



Mobile Connectivity for Vehicles

eSIM-based solutions support uninterrupted Internet access to vehicles in motion, without any wired infrastructure.

● **Challenge**

Providing connectivity without wired infrastructure to enable untethered Internet access for vehicles in motion is essential to a wide range of functions. Examples include a trucking fleet tracking assets, law enforcement officers accessing databases from their patrol cars, or train and bus passenger using Wi-Fi on their commutes. The challenge lies in ensuring connectivity in different locations, as vehicles inevitably traverse different coverage areas and encounter dead zones with weak signals. Solutions that deploy eSIM devices to support cellular network-based redundancy across multiple carriers can deliver uninterrupted, reliable access regardless of location, and without requiring any fixed network infrastructure.

**“ SCALABLE NETWORK
REDUNDANCY ACROSS
MULTIPLE CARRIERS
ENSURES SERVICE
ACROSS COVERAGE ZONES.”**

● **Solution**

Our Flexible Mobile Connectivity solutions use eSIM technology to enable mobile data and device connectivity to over 700 cellular networks worldwide. By deploying single or multiple eSIM devices, we deliver scalable network redundancy across multiple carriers, bandwidth bonding and hot failover to ensure service as vehicles pass through different coverage zones. Full-service, single-source connectivity links multiple carriers, devices and locations, without requiring any fixed network infrastructure. Operating in either local or roaming mode, solutions can be deployed separately or bundled with industrial-grade endpoint hardware devices that connect to cellular networks for wired LAN and WiFi connectivity. Embedded GPS is suitable for mobile applications.

**“ UNTETHERED INTERNET
ACCESS WITHOUT THE NEED
FOR WIRED INFRASTRUCTURE.”**

● **Benefits**

- › Remote eSIM configuration accesses Internet or cellular connections to provide data connectivity for multiple locations and bandwidths.
- › Auto-selection of best signals from multiple carriers as vehicles cross coverage areas.
- › Bandwidth aggregation of bandwidth through multiple active SIMs delivers 99.999% data availability and access to +700 mobile networks worldwide.
- › Optional endpoint hardware devices on customer premises provide data connectivity through cellular networks and access to multiple carriers and networks.
- › Centralized contract and vendor management simplifies procurement, finance and legal admin; portal access provides transparency.
- › Easy to deploy solution can be implemented through either a turnkey model or via integration with existing endpoint hardware.
- › Quality technical support and customer care.
- › Flexible options range from basic single-network solutions to advanced scenarios requiring multiple active SIMs, bandwidth bonding, Hot Failover, WAN smoothing, VPN and more.

**“OPTIONAL ENDPOINT
HARDWARE DEVICES
ON CUSTOMER PREMISES
PROVIDE END-TO-END
CONNECTIVITY.”**