The Future of Worker Safety

tait
communications

Applications and Innovations to Increase Worker Safety

Worker Safety is a top priority for Tait and our customers. Because of this, we seek to understand our customers' needs, risks, and concerns so we can provide innovative solutions to improve health and safety.

Connected Like Never Before

Tait Unified Vehicle improves connectivity by creating a network of networks around your vehicle, offering a flexible application platform and a range of connectivity options - all in a single integrated device.

Increased connectivity means help can arrive much faster. For example, an injured worker in a remote location may find themselves away from their vehicle with no mobile phone coverage. Unable to physically reach their radio, their cellphone can use Tait Unified Vehicle to connect to the mobile radio via WiFi. Using the Remote Application, they can then make a call from their smart phone.

Customised Applications with AppBuilder

Hosted within Tait Unified Vehicle, this platform provides a user friendly way of creating customised solutions in response to specific, unique requirements. Customised behaviours can be built to address industry or organisation-specific safety challenges.

Man Down

Lives can be saved by drastically improving response time with Man Down. If someone falls and becomes injured in the field, the Man Down sensor in Tait portables will notify dispatch immediately, allowing them to send assistance without waiting for a call for help.

Lone Worker

For those who often work alone in high-risk environments, the Lone Worker feature provides an extra level of supervision. When activated, it requires a worker to manually check in at predesignated intervals. If he or she fails to do so, dispatch is notified immediately and can send assistance straight away.

Location Services

When combined with Man Down and Lone Worker, Location Services makes it easy to quickly send help to the exact location, even if your worker is unable to give directions. This cuts down response time by eliminating unnecessary searches and sending assistance directly to the worker.
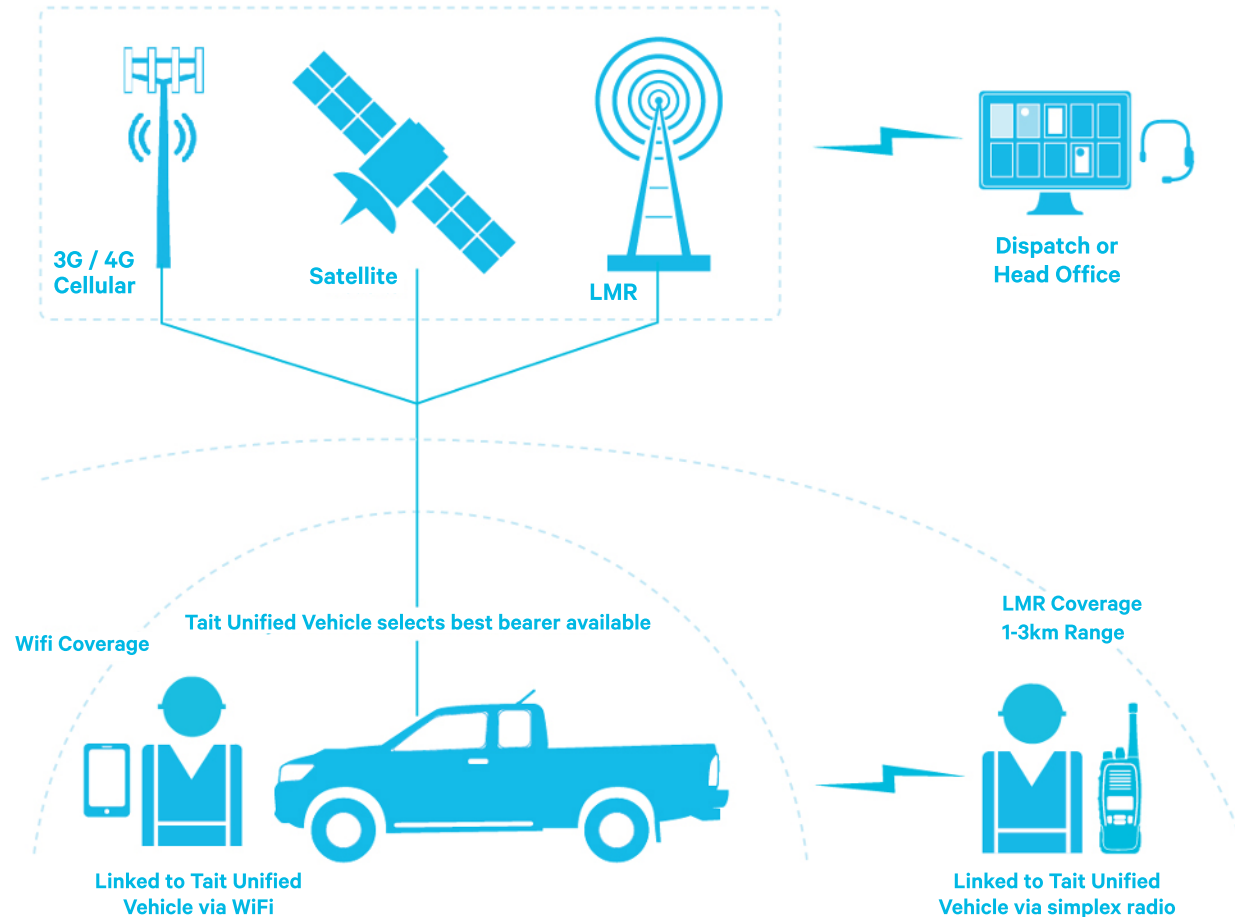
GeoFencing Capabilities

Tait radios can perform automated actions based on pre-identified geographic zones. Switch between network modes, ensuring users are automatically connected to the strongest network without taking their focus off their tasks at hand.

Switch between channels or talk groups based on location, activate/deactivate digital output lines, or turn Lone Worker or Man Down alarms on/off when entering or leaving a defined hazardous region.

Create a Network of Networks

The image below illustrates how Tait Unified Vehicle increases safety by creating a network of networks. The bottom line is this: Tait Unified Vehicle doesn't care which device you use, if you connect to your vehicle, then the message will be relayed to dispatch via the best bearer to ensure your message is delivered and your workers stay safe. Along with Tait's proven reputation for high-quality voice communications and rugged equipment suited to the toughest work environments, the Tait Unified Vehicle suite further reduces risks to worker safety, giving managers and company directors greater assurance.

3G / 4G
Cellular

Satellite

LMR

Dispatch or
Head Office

LMR Coverage
1-3km Range

Tait Unified Vehicle selects best bearer available

Wifi Coverage

Linked to Tait Unified
Vehicle via WiFi

Linked to Tait Unified
Vehicle via simplex radio