CISCO
The bridge to possible

Wireless Connectivity for Law Enforcement Vehicles

As duty calls, stay connected anytime, every time

Introduction

Technology helps increase the efficiency of law enforcement personnel, improves safety in the field, and ensures accountability for officers. The ability to connect officers, equipment, dispatch teams, and internal command is vital to their mission-critical operations. Law enforcement agencies need to ensure that their teams out in the field have fast access to the same real-time data and applications as they do back at station.

A law enforcement cruiser's needs are complex

Requires reliable connectivity at all times

- Access to multiple carriers to ensure always-on communications in the field
- Connectivity in the field for multiple critical tasks such as issuing citations, completing and sending accident reports, accessing criminal databases, etc.

Needs secure communication

- Secure connectivity for access to sensitive data and to prevent any unauthorized access

Requires connectivity for moving vehicles in extreme conditions

Needs high bandwidth inside and outside the car

- Connectivity for multiple devices such as laptops, cameras, license plate readers, electronic citation systems, etc. in the police car
- Wi-Fi perimeter outside the vehicle for tablet, body cams, smartphone access
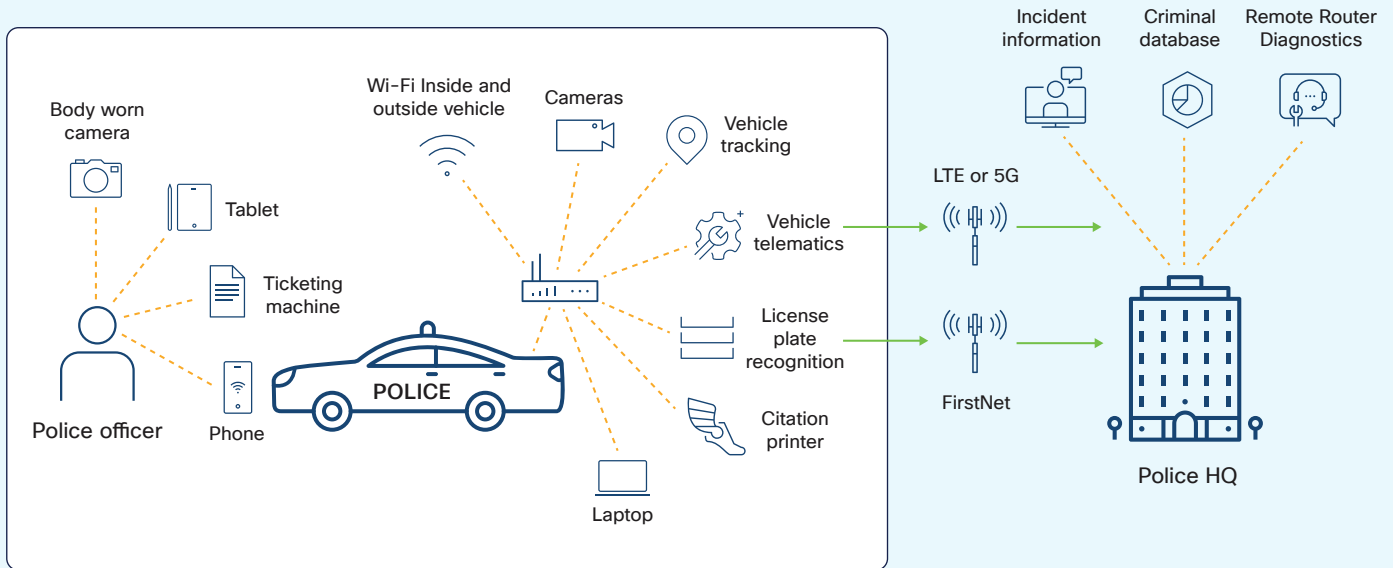- Ability to stream live video from cruisers to the station

Needs to track law enforcement vehicles in remote incident areas

What it does

Cisco connects and protects while you serve

Incident information

Criminal database

Remote Router Diagnostics

Body worn camera

Wi-Fi Inside and outside vehicle

Cameras

Vehicle tracking

LTE or 5G

Tablet

Vehicle telematics

Ticketing machine

POLICE

License plate recognition

FirstNet

Police officer

Phone

Citation printer

Laptop

Police HQ

Compatible with public safety networks

Enhance public safety with secure, reliable communications

We know your life depends on it

Enable always-on, secure communications

Connect to multiple carriers to help ensure that critical tasks are carried out smoothly.

Improve efficiency and boost the safety of first responder operations

Officers can stay in the field longer and complete electronic paperwork, offloading videos while away from the station.

Reduce total cost of ownership

Increase return on investment by using Cisco's modular industrial routers.

Components

Highly reliable connectivity for mission-critical needs

Connect to multiple networks using a single router. Dual active LTE interfaces provide concurrent connectivity to two cellular networks.

Highly secure

Enterprise-grade security built in with VPN, encryption, unified threat detection, and more. Leverage Cisco SD-WAN for advanced security features.

Ruggedized design

Tough on the outside and inside. Operates in moving vehicles and at an extended temperature range.

Simplified remote management

Remote network management using cloud management tools.

Future-ready investment

Replaceable modules for changing needs. Various module options available – dual LTE, Wi-Fi 6, 5G, Ethernet, FirstNet, private LTE.

Seamless connectivity

Seamlessly switches to the corporate Wi-Fi network while in the vicinity for offloading video. Automatically choose best path for data transfer with Cisco SD-WAN and save on data plans.

High-accuracy location tracking

Automotive dead reckoning enables high-precision GPS tracking of the entire police fleet.

SD-WAN for simpler management

Centralize cloud management and protect your users and devices with SD-WAN. Leverage familiar management tools and policies for corporate and in-vehicle routers.

FIRSTNET READY   5G

Cisco IR1800 5G industrial routers offer secure, reliable connectivity in the vehicle and outside

ıılııılıı
CISCO

The bridge to possible

Cisco provides one of the most secure, reliable IoT portfolios on the market

Leader in networking

Extend the Cisco network you know and trust to scale your IoT deployments using reliable infrastructure and operations-friendly cloud management tools.

Industry-leading security

Cisco's industry-leading security portfolio gives you complete visibility and control.

Flexibility to adapt to your changing needs

Modular design and expansion modules give you the flexibility to upgrade as technologies evolve.

Ready to connect your law enforcement vehicles?

Start your journey with Cisco

- Contact sales
- Read more about the IR1800