Tait Unified Solutions

tait
communications

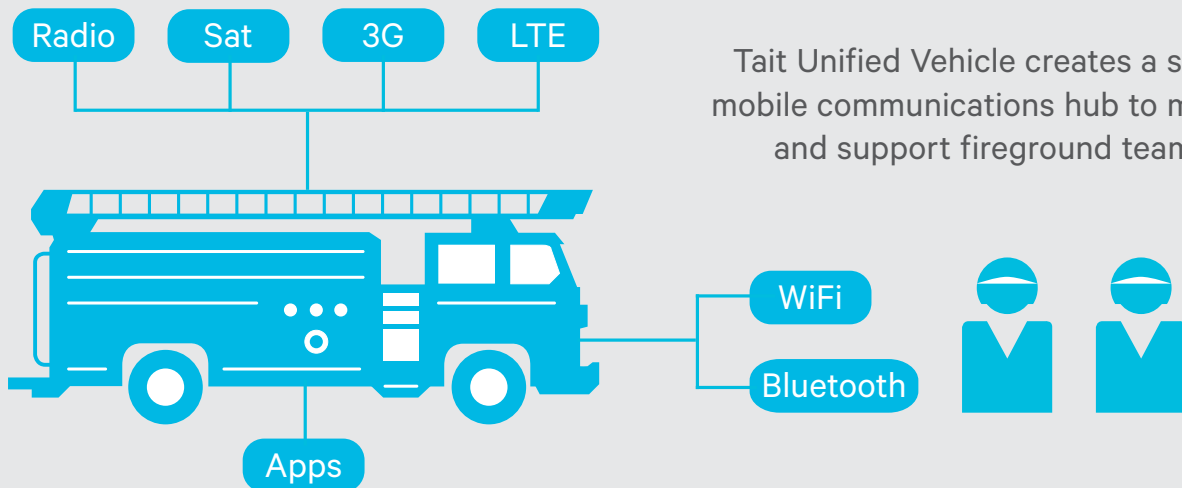# UNIFYING CRITICAL COMMUNICATIONS
FOR THE FIREGROUND

CRITICAL COMMUNICATIONS FOR THE FIREGROUND

In high risk environments, access to mission critical information can be the difference between life and death. Be it fire, RTA or rescue, real time communication can help the teams in attendance best deal with the situation.

Having the right voice & data capability in place to deliver critical communications enables teams to respond faster and more effectively. Clear, reliable communications both on the way to and on the scene of an incident are crucial when lives are at risk.

Technology is more complex than ever before, so delivering clear, concise information to those on the fireground is critical. This demands the highest levels of reliability and security.

Radio   Sat   3G   LTE

Tait Unified Vehicle creates a smart, mobile communications hub to monitor and support fireground teams.

WiFi

Bluetooth

Apps

TAIT UNIFIED VEHICLE

Tait Unified Vehicle with AppBuilder, 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 emergency service agencies.

Tait Unified Vehicle is integrated into a familiar Tait mobile radio, allowing you to leverage your investment in an existing radio network, while providing a platform for the future. Creating a network of networks, including land mobile radio, WiFi, wireless broadband and Bluetooth, this vehicle-area-network travels with users, providing connectivity via whatever carrier is available, ensuring that urgent calls always get through. The Tait Unified Vehicle platform includes Tait AppBuilder, a purpose-designed tool running on a flexible operating system with an easy to use interface. With Tait AppBuilder, agencies can create a wide range of custom applications to improve their communications experience, enhancing worker safety and improving operational efficiency.

SUPPORTING CRITICAL FIREGROUND OPERATIONS LONG TERM
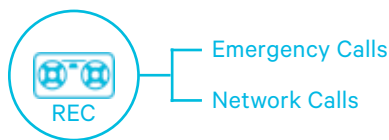
Real-time voice – Staying in command

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. Maintain more reliable real time voice communications between Command Centers and the fireground.

Vehicle Area Network – Connecting the fireground

The data and connectivity features of Tait Unified Vehicle offer a host of benefits for fire fighting teams. Users at the Command Center can monitor the remote fireground communications. Teams on the fireground can connect mobile devices like tablets or laptops by WiFi to access critical information over LTE networks. Officers can connect Bluetooth headsets for easy, hands free communication. Tait Unified Vehicle provides a simple WiFi connection to LTE networks, improving access to the outside world.

Keeping Safe – Supporting the team on the ground

Software applications and telemetry enable significant worker safety benefits. Avoid disaster by remotely measuring the oxygen levels in breathing apparatus, and monitor officers' biometric data. Tait Unified Vehicle is the ideal communications platform to connect the safety systems you use today and the solutions you'll use tomorrow.

REC — Emergency Calls

Network Calls

Real-time recording – Capturing the whole situation

Simplex radio calls on the fireground are not usually recorded like radio calls over the network – until now. Tait Unified Vehicle can store audited, time-stamped recordings of all communications. If you're conducting a training exercise or a forensic review, having more clear information at your disposal renders better results. Audio encryption allows secure storage of sensitive communications.

Expandability – Developing the capabilities to grow with your needs

Tait Unified Vehicle is a single, integrated device, built into a familiar mobile radio terminal. On day one, it can take advantage of your existing communications infrastructure, and as the future approaches it can utilize your new devices and communication networks. While some great software applications exist at present, the real benefit comes from Tait AppBuilder and being able to easily create your own custom apps, specific to the needs of your agency.
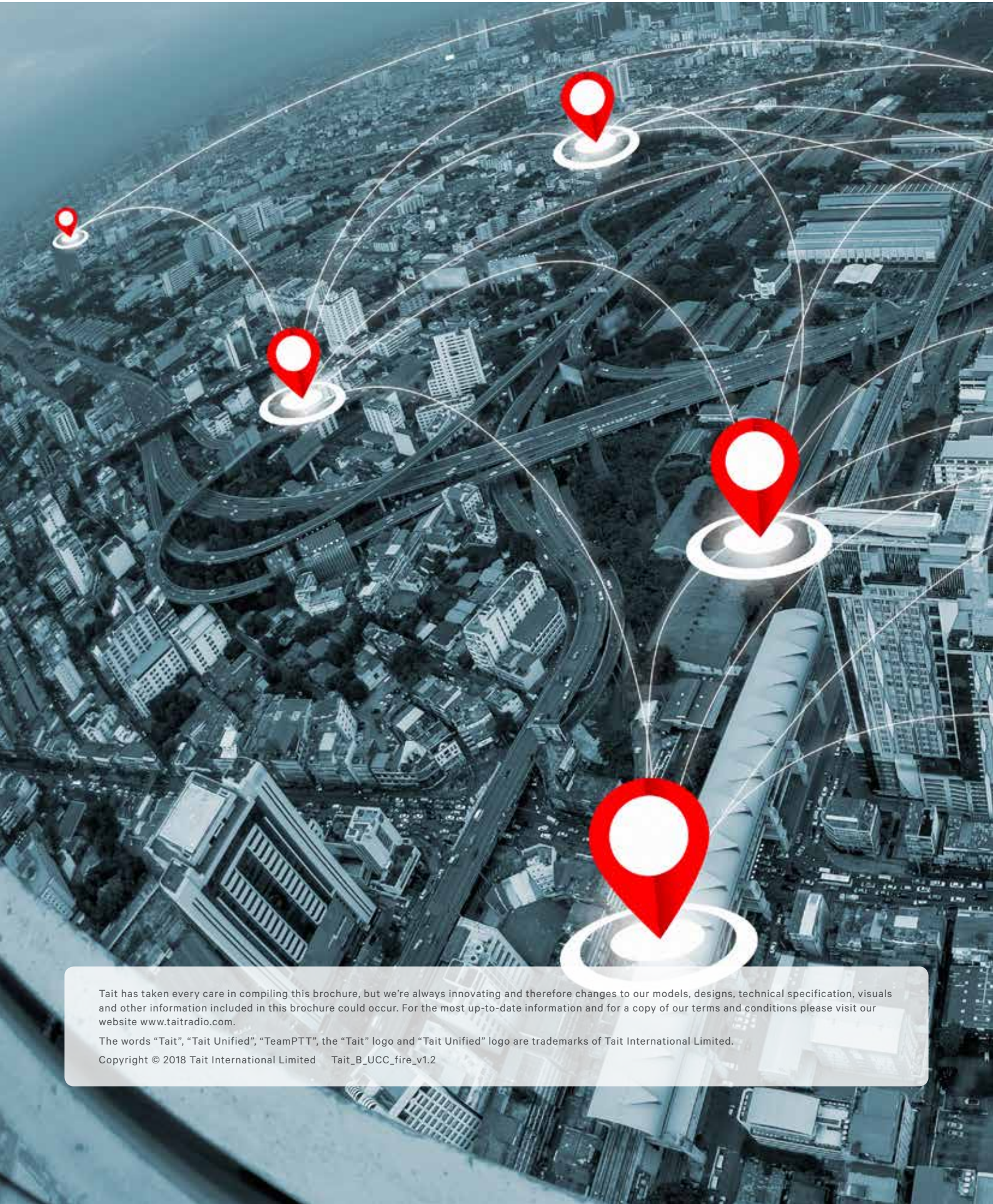
Managing assets – Planned and unplanned

Bluetooth connectivity enables an ingenious asset management application. Tag your important equipment with Bluetooth location tags, and Tait Unified Vehicle can detect if they are in range of the vehicle. This helps teams have the tools they need on route to a fire, and makes sure they don't leave anything at the fireground. The asset management system can log when and where an item was last located, or create a notification if an item is missing.

Learn more about Tait Unified Vehicle and other unified critical communications solutions at

taitradio.com

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