Advanced Edge Routing Solutions

Cradlepoint AER Series

FOR SMALL & MICRO BRANCH NETWORKS

Cloud Managed

Analytics

UTM

99.99% 4G Failover

PCI Compliance

WiFi

cradlepoint

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.

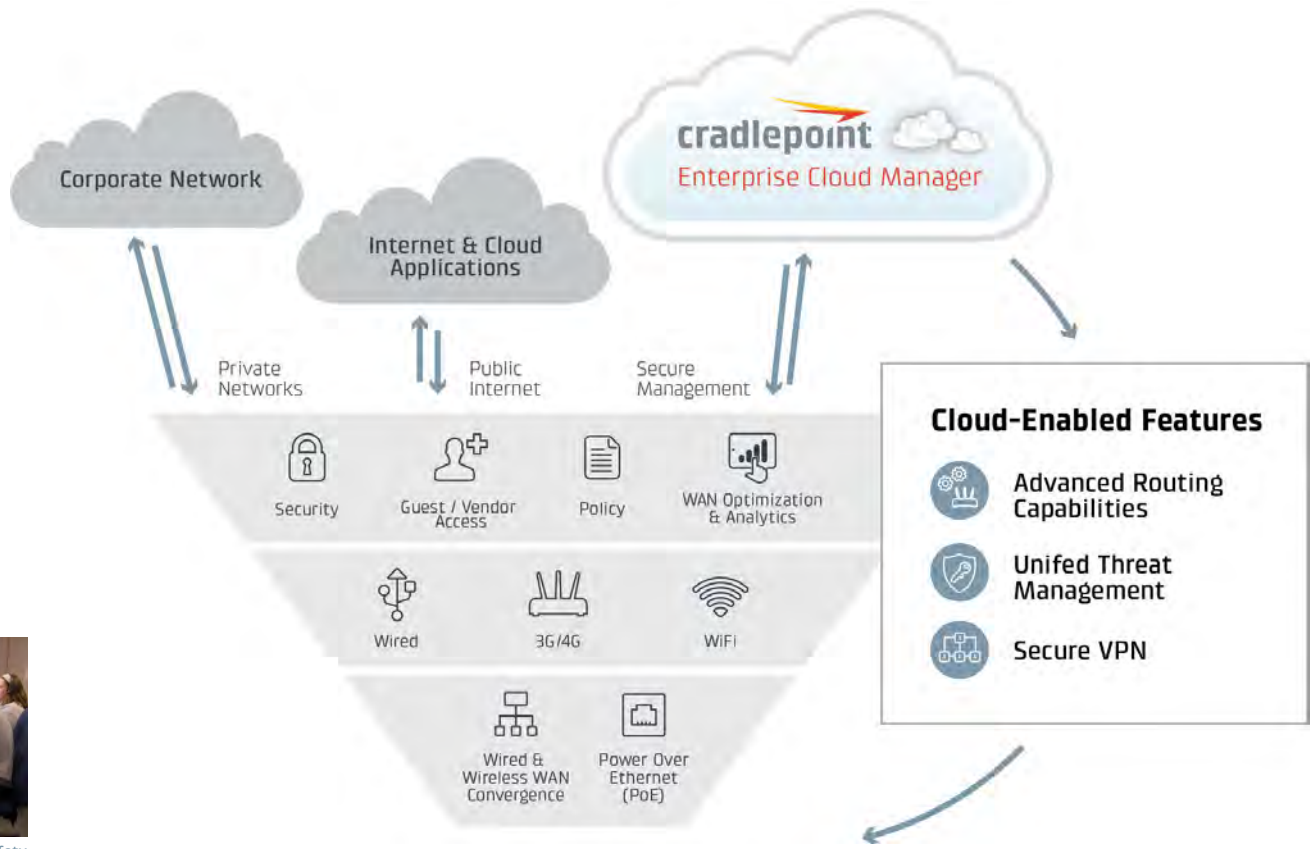## Branch Offices: Mobile, Micro, Small, and Popup

Retail

Construction

Healthcare

Public Safety

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

Cloud-Enabled Features

- Advanced Routing Capabilities
- Unifed Threat Management
- Secure VPN

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
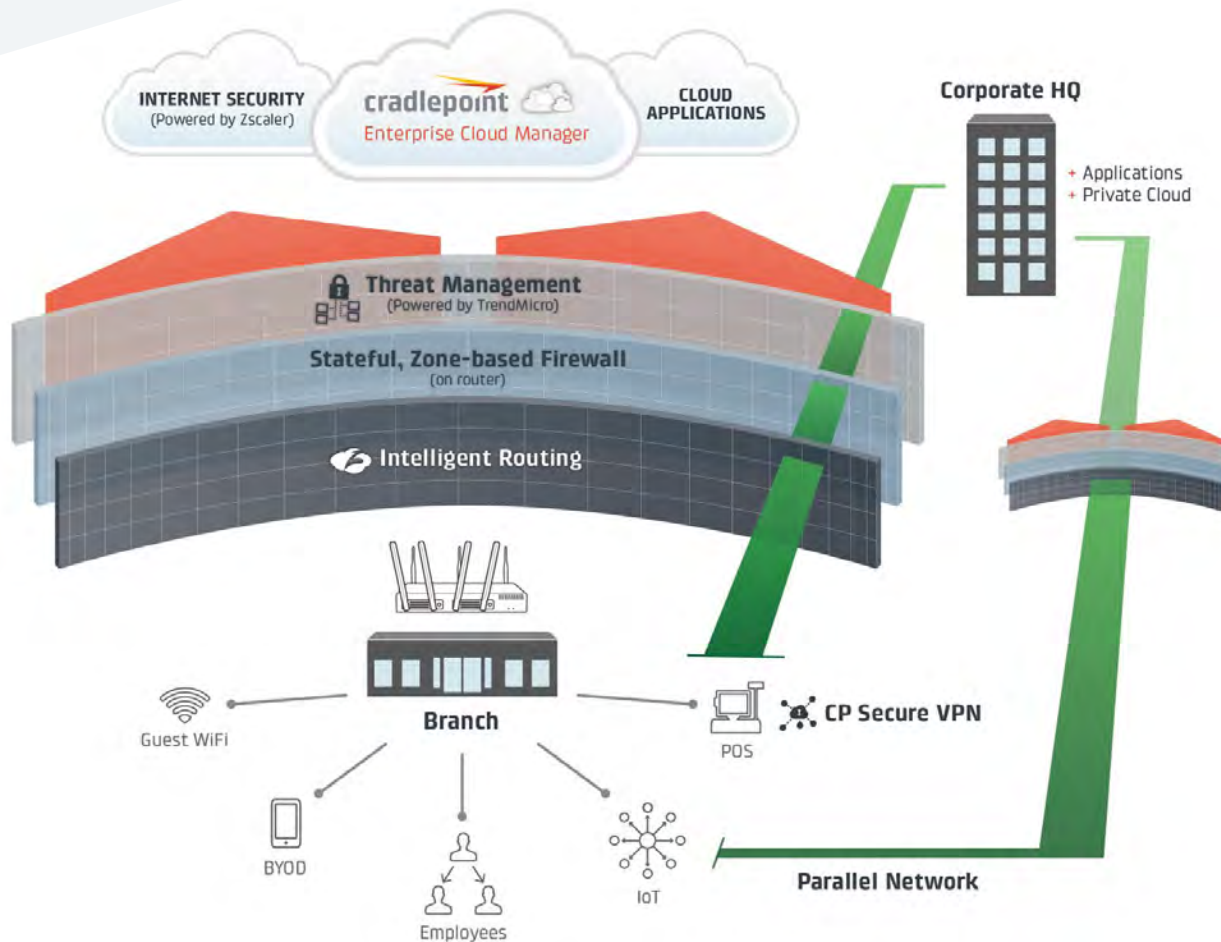
Carrier A

Carrier B
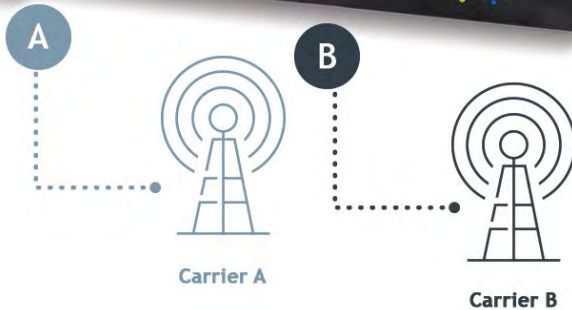
AER SERIES AT A GLANCE

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

AER1600

AER2100

AER3100

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UNIFIED THREAT MANAGEMENT AT THE EDGE

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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