Tait Unified Solutions

UNIFYING CRITICAL COMMUNICATIONS FOR LAW ENFORCEMENT

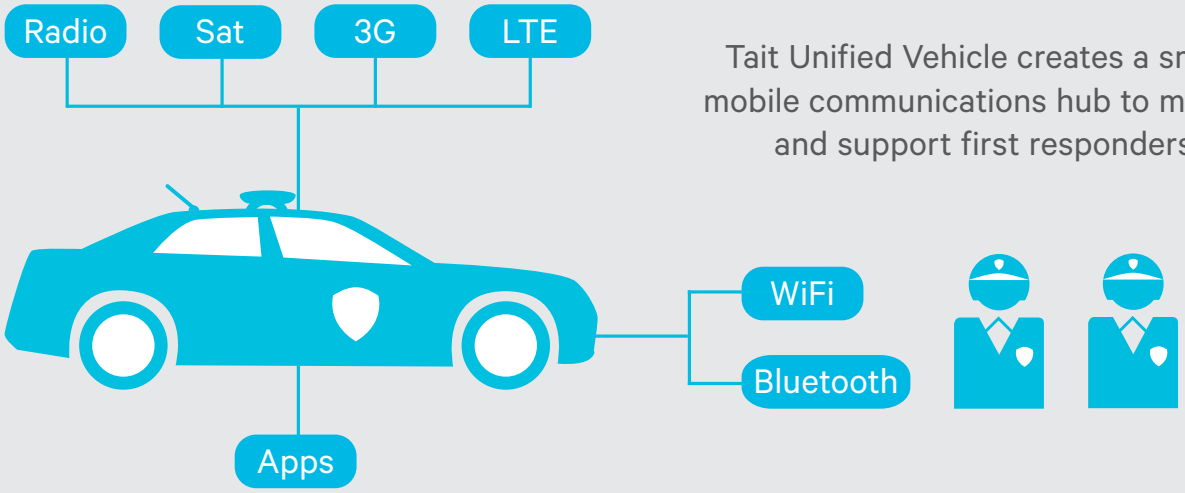
CRITICAL COMMUNICATIONS FOR LAW ENFORCEMENT

First responders regularly risk their lives to create safer communities. In these high risk environments, access to mission critical information can be the difference between life and death.

Having the right voice & data capability in place to deliver critical communications enables teams to respond faster and more effectively. Not only can this enhance efficiency during day-to-day operations, it plays a crucial role during emergency situations.

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

Tait Unified Vehicle creates a smart, mobile communications hub to monitor and support first responders.



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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 public safety 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.

By creating a network of networks that includes land mobile radio, WiFi, wireless broadband and Bluetooth, this vehicle-area-network travels with users and provides connectivity via whatever carrier is available, ensuring that urgent calls always get through.

The Tait Unified Vehicle platform runs on a flexible operating system with an easy to use interface. Agencies can create custom applications through Tait AppBuilder to improve their communications experience, enhancing worker safety and improving operational efficiency.

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SUPPORTING PUBLIC SAFETY OPERATIONS LONG TERM

Real-time voice – Staying in command

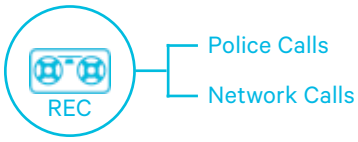
Tait Unified Vehicle takes your existing, trusted mobile voice communications and reinforces them with access to additional carriers. In addition to radio networks, Tait Unified Vehicle can utilize GSM, 3G, 4G/LTE, and Satellite, expanding your effective coverage area. Maintain more reliable real time voice communications between Dispatch and the field.

Vehicle Area Network – Connecting Officers

The data and connectivity features of Tait Unified Vehicle offer a host of benefits for first responders. Tait Unified Vehicle provides a simple WiFi connection to LTE networks, improving access to the outside world. Teams in the field can connect their 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. Using the Remote App, officers can use their smartphone to control or communicate through their mobile radio.

Keeping Safe – Monitor Vehicle Status

Connect your vehicle's onboard diagnostics to Tait Unified Vehicle so that dispatch can monitor the status of each police vehicle. Dispatch can receive notification when vehicles exceed certain speeds, have a flat tire, or need maintenance. Geo-fencing can alert you to when a police vehicle reaches a particular location.



Real-time recording – Capturing the whole situation

Simplex radio calls in the field 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 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 officers remember expensive or dangerous equipment in the field. The asset management system can log when and where an item was last located, or create a notification when an item goes missing.

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

taitradio.com

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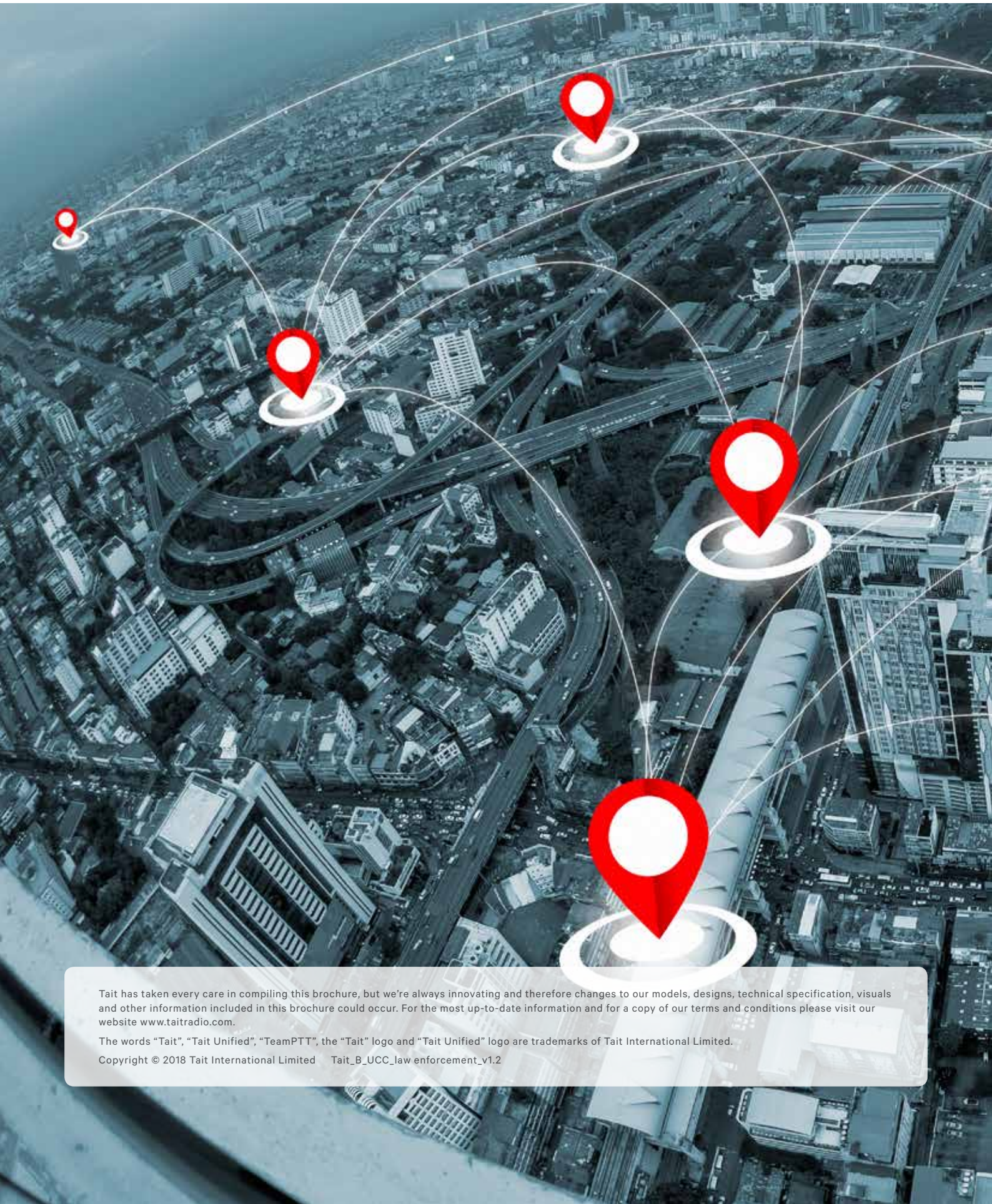

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