



Retail / Food & Beverage



Financial Services / Insurance



Public Sector / Education



Healthcare



Construction



Pop-Up

CRADLEPOINT AER SERIES:

Advanced Edge Routing for the Agile, Connected Enterprise



cradlepoint

Wired and LTE Wireless Routing Platforms for Branch Office, Retail, and More

The Cradlepoint AER Series of advanced edge routing platforms combines enterprise routing, multi-WAN support – wired plus 4G wireless, SD-WAN capabilities, advanced security, private network support, and high-performance WiFi in a series of routers that can be deployed, managed, and optimized via the cloud.

With the combination of Cradlepoint AER routers and NetCloud software and services, administrators can define, deploy, and manage branch networks on a highly capable solution platform that is customizable and lowers the total cost of ownership.

Applications:

- + Branch office networks
 - + Wired and wireless WAN, WiFi, and failover
- + M2M / IoT for branch office
 - + Kiosks, cameras, and sensors
 - + Transactions and security
- + Failover networks
 - + Easy overlay for existing networks
 - + Out-of-Band Management
- + Specialty networks
 - + Pop-up store and events
 - + Connect anywhere

All-in-One Features:

- + Cloud-managed with NetCloud platform
- + WAN Diversity: wired and wireless for backup and bandwidth, or all wireless
- + Dual-modem and multi-carrier support
- + Industry-leading 4G failover and Out-of-Band Management
- + Cloud-enabled advanced routing and security options for UTM
- + Purpose-built for PCI Compliance

Benefits:

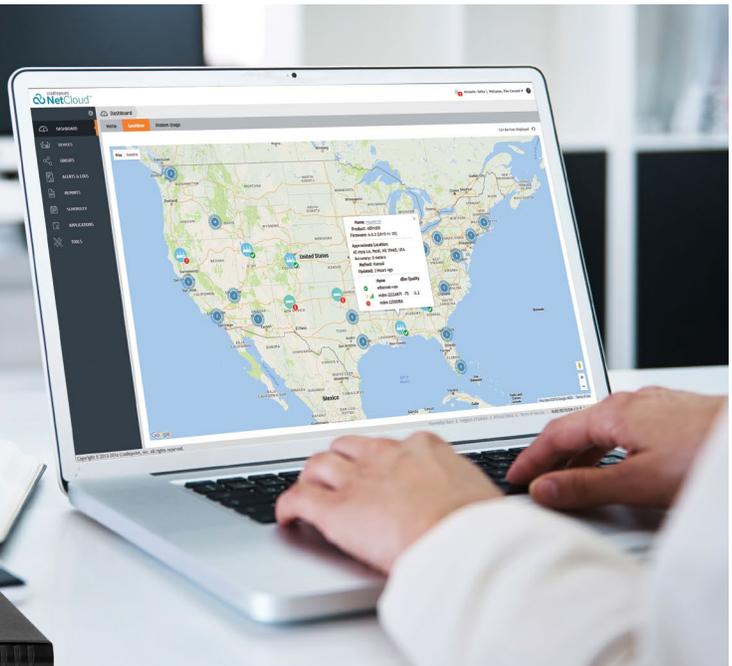
- + Centralized management with proactive alerts and analytics provide peace of mind for network administrators
- + Agile networks for changing environments
- + Deploy and scale quickly: day 1, zero-touch Internet
- + Increased availability and improved user experience (QoE)
- + Additional bandwidth options with traffic control
- + Built-in security, plus add-ons from best-in-class technology partners

AER Series at a Glance

AER3100 Series: all-in-one primary routing for branch

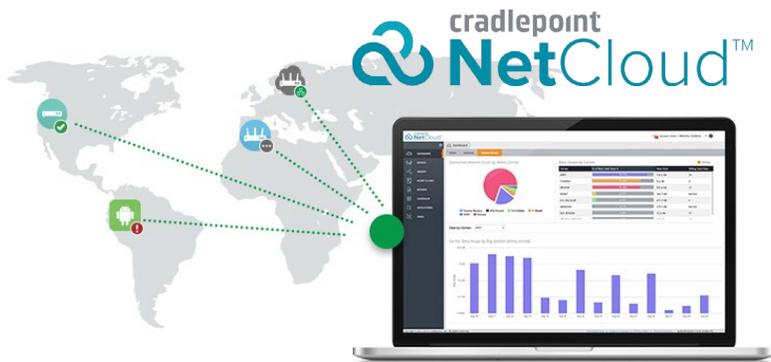
AER2100 Series: primary, temporary, pop-up & mobile

AER1600 Series: branch primary & application-specific



AER1600 Series, AER2100 Series & AER3100 Series

Cloud Networking for Branch Office, Retail, and More



Cradlepoint's NetCloud platform includes an industry-leading router operating system, an award-winning management platform optimized for cellular, and virtual private cloud networking. When combined with Cradlepoint routers, this integrated platform of flexible, extensible, and rapidly deployable applications enables an entirely new way to easily build, secure, control, and manage end-to-end private networks in the cloud.

NetCloud OS

FIREWALL, ADVANCED ROUTING – OPTIMIZED FOR LTE

NetCloud OS is the heart of our industry-leading LTE routers. Sustained commitment to new features and capabilities ensures your network is always up to date and secure.

Learn more:
cradlepoint.com/netcloud-os

NetCloud Manager

QUICKLY DEPLOY, MANAGE & MONITOR YOUR NETWORK

NetCloud Manager is a cloud management service that enables zero-touch deployment, remote management, alerting, and network analytics for all Cradlepoint routers.

Learn more:
cradlepoint.com/netcloud-manager

NetCloud Engine

SOFTWARE-DEFINED. SECURITY-DRIVEN. CLOUD-DELIVERED.

NetCloud Engine leverages Software-Defined Networking (SDN) to instantly create secure Virtual Cloud Networks over more cost-effective wired and wireless broadband Internet services.

Learn more:
cradlepoint.com/netcloud-engine

FEATURE SET	AER3100 SERIES	AER2100 SERIES	AER1600 SERIES
Supports LTE-Advanced	Yes	Yes	Yes
Cloud Management	Yes	Yes	Yes
Security: Stateful Firewall & IPS / IDS*	Yes	Yes	Yes
SD-WAN & Virtual Cloud Networking	Yes	Yes	Yes
Ports (WAN / LAN switchable)	1 GigE WAN 12 GigE LAN	1 GigE WAN 4 GigE LAN	1 GigE WAN 4 GigE LAN
WiFi (Dual-band, dual-concurrent a/b/g/n/ac)	External antennas 3x3 MIMO	External antennas 3x3 MIMO	Internal antennas 2x2 MIMO
Dual-Modem Support	2 integrated	2 integrated	1 embedded, 1 integrated
Processor	1.2GHz dual-core processor	800MHz dual-core processor	800MHz dual-core processor
Power-over-Ethernet	Yes (4 ports .af OR 2 port high power.at)	No	No

*Requires CP Secure Threat Management application.

Security Applications

Enhance network security with best-in-class applications from Cradlepoint Technology Partners. Create, deploy, and manage network security applications at remote locations with the Cradlepoint NetCloud platform. Improve productivity, reduce costs, and enhance the security intelligence of your network.



Zscaler Internet Security

Configured in minutes, best-in-class Zscaler Internet Security protects your organization from web-based threats.



CP Secure Threat Management

A comprehensive intrusion prevention and detection system (IPS/IDS) for full defense-in-depth.

Learn more at: cradlepoint.com/security

AER Platform Extensibility

Cradlepoint Extensibility enables customers and developers to build one-of-a-kind applications and vertical solutions by extending key elements of the Cradlepoint platform. By leveraging our hardware, firmware, and cloud services, developers can add differentiation and unique value to the solutions they offer.

Router SDK (Open Beta)

Build custom vertical applications securely running at the Edge, protected on device, and deployed through the cloud. Manage, deploy, and monitor customer Edge applications from the cloud across the entire fleet.

NetCloud API

Cradlepoint's API provides the building blocks developers need to craft applications that access the data from a software platform.

Developer Community (Open Beta)

The Cradlepoint Developer Community enables members to leverage knowledge, share, and collaborate with other developers.

Learn more at: cradlepoint.com/platform-extensibility

