



**We simplify how people build
and manage networks**

About our company

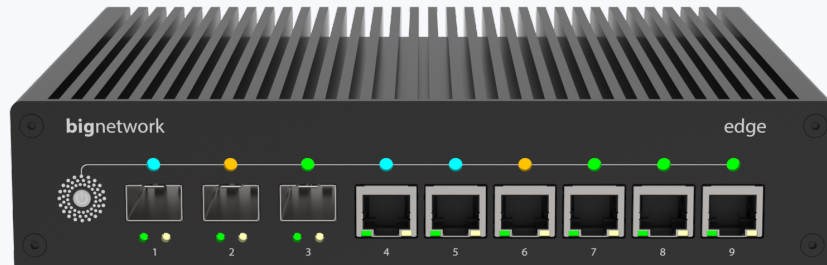
Big Network was built to simplify connectivity solutions. We focus on internet service providers, cloud and managed IT services providers. We are based in the United States and in Europe with hardware manufacturing based in Taiwan.

Big Network is a connectivity platform that securely and simply connects people, places, clouds and their devices anywhere. Big Network combines hardware, software and cloud services into a unified hyper connectivity platform. It is an open and connected ecosystem that fuses best of breed technologies, partners and services together at the click of a button.

Team Experience

Our team has been involved in creating, building and automating small to global networks for over the last 20+ years. We have deep knowledge in automation, networking, devops, sdn, dns, cdn, voice, saas, internet and cloud services.

Big Network Edge delivers fiber internet, cloud services and virtual networks.



- **Deliver fiber internet services**
 - 10Gbps wirespeed access with advanced business and cloud services built in.
- **Deliver cloud services**
 - Direct connect and onramp to 100+ providers like Aws, Google and Azure.
 - Deliver voice, security, video broadcast and other services reliably.
- **Create secure virtual private networks instantly**
 - Deliver instant VPLS like connectivity between sites, users, cloud and devices anywhere.
- **Wan redundancy over broadband and LTE failover for reliable internet and cloud access.**
 - Sdwan technology with advanced uptime monitoring capabilities
- **Manage all users and devices via the cloud using a simple dashboard.**
 - Simple and centralized provisioning for devices and users
 - API accessible for OSS/BSS integration

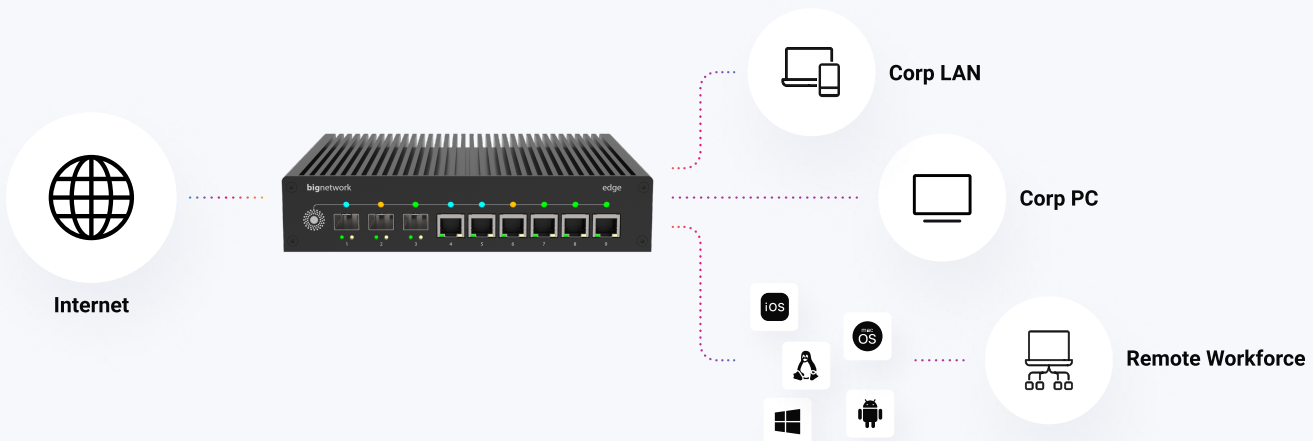
Big Network Edge (pictured above) includes a full standard business cpe featureset including wan redundancy. Edge is fully cloud managed and provides a unique ability for customers to self-provision secure fully meshed L2VPNs between all their locations and remote users. Edge enables internet service providers (ISPs) to build new services and revenue streams on top of existing investments. As an advanced services network interface device (NID), the Edge provides an active point of demarcation and management for carriers to deliver services such as managed/dedicated internet access (DIA), virtual private networks (VPN), software defined wide area networking (SD-WAN), and cloud last mile connectivity.

Specifications

Enclosure	Fanless and Silent 6063 Aluminum Heatsink Enclosure Thermal Conductivity Rating of 201-218 W/(mK)
Status Indicators	Power Button Indicates Device Status Ports are Color Definable Via the Cloud to Mark their Functions
Network Interfaces	(3) 1/2.5/5/10 Gbps SFP+ Ports (6) 1 Gbps Ethernet Ports
Processor	Cavium CN9132 Quad 2.2Ghz Arm Processor AES Crypto Acceleration up to 15Gbps Hardware Packet Processor + DPDK/VPP Support Network Speeds at up to 30Gbps and 15 Mpps
Memory	Up to 16GB DDR2400 Ram 32GB eMMC Onboard Memory High Speed SD Card M.2 B Socket supports up to 2TB of NVME SSD Storage
Physical Dimensions	Width: 213.6mm Depth: 203.6 mm Height: 44.5mm (1U)
Power	Dual (12-54V) Power Inputs Phoenix Connectors Included Supports a Variety of PSU and UPS Options
Certifications	UL FCC CE
Accessories	3G/4G/5G Modem Support Wall Mount Adapter Single 1U Rackmount Adapter Dual 1U Rackmount Adapter

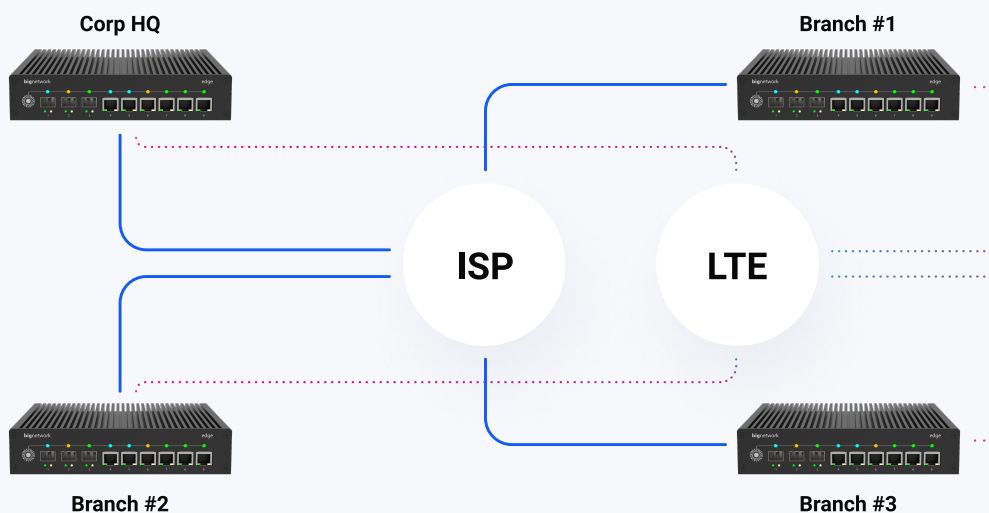
Remote Access and VPN for Teams

Use the Big Edge at a customer premise as a point of termination for multiple Internet connections (including LTE backup) while simultaneously providing a virtual point of termination for the remote workforce using Big Apps to access VPNs into the enterprise.



Software Defined Wide Area Network (SD-WAN)

Use the Edge to create a SD-WAN across multiple client locations using traditional IP transit, point to point transport, or LTE backup for connectivity. Provide seamless Layer 2 or Layer 3 connectivity across locations.



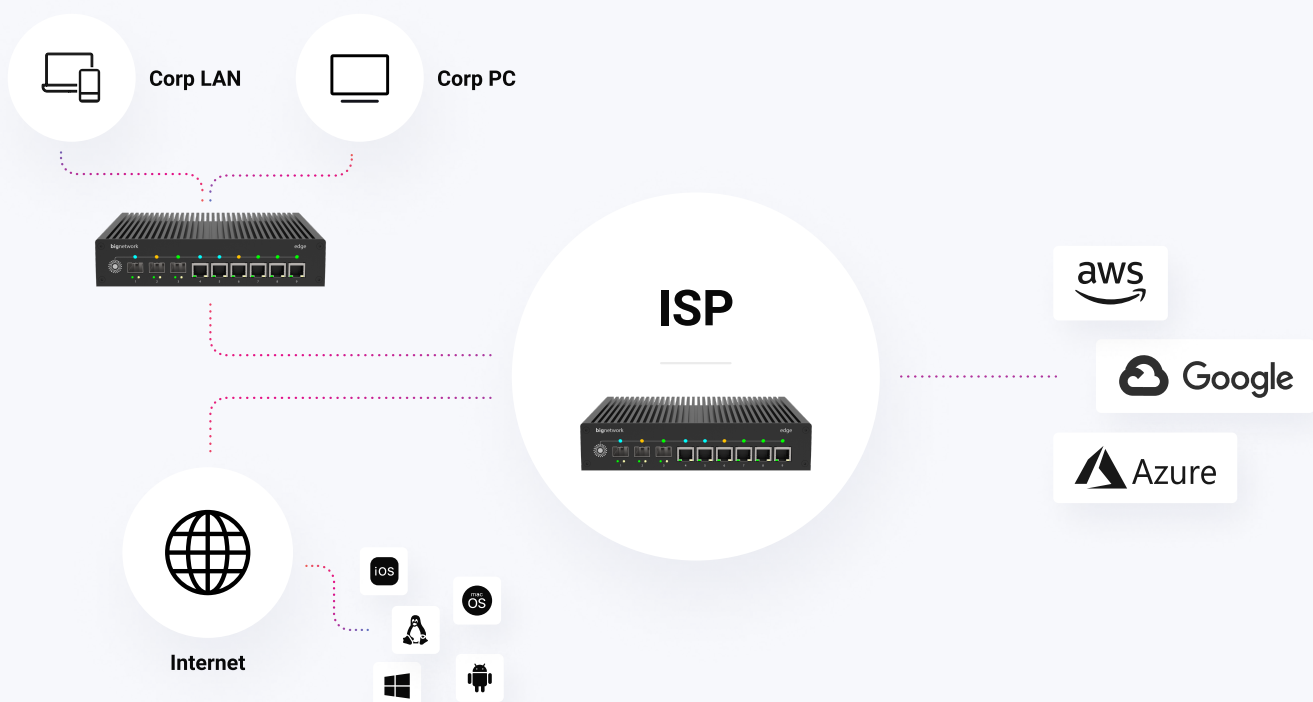
On-Premise Gateway to the Cloud

Deploy the Edge as an on-premise physical gateway to Cloud Service Providers (CSPs) including Amazon VPC, Google Cloud VPC, or Azure Virtual Networks.



Colocated Gateway from the Cloud

Host the Edge at a colocation site to terminate Amazon Direct Connect, Google Dedicated Interconnect, and Azure ExpressRoute ports and provide gateways to Cloud Networks connecting the enterprise premises or remote workforce, or both.



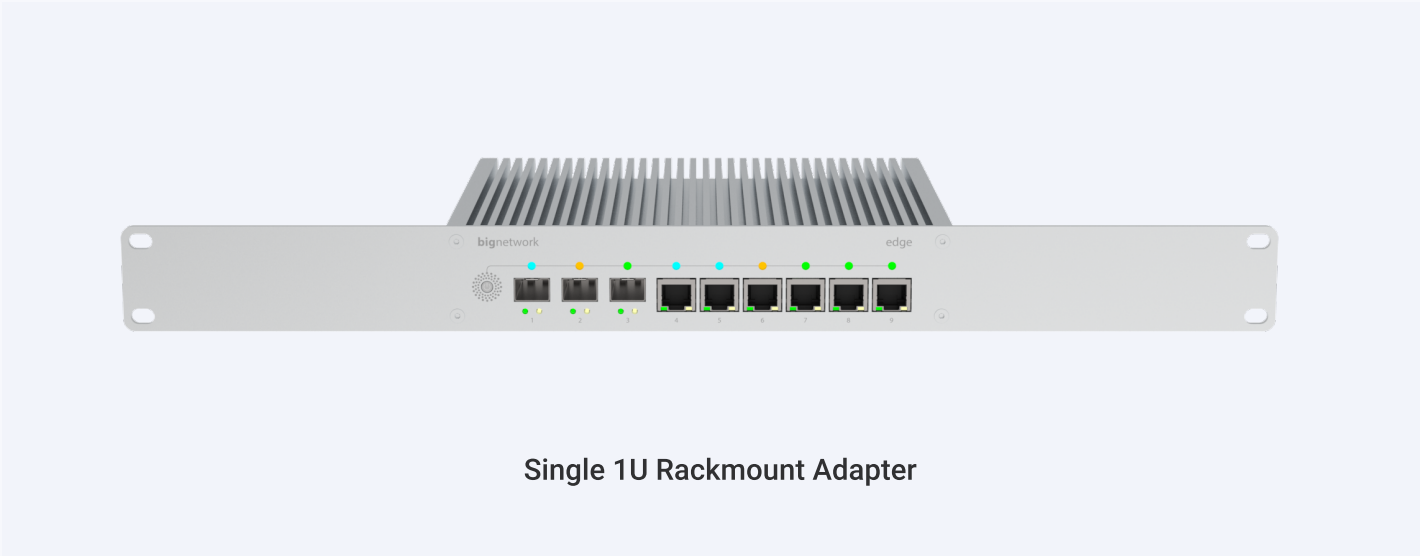
Accessories



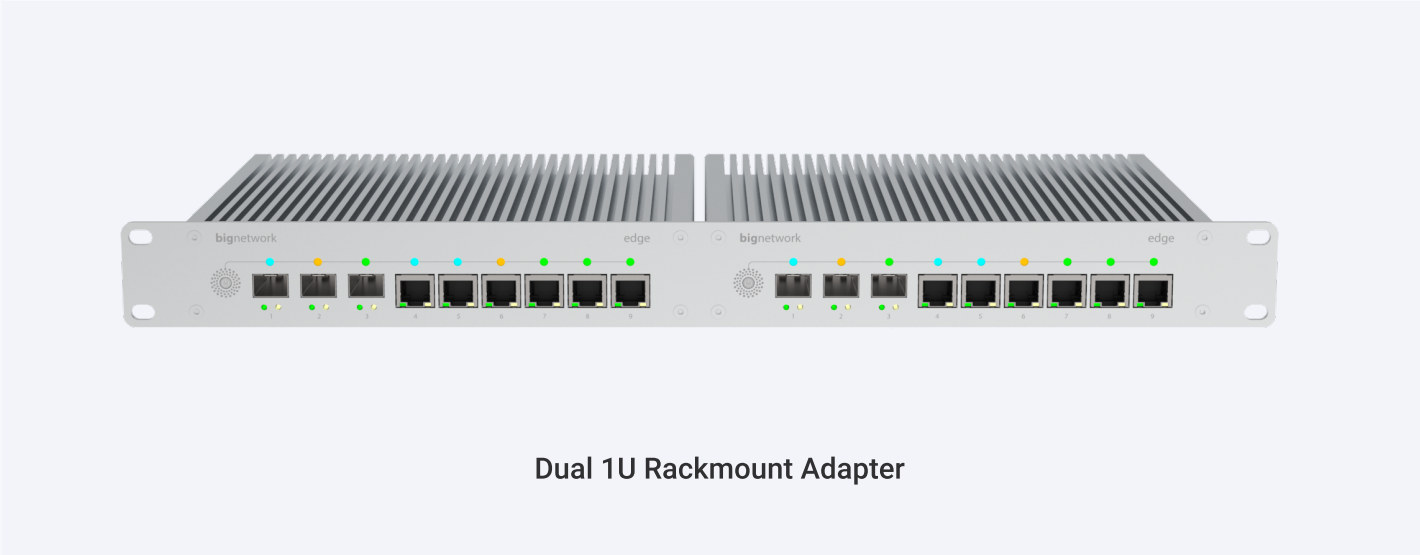
Wall Mount Adapter



USB3 - 3G/4G/5G Modem Support



Single 1U Rackmount Adapter



Dual 1U Rackmount Adapter