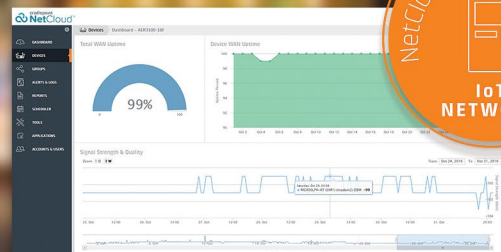


IoT Network Solutions

Cradlepoint Elastic Edge makes IoT networks more flexible, reliable, affordable & secure



cradlepoint

SD-Perimeter | M2M | Edge Compute

All-Inclusive IoT Network Solutions

Cradlepoint Elastic Edge™ provides a modern approach to connecting and protecting IoT devices at scale, whether deployed in the field, in buildings, or in embedded systems – without burdening IT resources. Each IoT network solution provides a choice of 4G LTE and WiFi connectivity options and is built through Cradlepoint NetCloud to deliver complete visibility, security, and control of connected devices anywhere.

Capabilities:	Benefits:
Compact and rugged design	→ Purpose-built solutions supporting 3G and 4G LTE modems, as well as Ethernet and WiFi
Cloud management	→ Centrally monitor and manage IoT devices, no expertise required
Built-in device-to-cloud security	→ Isolate and cloak IoT devices from the Internet and other networks
Edge Computing	→ Build, deploy, and run applications at the WAN edge
Zero-touch deployment	→ Deploy at scale without skilled labor
Multi-carrier and dual-modem support	→ Always-on connectivity
Flexible WAN deployment options	→ Supports wired, LTE, and WiFi-as-WAN connections

Use Cases:

- Smart Cities
- Digital Signage & Surveillance
- Kiosks, ATMs & Lockers
- Plant & Machinery Controls

Built & Delivered on NetCloud

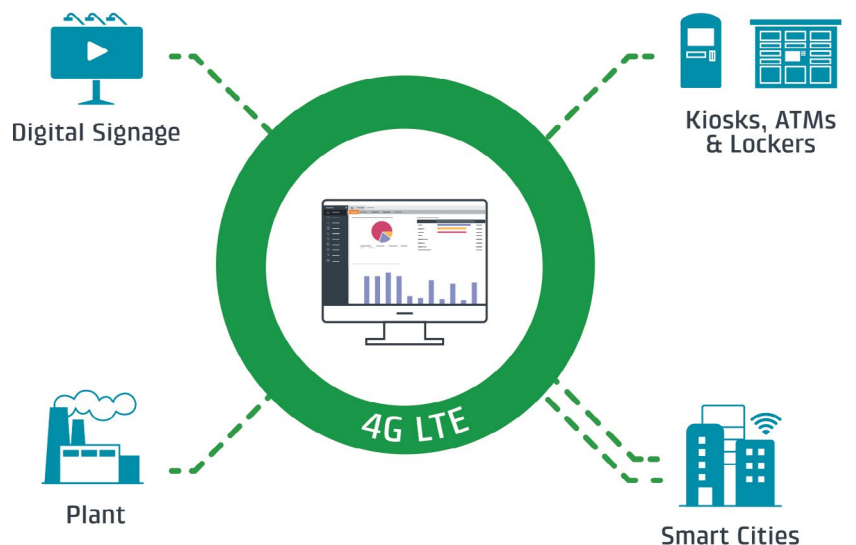


Cradlepoint NetCloud is a service-based platform that spans from cloud to edge and makes it easier to deploy, manage, and secure an IoT device network than ever before – more visibility and control with less resources.

NetCloud Manager: Configure, monitor, control, and troubleshoot your IoT device network from a central web console.

NetCloud OS: Cloud-controlled edge software delivers gateway, routing, security, and local computing as well as diagnostic functionality.

NetCloud Perimeter: Create encrypted and perimeter-secured overlays that protect 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, manage, and evolve your IoT device 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 IoT devices anywhere.
- + **Orchestration:** Click to build a VPN without requiring IT.
- + **IoT Router:** Full-featured router with integrated 4G LTE.
- + **Edge Computing:** Build custom applications, then deploy network-wide from the cloud.
- + **SD-Perimeter:** In just minutes, create an overlay network that isolates and cloaks IoT data.

Purpose-Built Endpoints



IoT Routers:

COR IBR600B Series & IBR600C Series,
COR IBR200



Extensibility:

COR Extensibility Dock
(for IBR600B & C Series)

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

Managed, Flexible Solutions for Every Deployment

From extensible to affordable, cloud-managed IoT routers with best-in-class LTE



COR IBR600B Series:

Semi-ruggedized 4G LTE router that is ideal for standalone and embedded deployments.



COR IBR600C Series:

Semi-ruggedized 4G LTE router with 3G fallback, providing maximum deployment flexibility.



COR IBR200:

Compact, semi-ruggedized 4G LTE router with 3G fallback – an affordable solution that does not sacrifice security.

FEATURE SET	IBR600B SERIES	IBR600C SERIES	IBR200
Supports LTE Advanced	Yes, with second modem in Extensibility Dock	Yes, with second modem in Extensibility Dock	No
Ports (WAN/LAN switchable)	1 port – GigE, 1 port – 10/100, plus 2 ports – 10/100 with Dock	1 port – GigE, 1 port – 10/100, plus 2 ports – 10/100 with Dock	1 10/100
WiFi	2x2 MIMO 802.11 b/g/n	2x2 MIMO 802.11 b/g/n	1x1 802.11 b/g/n
SIM-Based Auto-Carrier Selection	Yes (AT&T, T-Mobile & Verizon)	No, carrier switching via software-defined radios	No
SIM Slots	2	2	1
GPS	None	Passive GPS	Passive GPS
Enterprise-Grade Modems	Embedded 150 Mbps 4G LTE (150/50 Mbps DL/UL Max)	Embedded 100 Mbps 3G/4G/LTE (100/50 Mbps DL/UL Max)	Embedded Cat 1 10 Mbps LTE (10/5 Mbps DL/UL Max)

Extend NetCloud Functionality

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

- + Advanced enterprise routing
- + Carrier, WAN, and LAN analytics
- + Advanced VPN and tunneling
- + Remote LAN device management



CLOUD-MANAGED EXTENSIBILITY

NetCloud Manager API:

Extend the value of your Cradlepoint IoT 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



COR Extensibility Dock:

The Extensibility Dock for the COR IBR600B and IBR600C 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 optional Cradlepoint-certified antennas to maximize the performance and reliability of your IoT networks. Address signal challenges in any scenario, regardless of the cellular carrier.

Enhance IoT Security

NetCloud Perimeter provides perimeter-secured and encrypted overlay networks that can be set up in minutes for scalable device-to-cloud connectivity. Best of all, it's included with every NetCloud Essentials Solution Package for IoT.

- + **Virtual APN:** Works with or without a private APN.
- + **Private IP Addressing:** Devices cannot be reached from the Internet.
- + **Block Inbound Traffic:** Fully routable without a public/static IP or open inbound ports.
- + **Access Control:** Invite-only authentication and admin-controlled access.
- + **Micro-Segmentation:** Isolate devices from other devices and networks.

