



Branch Connectivity Services

Gain high availability and agility with Cradlepoint all-in-one branch connectivity services.



SD-WAN | Edge Security | WLAN




All-in-One Branch Network Services

Cradlepoint Elastic Edge™ provides a modern approach to wireless branch networking for small and mid-sized organizations that need to deliver enterprise-class capabilities and high availability with limited IT resources. Each advanced edge router is built on Cradlepoint NetCloud services, which brings the efficiency of cloud management and the reliability of Software-Defined Networking to the WAN and across the branch.


Cradlepoint is the first to provide all-in-one branch services with Gigabit-Class LTE as the next step on the Pathway to 5G.

Capabilities:		Benefits:
All-in-one design	→	Eliminates the need for multiple pieces of hardware
Cloud management	→	Efficient use of IT staff
Elastic Wideband Technology	→	Exceptional cellular connectivity
Gigabit-Class LTE	→	2-6x performance improvement
Dual LTE modems	→	Always-on connectivity with Auto-Carrier Selection
LTE-optimized SD-WAN	→	Diverse WAN connections to ensure optimal application performance & uptime
Extended wireless coverage	→	WiFi & LTE coverage across sites with single-pane-of-glass management
Unified edge security	→	Provide secure Internet access & protected on-site users without backhauling
Zero-touch deployment	→	Day-1 Internet without on-site IT staff
Advanced OOBM	→	Remote troubleshooting for the entire branch site
Advanced IoT support	→	Connected & protected branch IoT devices


Use Cases:




Primary Networks:
Small & Medium Branch




Failover &
OOBM



Temporary
Networks



Store-Within-
a-Store



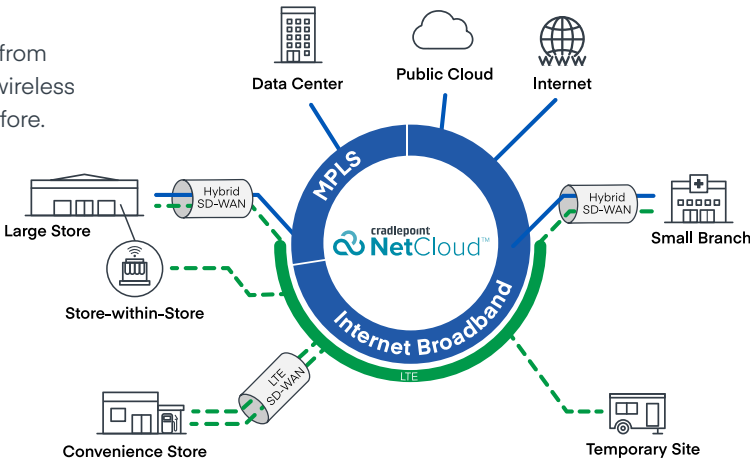
Parallel
Networks

Built & Delivered on NetCloud

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

Centrally configure, monitor, visualize, control, and trouble-shoot your network — WAN to LAN and link to app — from a web console. Easily configure routing, security, LTE, SD-WAN and WiFi functionality at the network, rather than appliance, level.

The NetCloud service ensures that LTE connections originate in the best possible way, persist throughout the duration of the connection, and perform with the most efficient use of LTE bandwidth.



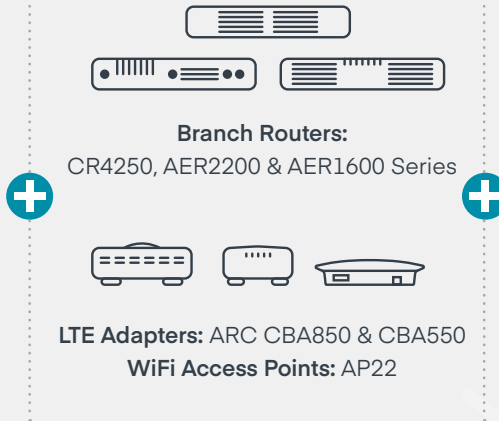
Easy to Own with NetCloud Packages

Cradlepoint NetCloud Packages make it easy to buy, deploy, support, and evolve your branch network by delivering the essential NetCloud features, networking devices, 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 wired & wireless broadband.
- **Edge Router:** Full-featured router. AER Series includes integrated LTE & WiFi.
- **SD-WAN:** Ensure app performance & availability while controlling LTE utilization.
- **Unified Edge Security:** Firewall, and intrusion and web security for Direct Internet Access (DIA).

Purpose-Built Network Devices



Comprehensive 24x7 Support

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

- **Phone:** 24-hour weekdays & emergency-only weekends
- **Web:** 24x7 customer community for online case management, chat & Knowledge Base & forum search
- Limited lifetime warranty for hardware

All-in-One & One For All

Converged Design With Extended LTE & WiFi Coverage Options Means Solutions For Every Small & Mid-size Branch



AER2200:

Advanced Edge Router for small to mid-sized branches with expanded connectivity needs



AER1600 Series:

Advanced Edge Router for smaller sites, Parallel Networks, and branch continuity



CR4250:

Branch performance router for mid-sized branches with higher performance needs

Feature Set	AER2200	AER1600 Series	CR4250
LTE	LTE Advanced Pro*	LTE Advanced**	Optional with CBA850*
Ports (WAN / LAN switchable)	10 GigE ports	5 GigE ports	8 GigE ports & 2 SFP+ ports
WiFi (Dual-band a/b/g/n/ac)	External antennas, 4x4 MIMO	Internal antennas, 2x2 MIMO	Optional with AP22
Dual-Modem Support	1 embedded, 1 modular	1 embedded, 1 modular	Optional with CBA850s
Core Processor	716 MHz quad-core processor	800 MHz dual-core processor	2.2 GHz x86 quad-core processor
Power-Over-Ethernet	Yes (up to 4 ports)	No	Yes (up to 8 ports) [†]
Pathway to 5G	With modular modem such as MC400-1200M-B	With modular modem such as MC400-1200M-B	With external Gateway such as CBA850

*Theoretical maximum modem speed. 1.2 Gbps with available Gigabit-Class LTE modem. | **Theoretical maximum modem speed. 300 Mbps with available LTE Advanced modem. | [†]With CP4250-POE SKU only



Extend NetCloud Functionality

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

- Application-aware firewall
- Application-aware QoS
- Threat Management
- Application-based traffic analytics
- Web content filtering

Cloud-Managed Extensibility

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

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

Add or Expand LTE & WiFi Coverage



ARC CBA850 & CBA550:

Flexible LTE Adapters work with any branch or SD-WAN router to provide remote cellular coverage via Ethernet

Feature Set	CBA850	CBA550
Cloud Management	Yes	Yes
OOBM	Yes	No
Ports (LAN / WAN)	2 (GigE) & 1 (console)	1 10/100
LTE	1.2 Gbps*	150 Mbps*
Sim Slots	2	2
Power-Over-Ethernet	Yes or power adapter	Yes

**Theoretical maximum speed with available Gigabit-Class LTE modem.*



AP22:

Expand branch WiFi coverage with cloud-managed and easy-to-install Access Points

AP22	
Cloud Management	Yes
WiFi Radios	3
High-Capacity WiFi	248 concurrent sessions
Fast Roaming	802.11R
Wired Connectivity	Gigabit Ethernet
Client & Application Visibility	Yes**

***When combined with the AER2200 router or the CR4250.*

Dual-Ended Cradlepoint Network for Easy VPN Setup

Organizations that want to move to a simple, centrally managed WAN can take advantage of Cradlepoint Auto VPN and Cradlepoint headend solutions. Using Auto VPN makes setting up secure connections to the datacenter or cloud very simple.



Cradlepoint Virtual Router



CR4250

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 Open DNS
- SIEM Platforms
- Webroot

Contact Cradlepoint to learn more: +1.855.813.3385 | [cradlepoint.com](https://www.cradlepoint.com)