



TOP 10 REASONS TO BUY A GATEWAY FOR VEHICLE-BASED MOBILE COMMUNICATIONS

1. PERFORMANCE

- Improves throughput and availability compared to a laptop with network card
- Makes high speed wireless networks and security available to all applications and devices
- Compatible with emerging wireless networks, including 700MHz, WiMAX and LTE
- Enables matching of applications and networks (e.g. 4G for video/voice, 3G for dispatch etc.)
- Enables organizations to leverage new network technologies immediately by adding data cards
- Enables users to prioritize networks based on bandwidth, availability, time of day, location, etc.
- Constantly senses, assesses and selects the best available wireless network, providing faster switching if one network drops

2. COST

- Reduces operating costs and need for separate data services for each device in the vehicle
- Mitigates risks associated with new technology and provides the most cost effective way to evolve with latest network technology by adding network cards in the Gateway
- Enables modular approach to Mobile IT: install the communications platform today with available funding and add more networks, devices and applications as further resources become available

3. CONNECTIVITY

- Supports current and future WWAN technologies (up to 6 WANs) including public cellular, 802.11 a/b/g/n Wi-Fi, 700 MHz, WiMax, LTE, 4.9 GHz Mesh, etc.
- Supports WLAN technologies (802.11 b/g, Bluetooth)
- Supports custom applications
- Seamlessly switches between wireless networks; not relying on a single carrier to have ubiquitous coverage everywhere
- Utilizes existing private Wi-Fi APs to help reduce cellular data costs when in depot/garage
- Simplifies additions/moves/changes in device setup
- Creates "vehicle area network" for wireless or wired access to vital resources

4. EXTENSIBILITY

- Simplifies the addition of new devices to the vehicle without changing infrastructure
- Integrates support for fleet management and asset tracking

5. RELIABILITY/REDUNDANCY

- Provides higher availability of connected networks
- Multiple networks provide redundancy during carrier outages
- Links communications to the vehicle, and not to a "removable" laptop
- Ensures vehicles can be tracked even when laptop is turned off, disconnected or removed from the vehicle
- Eliminates antenna breakage – roof mounted antenna and gateway designed for mobile environment

6. SECURITY

- Secures all device and application traffic via extensive VPN support
- Supports all prevalent Wi-Fi security standards

7. MANAGEMENT

- Enables remote over the air configuration and updates/upgrades of gateways



- Simplifies management of the mobile networking environment including end-user devices, data transmission, network availability and coverage, vehicle tracking and health
- Enables remote IT support for end-user devices
- Correlates all mobile activities with location using on-board GPS
- Available as enterprise appliance or hosted service

8. MAINTAINABILITY

- Supports remote configuration and over-the-air software upgrades
- Provides centralized control for security and connection management policies
- Enables monitoring of network performance
- Provides a single, standardized communications platform for the fleet and removes the need to customize service/maintenance
- Improves accessibility, security and performance of all mobile applications
- Upgrades can be performed in the field

9. LONGEVITY

- Provides a communications platform which can flexibly and simply accommodate new services, devices and applications with no expensive upgrades
- Enables organizations to apply “technology refresh” investment to new applications instead of infrastructure.
- Extends the life of functional “tools” (laptops, handheld devices, etc.) by decoupling the device from the communications network. No need to re-train personnel on new equipment in order to take advantage of next generation wireless technology.

10. PROVEN VENDOR

- Hundreds of customers and thousands of units deployed across North America
- Proven experience in law enforcement, EMS, fire, transit and utility organizations.