

A woman with dark hair tied back, wearing a light blue collared shirt and a dark vest, is shown in profile. She is holding a black Motorola handheld radio to her mouth and speaking. She is standing next to a dark-colored car. The background is a blurred outdoor scene with trees and a building. The image has a blue gradient overlay at the bottom.

Solutions Brief

# Connected Vehicle

Stay safe. Stay connected.

# Keep your lifeline with Connected Vehicle

When responding to high risk situations in remote zones, Emergency Services rely on mission-critical communications to stay in touch with each other and their command centre. To maximise safety, the Connected Vehicle automatically switches your voice communications between LMR, WiFi, LTE and Satellite to keep your lifeline open beyond the limits of your radio system's coverage.



## When every second counts...

Mission-critical communications is at the heart of everything we do.



In rapidly developing situations, time is critical and you need to be focused 100% on the task at hand. Emergency teams can't afford to lose valuable minutes re-establishing lost connection. The Connected Vehicle automatically locates and establishes the strongest line of voice communication, ensuring you receive vital up-to-the-minute data, allowing you to respond swiftly, and without delay.

The Connected Vehicle keeps you safe by maintaining your voice quality, security and talk groups on the same user interface, even in radio black spots where no signal is available.



### Save time and stay mission focused

Automatic switching between LMR, WiFi, LTE and Satellite keeps you and your team connected to the same talk groups, without any user action required.



### Priority satellite access

Even during peak traffic times, the Connected Vehicle voice connection is always given priority satellite access, ensuring your safety.



### Emergency response without delay

Rapidly respond to emergencies while remaining fully connected to your radio network.



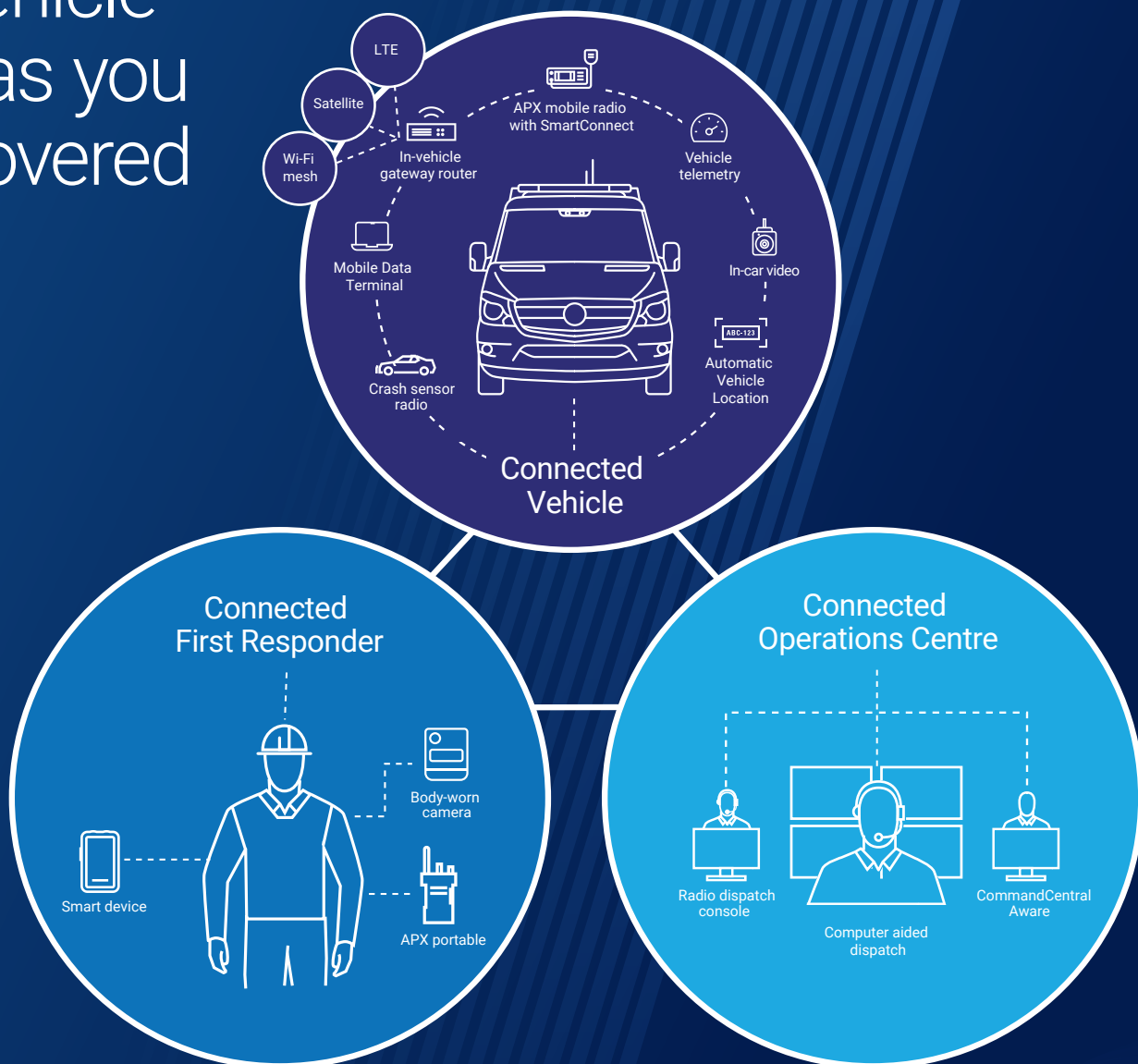
### Support when you need it

Our Managed and Support services deliver mission-critical availability, security and resiliency so your teams can focus on the job at hand.





# Connected vehicle has you covered



## Automatic voice connectivity

Whenever you exit your radio system's range, the Connected Vehicle delivers Automatic Voice Connectivity via LMR, WiFi, LTE or Satellite, ensuring your talk groups and security remain active.



## Automatic switching

The Connected Vehicle responds rapidly, automatically re-establishing data connection in seconds. You don't have to touch your radio; your on-screen display will simply switch to the new icon.



## Current and future integration

The Connected Vehicle is designed to integrate seamlessly with all existing and upcoming data devices and systems, including drones, ensuring your investment is future-proof.



## Wi-Fi Mesh and Range Extension

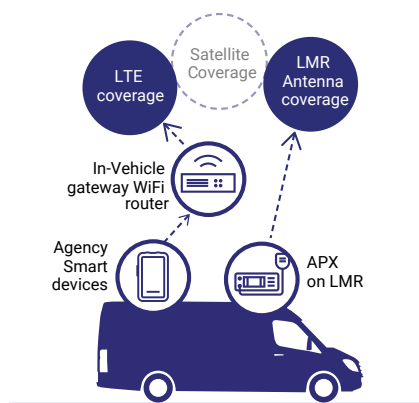
The Connected Vehicle extends secure coverage beyond the patrol car using Silvus StreamCaster MANET mesh, creating a robust, self-healing network. During perimeter control, rural patrols, or urban operations, officers retain reliable voice and data when dismounted, keeping talk groups, security, and mission-critical apps active for continuous situational awareness.



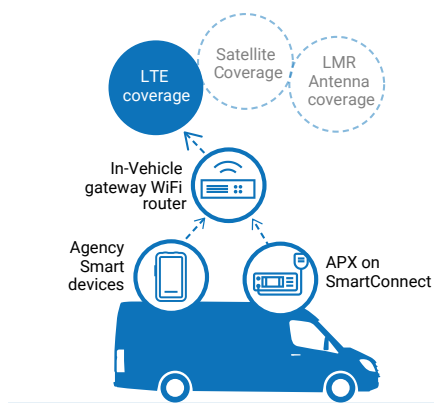
# Coverage and different device connections across the network



LTE and LMR Coverage



LTE Coverage



Satellite Coverage



## Features

- Ubiquitous communications (voice comms available regardless of availability of P25 radio network coverage).
- Communications can get through from any location.
- Multi-layered connectivity.
- Simultaneous data sharing (location, text messaging, over the air programming).
- Security (data protection, restricted traffic, secure access).
- Mobile optimised VPN server (static IP address can operate over multiple networks and wifi infrastructure).
- Telemetry.
- Support other devices (data terminals, cameras and smart devices).

## In-vehicle Communication Equipment

### Example of devices

- Motorola APX Mobile Radio.
- In-vehicle gateway multi-network vehicle router and antenna.
- LEO satellite terminal
- In-vehicle gateway GNX-6 mobile asset tracking device.
- Silvus Mesh Radio devices.

Learn more at [motorolasolutions.com/connectedvehicle](https://motorolasolutions.com/connectedvehicle)



Motorola Solutions Australia Pty Ltd

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