Advanced Edge Routing Solutions

Cloud Managed

Analytics

UTM

99.99%
4G Failover

PCI Compliance

WiFi

Cradlepoint AER Series

FOR SMALL & MICRO BRANCH NETWORKS

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Cloud Managed, All-in-One Networking Solution

Cradlepoint's AER platform is the industry's most robust cellular WAN management application system, and is the only 4G LTE networking platform to offer dual-modem multi-carrier support and Unified Threat Management (UTM) capabilities to meet the growing needs of small and micro branch networks.

This all-in-one networking solution combines routing, multi-WAN support (wired + 4G wireless), advanced security, private network support, and high performance WiFi in a platform that can be deployed, managed, and optimized via the cloud.

Administrators can extend best-in-breed management and security applications to remote branches with a solution that is customizable and lowers the total cost of ownership in a single deployment.

Branch Offices: Mobile, Micro, Small, and Popup

Retail   Construction   Healthcare   Public Safety

Corporate Network
Internet & Cloud Applications

Private Networks | Public Internet | Secure Management

Security | Guest / Vendor Access | Policy | WAN Optimization & Analytics

Wired | 3G/4G | WiFi

Wired & Wireless WAN Convergence | Power Over Ethernet (PoE)

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Enterprise Cloud Manager

Cloud-Enabled Features

- Advanced Routing Capabilities
- Unifed Threat Management
- Secure VPN

BENEFITS

IMPROVE QoE & INCREASE AVAILABILITY

- Increase availability with seamless 4G failover
- WAN Diversity: 4G, Ethernet (T1, DSL, Cable, MetroE), WiFi as WAN
- Support cloud optimized IP multimedia communications
- Robust, real-time analytics to manage QoE performance, data usage, and costs

MAXIMIZE FLEXIBILITY

- Dual-modems with multi-carrier support for a "Cut-the-Wire" solution
- Add burst bandwidth easily for peak periods
- Integrate with MPLS networks for Hybrid WAN deployments
- Application aware policies for intelligent WAN selection and data usage optimization

DEPLOY & SCALE QUICKLY

- Increase speed to deployment with "zero-touch" configuration at installation
- Deploy services for increased security and advanced networking via the cloud
- Integrate easily with enterprise applications using Cradlepoint's open API

SECURE & PROTECT

- Protect assets with IPS/IDS, stateful firewall, network segmentation, and VLAN support
- Secure data transactions with advanced VPN options
- Integrate Zscaler to inspect "direct to internet" traffic with near-zero latency
- Purpose-built for PCI Compliance
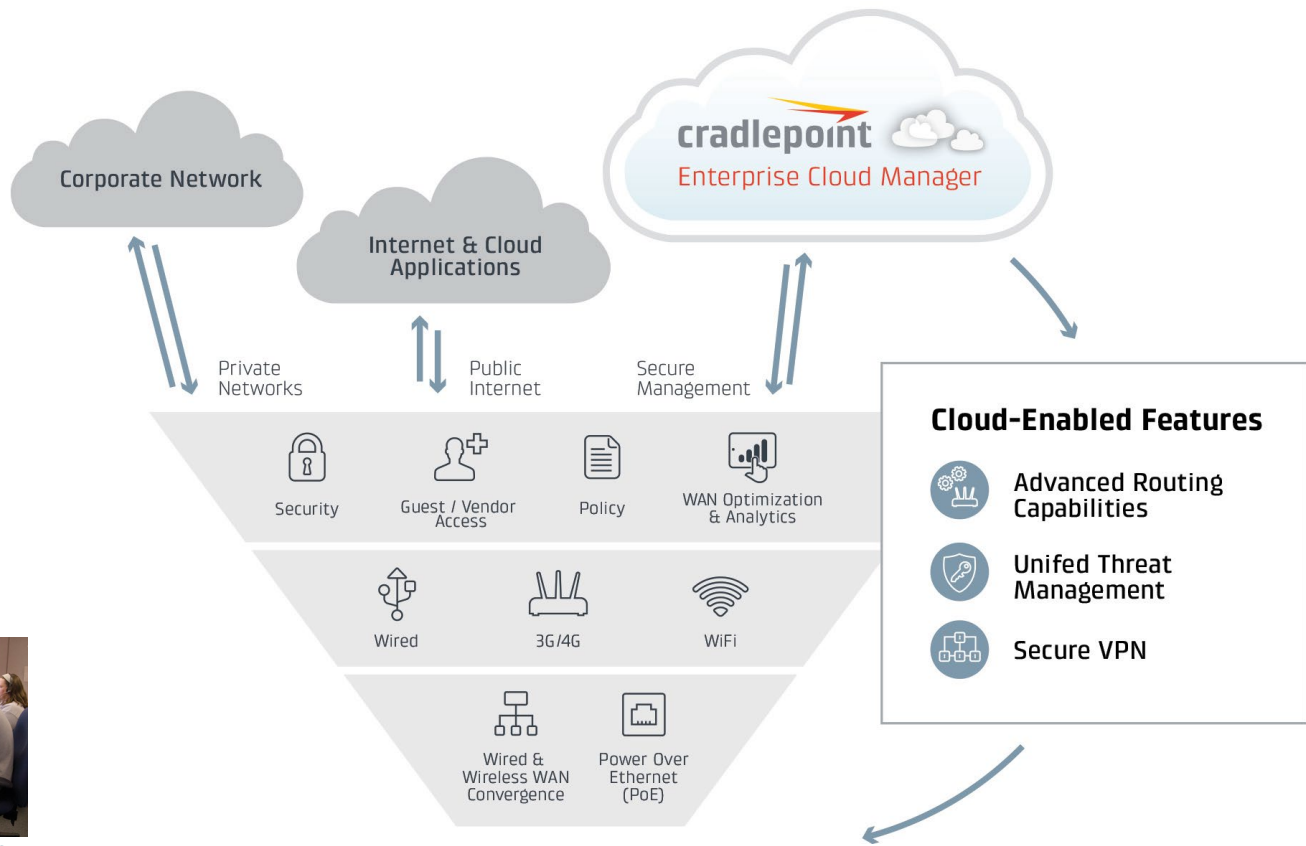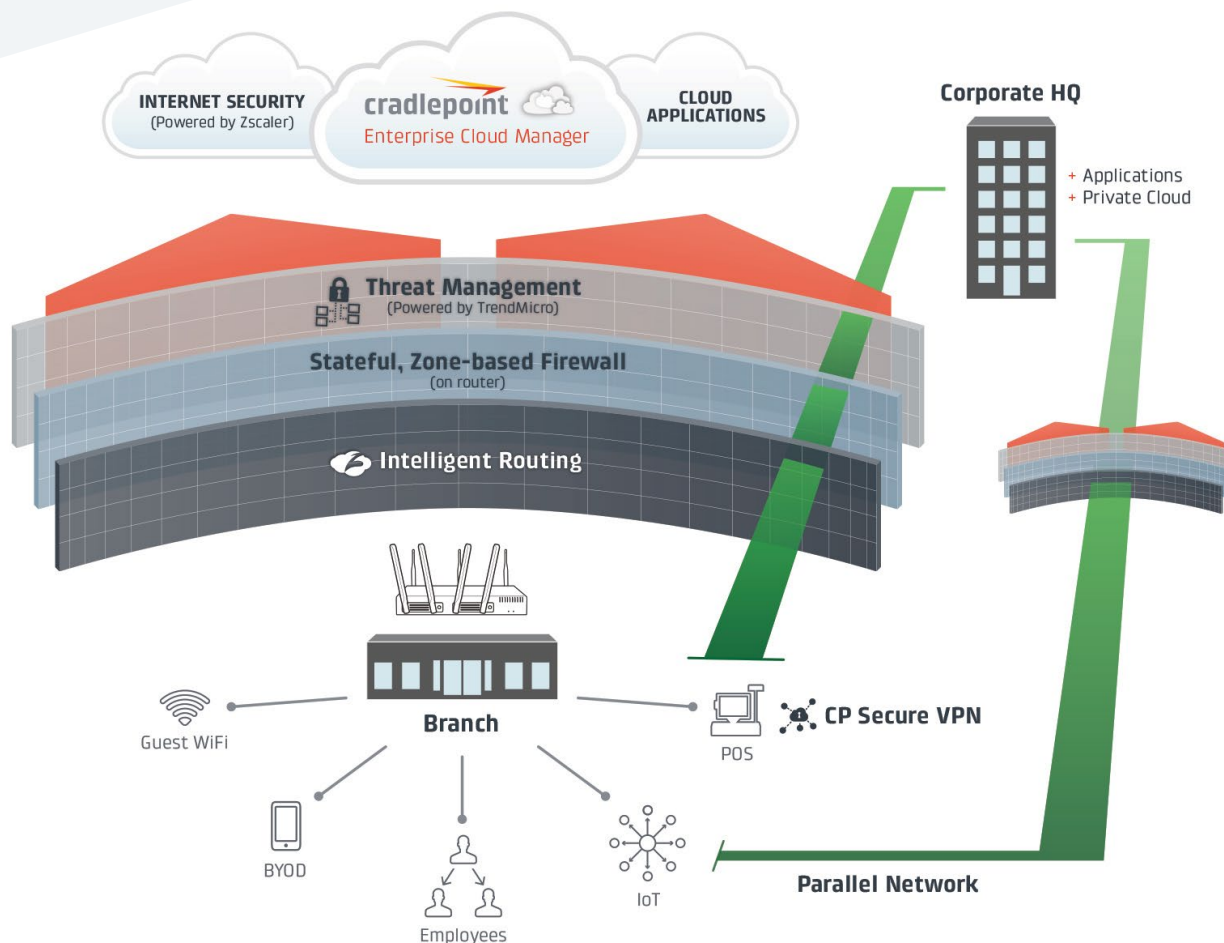
ALL-IN-ONE FEATURES

- + Cloud-managed
- + Dual modem-Multi Carrier Support
- + Dual-band, dual concurrent WiFi (802.11 a/b/g/n/ac)
- + WAN Diversity for backup, hybrid, or primary WAN
- + Industry-leading 4G failover
- + Unified Threat Management
- + 4 port PoE (AER3100 only)
- + Cloud-enabled advanced routing & security options
- + Software-defined radio supports multiple carriers
- + Purpose-built for PCI Compliance

A   B

Carrier A   Carrier B

AER1600
AER2100
AER3100
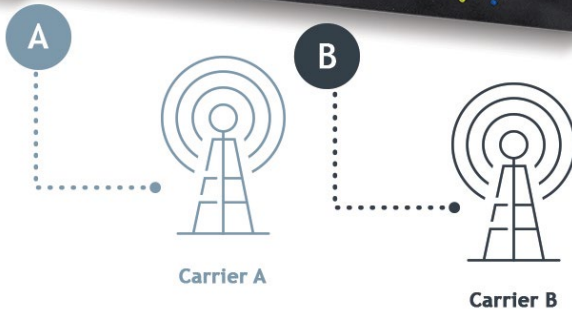
AER SERIES AT A GLANCE

Feature Set	AER3100	AER2100	AER1600
WiFi (Dual-band, dual concurrent a/b/g/n/ac)	Yes	Yes	Yes
Dual Modem	Yes	Yes	Yes
Cloud Management	Yes	Yes	Yes
WiFi as WAN	Yes	Yes	Yes
Ports (WAN/LAN)	1 GigE WAN / 12 GigE LAN (Switchable)	1 GigE WAN / 4 GigE LAN (Switchable)	1 GigE WAN / 4 GigE LAN (Switchable)
Rack Mount	Yes	Optional Kit	No
Processor	1.2Ghz dual-core processor	800Mhz dual-core processor	800Mhz dual-core processor
Memory	1GB DDR3	256MB DDR3	256MB DDR3
Power-over-Ethernet	Yes (4 ports .af OR 2 port high power.at)	No	No

UNIFIED THREAT MANAGEMENT AT THE EDGE

INTERNET SECURITY
(Powered by Zscaler)

cradlepoint
Enterprise Cloud Manager

CLOUD APPLICATIONS

Corporate HQ
+ Applications
+ Private Cloud

Threat Management
(Powered by TrendMicro)

Stateful, Zone-based Firewall
(on router)

Intelligent Routing

Branch

Guest WiFi

BYOD

Employees

IoT

CP Secure VPN

POS

Parallel Network

Defense In-Depth

Configured, deployed, and managed from the cloud, Cradlepoint's security suite provides a layered approach that defends against evasion attacks, improves network availability, and protects sensitive data from malicious malware and advanced threats. This Unified Threat Management solution leverages threat intelligence from best-in-breed cloud partners Zscaler and Trend Micro to create a hybrid of on-premise, cloud-enabled security ideal for small branch networks.

LEARN MORE AT **CRADLEPOINT.COM/AER**

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PROTECT YOUR INVESTMENT: 24/7 SUPPORT

Keep deployments running with less time and effort. CradleCare Support gives IT professionals access to a dedicated Cradlepoint Support Engineer, who provides consultation on network design, works with multiple parties—including wireless operators—to triage and address issues, and to serve as one point of contact with guaranteed response times.

For more information, visit Cradlepoint.com/CradleCare.