

ExtremeCloud™ SD-WAN

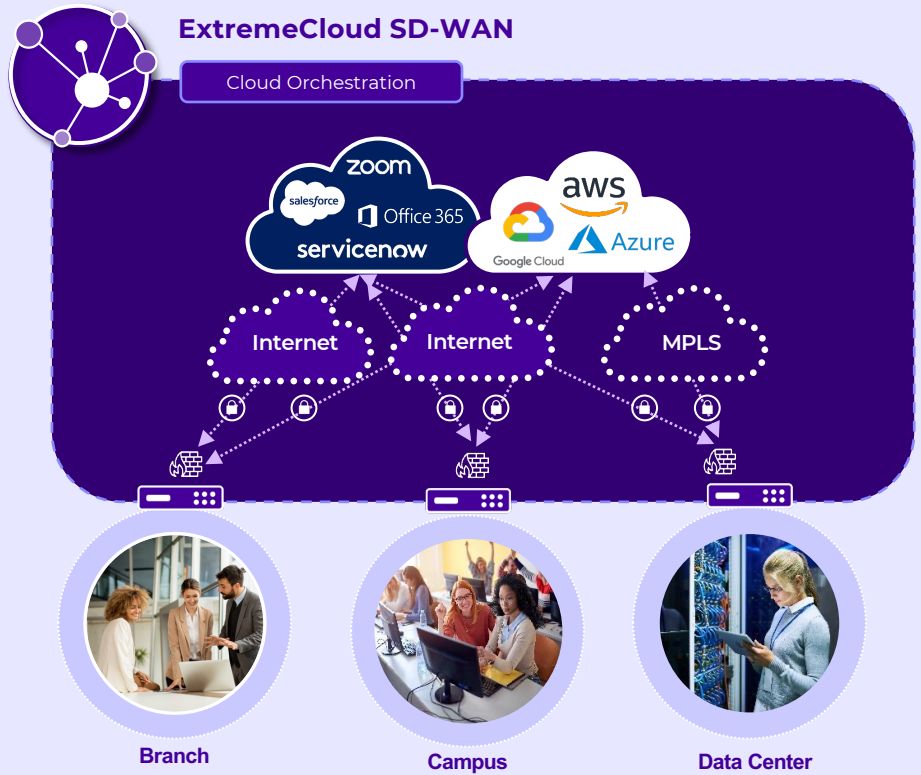
ExtremeCloud SD-WAN connects sites, users, and applications securely and at scale, as part of Extreme’s One Network, One Cloud approach

As an enterprise’s needs evolve, so must its network architecture. Real-time, bandwidth-intense cloud apps and services enable growth and efficiency. User experience must be consistent, high-quality, and secure across data centers, campuses, and branches. Legacy networks are not able to support these needs.

As part of One Network and One Cloud, ExtremeCloud™ SD-WAN helps IT teams deliver the connectivity, continuity, and cost benefits of SD-WAN without the usual complex set up and purchase risk. Integration with Extreme Fabric offers the security, automation, and resiliency benefits of Fabric at every connected site. Application performance management helps deliver predictable user experiences across the network. When paired with ExtremeCloud IQ, unified management makes it easier for IT teams to learn and manage the network with consistent operations.

Solution At A Glance

- Fabric to the Edge extends Extreme Fabric hypersegmentation and automation over internet transport
- Advanced application performance management, built-in WAN optimization, and local breakout policy enable predictable user experience
- Maintenance-free cloud on-ramps to AWS and Azure simplify cloud connectivity
- IPsec tunnels, a built-in zone-based firewall, and optional advanced security reduce WAN risk
- Unified management of wired, wireless, and SD-WAN saves time
- Consistent operations across public, private, and ExtremeCloud Edge reduce cost and complexity



ExtremeCloud SD-WAN Appliance IPsec Encrypted Tunnels Built-in Zone-Based Firewall

ExtremeCloud SD-WAN Solution Components

Cloud SD-WAN Orchestrator

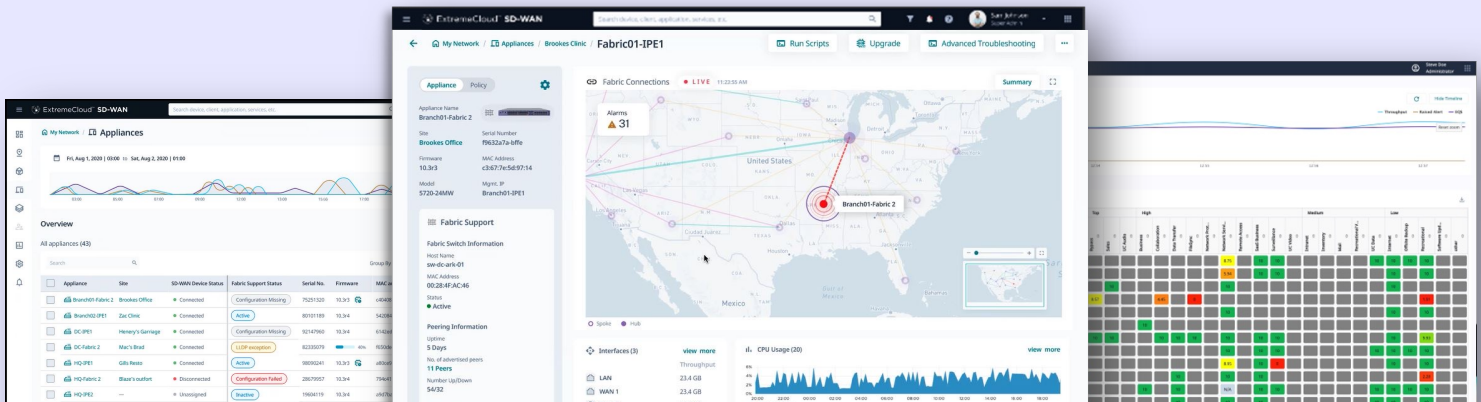
- One place to set policy across appliances, topology, security, Fabric, and more, makes it easier to align goals with outcomes
- Real-time monitoring, per-session WAN selection and prioritization, and bandwidth reallocation help automate QoE
- Granular visibility, control, and reporting make it simpler to find and fix issues, control costs, and identify needed changes

WAN Security

- IPsec (IKEv2) encrypts data in transit
- Zone-based firewall restricts or allows Web and application access based on subnet
- Policy-based SaaS access from branches and secure cloud on-ramps
- Ability to send traffic to leading cloud security vendors for a bring your own security approach

Risk-free SD-WAN Subscriptions

- Subscription pricing, flexible terms, and choice of add-ons reduce purchase risk
- Choice of speed tiers up to 10 Gbps supports a range of business needs and future-proofs the network
- Next-Business Day Advanced Hardware Replacement and high-availability options reduce the risk and impact of unplanned downtime
- Support, maintenance, and digital customer success included help set Extreme customers up for success



ExtremeCloud SD-WAN subscriptions

A range of subscriptions supports enterprises of any size.

Subscription	Branch-XS	Branch-S	Branch-M	DC-S	DC-M	DC-L
Bandwidth	250 Mbps	500 Mbps	750 Mbps	1 Gbps	2 Gbps	10 Gbps
Appliance Model	ipe-30so	ipe-30ax	ipe-40ax-v2	ipe-420ax	ipe-2200ax-T	ipe-22000ax-SR-10G ipe-2200ax-LR-10G
WAN Interfaces	3x GE 10/100/1000Base-TX					3x GE 10GBase-SR/LR LC
LAN Interfaces	1x GE 10/100/1000Base-TX		2x GE 10/100/1000Base-TX		2x GE 10/100/1000Base-TX	2x 10GBase-SR/LR LC
Networking and Routing	DHCP client, DHCP relay, NAT, VLANs, BGP, OSPF, static routes, BFD, DPD, local preferences					

Summary

ExtremeCloud SD-WAN connects users, sites, and the cloud with their applications, services, and data securely and at scale. It is the market's only SD-WAN solution to offer Fabric to the Edge, advanced application management, and unified management with risk-free, 100% OpEx subscription licensing.