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Wireless Edge Solutions with Cloud Control
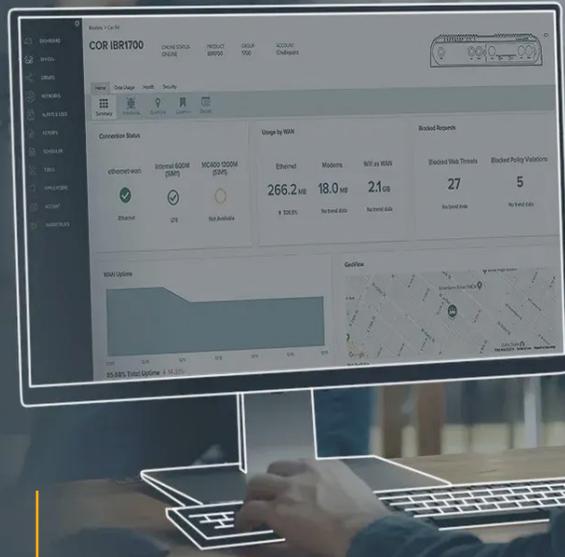
NetCloud Service, combined with a purpose-built cellular-enabled wireless edge router, is delivered as a subscription aligned to meet your business needs for branch connectivity, branch continuity, in-vehicle, SOHO, and IoT networks.

- **Management & Orchestration**
- **LTE/5G Connection Management**
- **WAN Edge Routing & Security Services**
- **IoT Services**
- **Extensibility & Open Integrations**
- **Insights & Dashboard Analytics**

NetCloud Service Includes

— **24x7 enterprise-level support from accredited Cradlepoint network engineers in Boise, Idaho, London, UK, and Melbourne, Australia**

— **Limited lifetime warranty**

— **Ongoing software updates**

— **On-demand training and certifications**

Integrated Services for the Wireless WAN

Network Services
- Enterprise-Class Routing
- SD-WAN Traffic Control
- VPN Connectivity
- Out-of-Band Management

Security Services
- Next-Gen Firewall
- Secure Internet Access
- Web Filtering
- Threat Detection

IoT Services
- Device-to-Cloud Connectivity
- SD-Perimeter Overlay
- Device-Centric Security
- Edge Computing

Connection Management
- LTE and 5G Connectivity
- Intelligent Carrier Selection
- Cellular-Tailored Visibility and Analytics
- Integrated Wi-Fi

Solutions Built for Wireless

Zero-Touch Deployment

Just plug in and go with zero-touch deployment features that automatically connect, license, configure, and select the best carrier — enabling instant setup of Wireless WAN edge solutions.

Policy-Based Control

Easy to configure networks to route traffic based on bandwidth usage, application content, cellular data usage, or preferred link to maximize availability and uptime.

SD-WAN for Wireless

Ensure optimal application quality and availability with integrated SD-WAN that's deployed at scale with minimal disruption. Cradlepoint SD-WAN is built for a wireless, cloud-first world.

Full-Stack Analytics

Gain insight into applications, network health, and security data through intuitive dashboards and actionable alerts. Receive a full picture of their Wireless WAN, applications, and network usage.

Mobile Application

Access a range of NetCloud management features from a phone or tablet. An intuitive interface provides access to critical troubleshooting, security events, alerts, and reports — anywhere, any time.

Full Lifecycle Management

NetCloud simplifies network management by making it easy to understand and apply licenses, identify and push out software updates, upgrade software feature sets, amass education tools, and connect with other customers.

Extend NetCloud

NetCloud Service and Cradlepoint endpoints can access network data that third-party applications need to provide higher levels of insights and control. NetCloud's extensibility makes this rich data available in a variety of ways to meet user requirements. Whether a turn-key solution, a differentiated general connection/application, or a custom connection is required, NetCloud offers flexibility in making the connections.

— **NetCloud-Delivered Integrations**

— **NetCloud Developer Tools**

— **Partner Technology Solutions**

— **Container NetCloud Orchestrator**

To learn more about NetCloud Service features, go to cradlepoint.com/products/details.

For more information about how Cradlepoint NetCloud Service and cellular-enabled endpoints offer wireless edge solutions, contact us at cradlepoint.com/contact-us.

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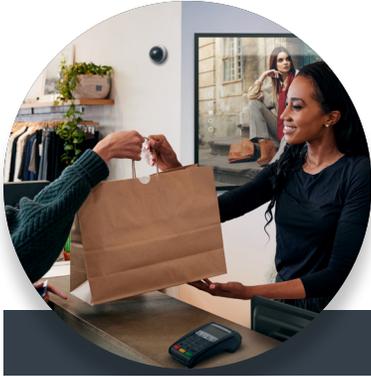
NetCloud Service for Branch Connectivity

NetCloud Service for Branch provides the enterprise capabilities that businesses need to connect all their locations. Delivered through a variety of LTE and 5G enabled endpoints including routers and adapters, NetCloud provides enterprise-class reliability, manageability, and security — allowing cohesive management, at scale, at the converged LTE or 5G edge.

ESSENTIALS		ADVANCED (INCLUDES ESSENTIALS)
Secure Remote Management & Orchestration	Dynamic Routing Protocols, Traffic Steering & QoS	Application-Aware Traffic Steering, QoS, Networking & Firewall
Zone-Based Firewall & VPN	In-Band & Out-of-Band Management	Web Filtering & Threat Management
Real-Time Troubleshooting Tools & Diagnostics	Insights, Alerts & Dashboard Analytics	Cellular Health, Traffic & Security Dashboards
Modem-Data-Usage Dashboard & Predictive Alerting	Location Services	IoT Ecosystem Integration (Microsoft, AWS)
Extensibility (SDK, API, third-party integrations)		Docker Container Support

Branch Connectivity Routers

E3000 Series Enterprise Router

E300 Series Enterprise Router

CR4250 Series Router

Endpoint	Typical Client Count	Firewall Throughput	Ethernet Ports	PoE	Wireless WAN Modem Options	5G Status	Wi-Fi	Dual-Modem Support
E3000 Series	100	2 Gbps	9 x GbE 1 x 2.5 GbE 1 x 10 GbE SFP+	4 x 802.3bt 140W PoE Budget	5G / LTE Cat 18 Modem	5G Embedded & 5G Optimized (LTE)	802.11ax (Wi-Fi 6) 4x4 MU-MIMO	Yes (1 x MC400)
E300 Series	50	940 Mbps	5 x GbE 1 x 10 GbE SFP+	No	LTE Cat 4, Cat 7, or Cat 18 Modem	5G Ready (Captive Modem)	802.11ax (Wi-Fi 6) 2x2 MU-MIMO	Yes (1 x MC400)
CR4250 Series	200	2.1 Gbps	8 x GbE 2 x 10 GbE SFP+	8 x 802.3at 130W PoE Budget	With L950 Series	5G Ready (Captive Modem)	No	Connect with 2 adapters

Product availability may vary by country.

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NetCloud Service for Branch Continuity

Businesses and organizations rely on connectivity to other devices, applications, and to the cloud to continue vital operations. When network connections are crucial, it's important to have a diverse secondary network based on cellular with rapid failover to avoid losing data or transactions.

ESSENTIALS		ADVANCED (INCLUDES ESSENTIALS)
⌁ Secure Remote Management & Orchestration	⌁ Adapter Operating Modes (IP Passthrough, IP Passthrough with Inline Failover, NAT, Captive Modem)	⌁ In-Band & Out-of-Band Management
⌁ Traffic Steering & QoS	⌁ Troubleshooting & Diagnostics	⌁ Real-Time Troubleshooting Tools
⌁ Insights, Alerts & Dashboard Analytics	⌁ Extensibility (SDK, API, third-party integrations)	⌁ Cellular Health & Modem Data-Usage Dashboards
		⌁ Customized Failover Report

Branch Continuity Adapters

W4005 Series 5G Wideband Adapters

W2005 Series 5G Wideband Adapters

W1850 Series 5G Wideband Adapter

L950 Series LTE Adapter

CBA550 Series LTE Adapter

Endpoint	Passthrough Throughput	Ethernet Ports	PoE	Wireless WAN Modem Options	5G Status	Wi-Fi
W4005 Series (Outdoor)	2 Gbps	2 x 2.5 GbE	802.3bt (90 watts)	Embedded 5G Low, Mid, & High Band & Cat 20 LTE	5G / LTE Dual Connectivity	802.11ax Wi-Fi 6 (installation only)
W2005 Series (Outdoor)	2 Gbps	2 x 2.5 GbE	802.3bt (60 watts)	Embedded 5G Low / Mid-Band & Cat 20 LTE	5G / LTE Dual Connectivity	802.11ax Wi-Fi 6 (installation only)
W1850 Series	2 Gbps	2 x 2.5 GbE	802.3at (20 watts)	Embedded 5G Low / Mid-Band & Cat 20 LTE	5G / LTE Dual Connectivity	N/A
L950 Series	975 Mbps	2 GbE	802.3af (15 watts)	Cat 7 LTE Modem (only)	4G Only	N/A
CBA550 Series	75 Mbps	1 10/100 (LAN only)	802.3af (15 watts)	LTE Cat 4 Modem	4G Only	N/A

Product availability may vary by country.

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NetCloud Service for SOHO

NetCloud Service for SOHO provides cloud-managed capabilities to support a dedicated network to enable remote workers from anywhere. This cloud-based service permits zero-touch deployment, enables visibility with dashboards and delivers control at scale with group configurations, policy creation, distribution, and enforcement.

ADVANCED

- Secure Remote Management & Orchestration
- Dynamic Routing Protocols
- Application-Aware Traffic Steering, QoS, Networking & Firewall
- Zone-Based Firewall & VPN
- Web Filtering & Threat Management
- Real-Time Troubleshooting Tools & Diagnostics
- Insights, Alerts & Dashboard Analytics
- Cellular Health, Modem Data-Usage & Security Dashboards
- Application Traffic Dashboard
- Location Services
- Extensibility (SDK, API, third-party integrations)

SOHO Routers

E100 Series Enterprise Router

Endpoint	Typical Client Count	Firewall Throughput	Ethernet Ports	PoE	Wireless WAN Modem Options	5G Status	Wi-Fi	Dual-Modem Support
E100 Series	5	850 Mbps	5 x GbE	No	LTE Cat 4 & Cat 7 Modem	4G Only	802.11ac (Wi-Fi 5) 2x2 MIMO	No

Product availability may vary by country.

NetCloud Service for Mobile

Cradlepoint NetCloud Service for Mobile provides the enterprise capabilities that organizations need to manage their in-vehicle network. Delivered through purpose built ruggedized routers, NetCloud provides enterprise-class reliability, manageability, and security and allows cohesive management, at scale, at the converged LTE and 5G edge.

ESSENTIALS		ADVANCED (INCLUDES ESSENTIALS)
✓ Secure Remote Management & Orchestration	✓ Dynamic Routing Protocols, Traffic Steering & QoS	✓ Cellular Coverage Map & Location Tracking
✓ Zone-Based Firewall & VPN	✓ In-Band & Out-of-Band Management	✓ Application-Aware Traffic Steering, QoS, Networking & Firewall
✓ Real-Time Troubleshooting Tools & Diagnostics	✓ Insights, Alerts & Dashboard Analytics	✓ Web Filtering & Threat Management
✓ Modem-Data-Usage Dashboard & Predictive Alerting	✓ Location Services	✓ Cellular Health, Traffic & Security Dashboards
✓ Extensibility (SDK, API, third-party integrations)		✓ IoT Ecosystem Integration (Microsoft, AWS)
		✓ Docker Container Support

Mobile Routers

R1900 Series 5G Ruggedized Router

IBR1700 Series Ruggedized Router

IBR900 Series Ruggedized Router

Endpoint	Typical Client Count	Firewall Throughput	Ethernet Ports	PoE	Wireless WAN Modem Options	5G Status	Wi-Fi	Dual-Modem Support
R1900 Series	100	940 Mbps	4 x GbE	Yes, with RX30-PoE	5G Low / Mid-Band & Cat 20 LTE	5G Embedded	Dual-band, dual-concurrent; 802.11ax (Wi-Fi 6)	Yes, with RX30-MC
IBR1700 Series	100	940 Mbps	5 x GbE	No	LTE Cat 11 or Cat 18 Modem	5G Ready	Dual-band, tri-radio; 802.11ac Wave 2 (Wi-Fi 5)	Yes
IBR900 Series	10	940 Mbps	2 x GbE	No	LTE Cat 11 or Cat 18 Modem	4G Only	Dual-band, dual-concurrent; 802.11ac Wave 2 (Wi-Fi 5)	Yes, with COR Extensibility Dock

Product availability may vary by country.

NetCloud Service for IoT

The NetCloud IoT edge-to-cloud service encompasses a suite of technologies designed for IoT applications: reliability, security, management, and data orchestration delivered through purpose-built routers. This enables successful enterprise-grade IoT deployments with ease and scale.

ESSENTIALS		ADVANCED (INCLUDES ESSENTIALS)
✓ Secure Remote Management & Orchestration	✓ Dynamic Routing Protocols, Traffic Steering & QoS	✓ In-Band & Out-of-Band Management
✓ Zone-Based Firewall & VPN	✓ Troubleshooting & Diagnostics	✓ Real-Time Troubleshooting Tools
✓ Insights, Alerts & Dashboard Analytics	✓ Extensibility (SDK, API, third-party integrations)	✓ Cellular Health & Modem Data-Usage Dashboards
✓ Secure Overlay Perimeter Network		✓ IoT Ecosystem Integration (Microsoft Azure IoT Central)
		✓ Location Services

IoT Routers

IBR900 Series Ruggedized Router

R500-PLTE Series Ruggedized Router

IBR600C Series Router

IBR200 Series Router

Endpoint	Typical Client Count	Firewall Throughput	Ethernet Ports	PoE	Wireless WAN Modem Options	5G Status	Wi-Fi	Dual-Modem Support
IBR900 Series	10	940 Mbps	2 x GbE	No	LTE Cat 11 or Cat 18 Modem	4G Only	Dual-band, dual-concurrent; 802.11ac Wave 2 (Wi-Fi 5)	Yes, with COR Extensibility Dock
R500-PLTE Series	10	850 Mbps	2 x GbE	No	PLTE Cat 7	4G Only	Dual-band, dual-concurrent; 802.11ac Wave 2 (Wi-Fi 5)	Yes, with COR Extensibility Dock
IBR600C Series	5	75 Mbps	1 x GbE 1 x FE	No	LTE Cat 4 Modem	4G Only	802.11 b/g/n (Wi-Fi 4)	Yes, with COR Extensibility Dock
IBR200 Series	5	60 Mbps	1 x FE (LAN only)	No	LTE Cat 1 Modem	4G Only	802.11 b/g/n (Wi-Fi 4)	No

Product availability may vary by country.