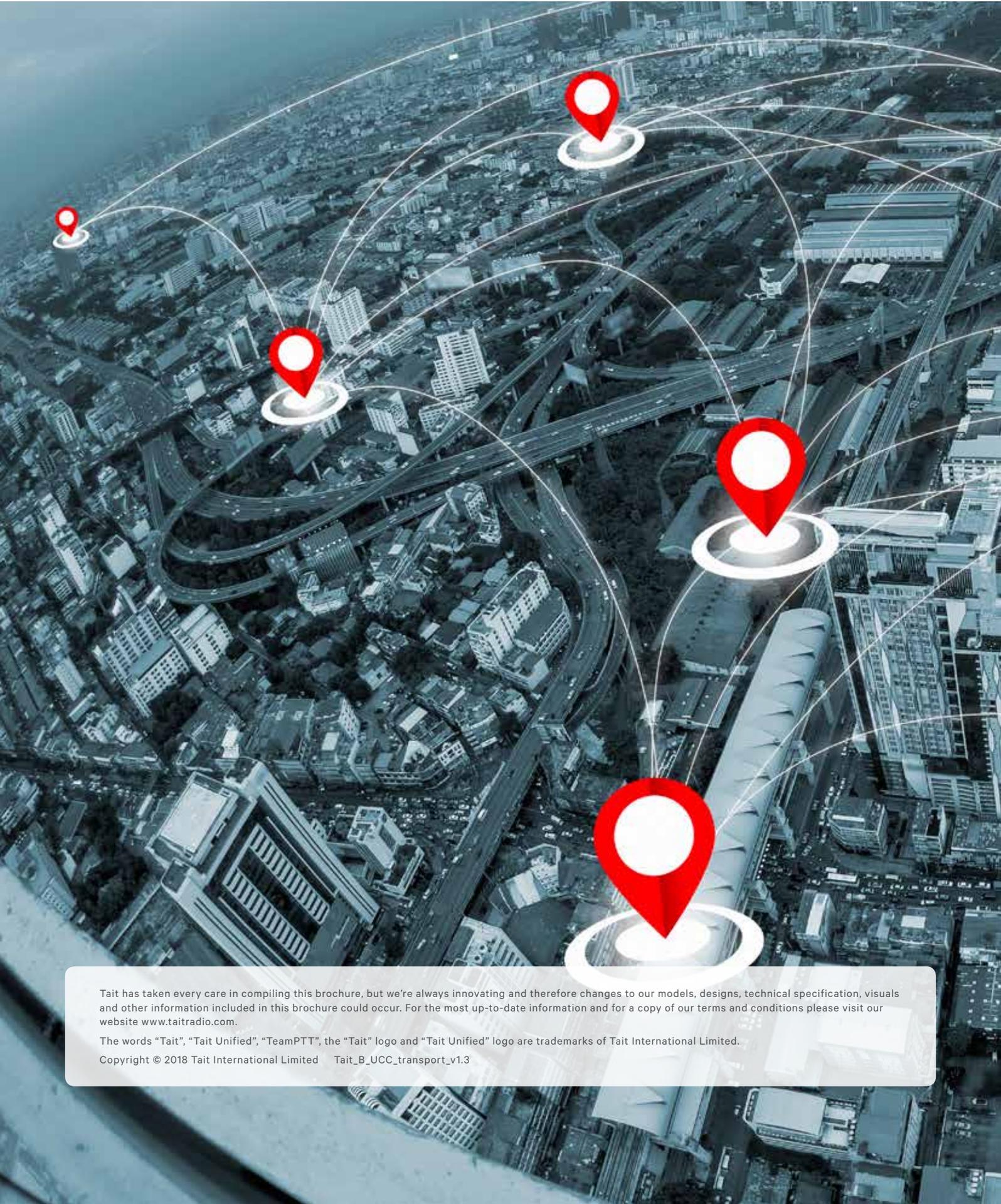
DMR Tier 3 has built-in support for location-based services, so the team knows the exact location of workers, vehicles, assets, and events across your network. You can manage your own Tait network, or rely on a long history of Tait managed radio networks. Tait has strong combined RF and IP experience, providing all the knowledge and support you need to ensure that you can always rely on your private radio system.



“Thanks to Tait, our internal customers have a system that facilitates operations management, while providing security and safety.

Our external customers have real-time information on our service provision.”

IT MANAGER, EUROPEAN TRANSPORTATION SERVICES COMPANY, 2016 SURVEY



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