



Mobile Network Solutions

Cradlepoint Elastic Edge makes mobile networks more flexible, reliable & affordable



SD-WAN | WiFi | Telematics

All-Inclusive Mobile Network Solutions

Cradlepoint Elastic Edge™ provides a modern approach to mobile networking for organizations that depend on field forces and constant mobile connectivity, but that must manage it all with limited IT resources. Each all-in-one mobile routing solution provides extensible in-vehicle 4G LTE and WiFi connectivity and is built on Cradlepoint NetCloud services, which deliver the telematics and location services that fleet managers need and the networking capabilities required by IT managers.

Cradlepoint is the first to bring the flexibility & reliability of SD-WAN to mobile 4G LTE networks.

Capabilities:

Benefits:

Rugged, all-in-one design	→	Purpose-built solutions that can eliminate the need for separate AVL hardware
GPS and telematics support	→	Provide location and telemetry data for critical fleet management applications
Cloud management	→	Manage in-vehicle networks without adding IT staff
Dual 4G LTE modems	→	Always-on connectivity with Auto-Carrier Selection
WiFi-as-WAN	→	Automatically offload video and other bulk data traffic
Mobile SD-WAN	→	Use multiple 4G LTE or WiFi connections to ensure optimal app performance and uptime
Unified edge security	→	Provide secure Internet access while protecting on-board users and devices
Advanced IoT support	→	Connect, secure, and optimize in-vehicle IoT devices

Use Cases:



FirstNet & First Responders



Public & Private Transit



Fleets



Mobile Command Centers

Built & Delivered on NetCloud

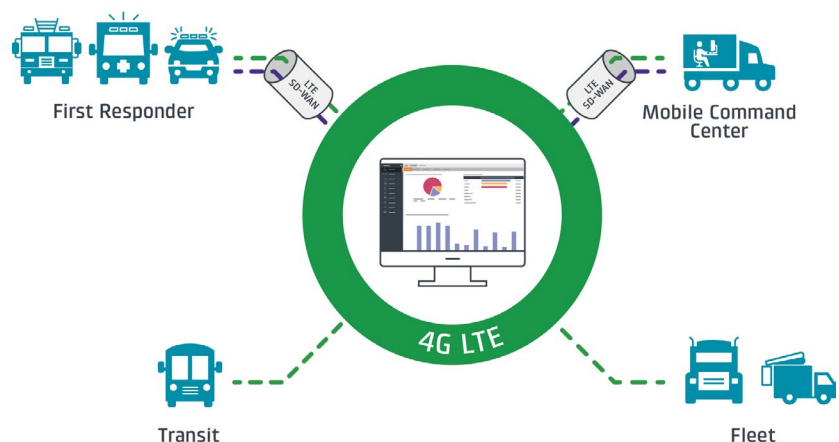


Cradlepoint NetCloud is a service-based platform that spans from cloud to mobile edge to make deploying, managing, and evolving an in-vehicle network easier and less resource-intensive than ever before.

NetCloud Manager: Centrally configure, monitor, visualize, control, and troubleshoot your on-the-move network – WAN to LAN and link to app – from a web console.

NetCloud OS: Cloud-controlled software delivers edge routing, security, and computing, as well as SD-WAN, LTE, and WiFi functionality.

NetCloud Perimeter: Create encrypted and perimeter-secured private overlays that protect in-vehicle IoT devices and isolate them from other networks.



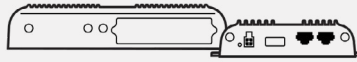
Easy to Own with NetCloud Solution Packages

Cradlepoint NetCloud Solution Packages make it easy to buy, deploy, support, and evolve your mobile network by delivering the essential NetCloud features, hardware endpoints, and support you need as a cloud service with flexible 1-, 3- or 5-year terms.

NetCloud Essentials

- + **Cloud Management:** Centrally manage your entire branch network.
- + **Orchestration:** Click to build a VPN over wireless broadband.
- + **Edge Router:** Full-featured router with integrated 4G LTE and WiFi.
- + **SD-WAN:** Ensure application performance and availability while controlling LTE utilization.
- + **Unified Edge Security:** Firewall, and intrusion and web security for Direct Internet Access (DIA).

Purpose-Built Endpoints



Mobile Routers:
COR IBR1700, COR IBR900 Series



Extensibility:
COR Extensibility Dock (for IBR900)

Comprehensive 24x7 Support

The right support when you need it, with an ongoing commitment to your success.

- + **Phone:** 24-hour weekdays and emergency-only weekends
- + **Web:** 24x7 online case management, 24x5 Chat, and 24x7 Knowledge Base
- + Limited lifetime warranty for hardware

All-in-One Design for Vehicles & Fleets

Converged Design With Extended 4G LTE Coverage Options Means Solutions for Every Type of In-Vehicle Deployment



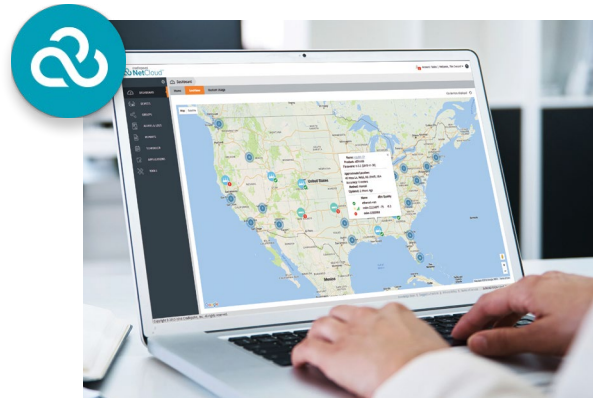
COR IBR1700:

Ruggedized 4G LTE router supports mission-critical fleet management applications



COR IBR900 Series:

Compact, ruggedized 3G/4G/LTE router for advanced in-vehicle connectivity and networking



FEATURE SET	IBR1700	IBR900 SERIES
Supports LTE Advanced	Yes, 600 Mbps	Yes, 600 Mbps
Ports (WAN/LAN switchable)	5 ports – GigE	2 ports – GigE, plus 2 10/100 with Extensibility Dock
WiFi	Simultaneous Tri Band 802.11 a/b/g/n/ac Wave 2 MU-MIMO	Dual-band, dual-concurrent 802.11 a/b/g/n/ac Wave 2 MU-MIMO
GPS	Active GPS/GNSS & dead reckoning	Active GPS with TAIP, NMEA
SIM Slots	2 (4 with second modem)	2 (4 with Extensibility Dock)
OBDII Support	Yes, with accessory cable	No

*Band 14 modem will be available in the future.

Extend NetCloud Functionality

Customers can extend their NetCloud Essentials Solution Packages with a simple upgrade that provides advanced branch networking features, including:

- + Application-aware firewall
- + Application-based traffic analytics
- + Application-aware QoS
- + Web content filtering



CLOUD-MANAGED EXTENSIBILITY

NetCloud Manager API: Extend the value of your Cradlepoint mobile network by integrating NetCloud Manager collected data with third-party management, security, and business applications.

NetCloud OS SDK: Build, deploy, and run a variety of network and IoT edge computing apps on Cradlepoint's Linux-based multi-core routers.

Expand 4G LTE Coverage



MC400 Integrated LTE Modem
Now FirstNet Ready™, the MC400 combines enterprise reliability with unparalleled agility for networking at the edge. Cradlepoint MC400-capable branch, mobile, and IoT routers can be easily upgraded to include industry-leading capabilities such as dual modems and LTE-Advanced Pro.



COR Extensibility Dock:
The Extensibility Dock for the COR IBR900 Series extends connectivity and functionality with a second, modular 4G LTE modem; two Ethernet ports; programmable, general-purpose input/output ports; and redundant power supply.



Antennas:
Externally mount Cradlepoint-certified antennas to maximize the performance and reliability of your mobile networks. Options ranging from permanent roof-mounted antennas to temporary models are available to address signal challenges in any scenario, regardless of the cellular carrier.

Enhance Network Security

Cradlepoint's Innovation Partners program provides seamless integrations with the following industry-leading intrusion, Internet security, and event management solutions:



CP Secure Threat Management (IPS/IDS)
POWERED BY TREND MICRO



Zscaler Internet Security



Cisco OpenDNS



SIEM Platforms