

# ExtremeCloud™ SD-WAN



## ExtremeCloud SD-WAN Product Highlights

- Agile, automated WAN connectivity enhances business productivity, efficiency, and agility.
- Advanced application performance visibility and control makes it simple to optimize performance and control cost.
- Built-in and 'bring your own' WAN security options help protect the network from malware, ransomware, and other web-borne threats.

## Extreme Solution Highlights

- Extreme Platform ONE™ adds AI-powered networking and security with advanced physical, fabric, and service views.
- Together, Extreme Wireless, Wired, and Fabric provide a secure, resilient, and robust solution for wireless backhaul through the network to support critical applications and experiences.
- ExtremeCloud SD-WAN extends Extreme Fabric's simplicity, security, and automation across network locations to deliver value at scale.

## ExtremeCloud™ SD-WAN

Automated, integrated, and Fabric-ready SD-WAN makes secure WAN connectivity simple

The growth of real-time, bandwidth-intensive cloud apps—and now AI—has transformed the WAN, driving unprecedented growth in users, devices, bandwidth, apps, and workloads. Distributed organizations need a WAN solution that is simple to deploy and manage, reduces LAN/WAN silos, and delivers excellent uptime and experience for controlled costs.

**ExtremeCloud SD-WAN** helps IT teams deliver the connectivity, continuity, and cost benefits of SD-WAN without the usual complex set up, siloed approach to WAN networking, and high capital investment of network-wide change.

- **Automated:** Zero touch appliance, automated app discovery, and AI-powered application performance management enable a consistently high quality of experience.
- **Integrated:** Pre-integrated with Extreme Platform ONE, SD-WAN extends Extreme's operational consistency and simplicity to the WAN edge.
- **Extreme Fabric-ready:** Extreme Platform ONE and SD-WAN make it simple to extend Extreme Fabric network and network security automation, across campus, branch, and data center.

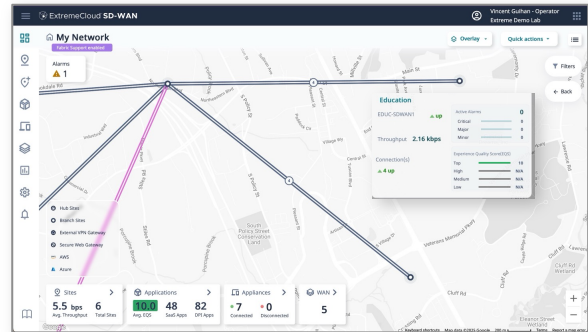
**No SD-WAN solution makes it simpler to detect, monitor and control performance for a wider range of applications.**

## Key Capabilities and Benefits

Delivering consistent app performance across hybrid environments is a challenge. Disparate tools for LAN, WAN, and IoT create operational silos. Manual configuration is time-consuming and error-prone. Downtime is high-cost and high risk in an always-on world. ExtremeCloud SD-WAN provides an automated, integrated, and Fabric-ready solution that helps customers boost availability, productivity, and business continuity with a simple, inclusive subscription-based approach.

### Automation makes SD-WAN simple to deploy and deliver a high, consistent quality of experience

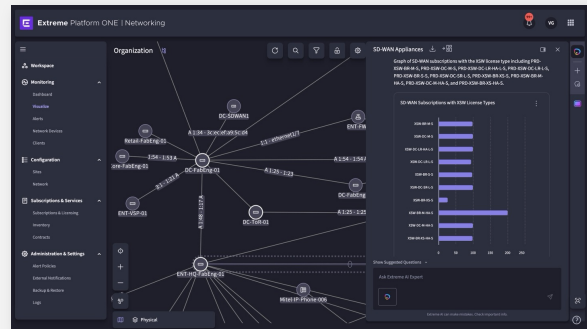
- **Automated discovery** and simple classification of more than 5,000 applications accelerates deployment configuration and enables quick identification of shadow IT.
- **Intelligent, instant self-healing** with real-time, dynamic WAN steering, native WAN optimization, and advanced application steering.
- **Intelligent application performance control** analyzes network traffic, bandwidth availability, and application demand and dynamically optimizes bandwidth allocation to meet performance goals.
- **Built-in security**—including firewall, direct to internet access control, and other capabilities—helps secure WAN traffic without sacrificing performance.



Application performance is simple to configure, dynamically managed, and visible at-a-glance

### An integrated approach simplifies WAN and LAN networking and security with AI

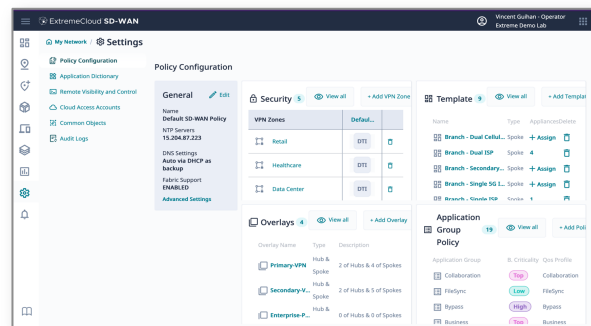
- **Multi-layer views** of physical, fabric, and service layers across sites simplify common workflows for planning, design, deployment, and change.
- **Extreme AI** reduces time spent on manual tasks by up to 90%, providing instant answers to common questions and generating charts and graphs from natural language queries in seconds.
- **Advanced application performance visibility and control** across the LAN and WAN accelerate troubleshooting.



Extreme Platform ONE brings LAN and WAN networking and security together with AI

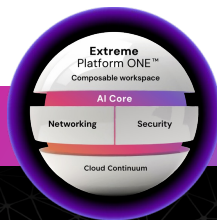
### An extensible solution enables third-party and ecosystem value with less cost

- **Maintenance-free cloud on-ramps** to cloud hyperscalers make it simple and secure to connect sites to new cloud services and apps.
- **Optional 'bring your own security'** approach enables customers to take advantage of their current security investment by direct WAN traffic to third-party secure web gateways.
- **Extreme Fabric, SD-WAN, and Extreme Alliance Partners enable rich solutions**, such as IoT automation, security, and transit of AI data from edge to core.



Policy is simple to configure and enforce

# Extreme Platform ONE



# for AI-Powered Networking

## Extreme Fabric over Wired, Wireless, and SD-WAN

### Network Automation



#### Zero Touch WAN and LAN

Zero touch wired, wireless, and SD-WAN devices, automated onboarding and application discovery, instant Fabric segmentation, self-healing, and other automation capabilities simplify both LAN and WAN for IT teams and end-users alike.

#### AI-Powered Networking and Security

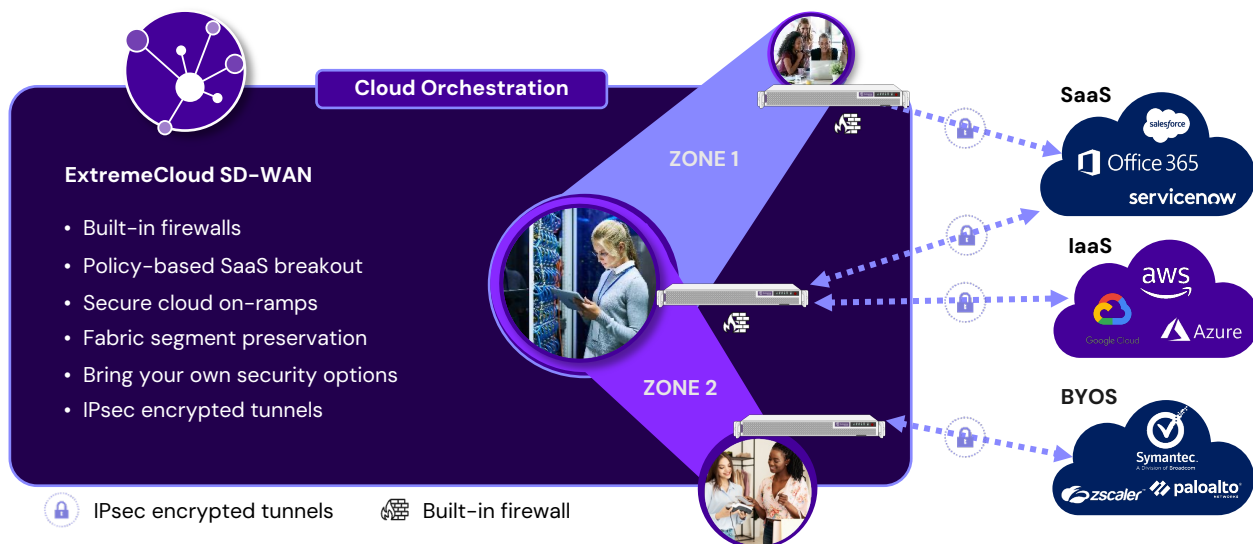
Extreme Platform ONE makes connectivity simple with the industry's first AI-powered platform that brings together WAN and LAN networking and security with conversational, multimodal, and agentic AI.

#### Instant Self-Healing

ExtremeCloud SD-WAN detects performance issues and automates network change based on policy in seconds. Extreme Fabric supports sub-second failover in core networks. Together, they enable secure, always-on experiences in both the LAN and the WAN.

## WAN Security: Robust, Integrated, Extensible

ExtremeCloud SD-WAN offers built-in a firewall, direct Internet access control, IPsec encrypted tunneling, and other security capabilities. When integrated with Extreme Platform ONE Networking and Security, ExtremeCloud SD-WAN helps secure the network in a layered approach. Security is also extensible via Extreme's partner ecosystem, enabling traffic to be redirected to third party secure web gateways, such as Symantec, Zscaler, and Palo Alto, enabling a 'bring your own security' approach.



# ExtremeCloud SD-WAN Connects the Empowered Enterprise

SD-WAN enables business innovation, operational excellence, and productivity with lower total cost of ownership, from reduced downtime to always-on, secure user experiences.



## Better User Experiences

- Reduced latency
- Dynamic WAN selection
- Automated bandwidth reallocation
- Granular performance visibility and control

## Secure Scalability

- Built-in encryption and firewall
- Extreme Fabric extension across campus, branch, and data center
- Bring-your-own-security options

## Improved Operations and Outcomes

- Reduced cost of connectivity / branch cost
- Transport-neutral, redundant connectivity
- User productivity apps
- IoT connectivity (Points of Sale, cameras, smart lighting, HVAC, and energy management)

## Real-World Challenges, Real-World Results



**Banca Popolare di Sondrio**  
Gruppo BPER Banca

Banca Popolare di Sondrio, a leader in the cooperative banking movement, delivers consistent application performance across all 500 branches.

# GRIFOLS

Grifols, a leading Spanish health and pharmaceuticals company with 30 subsidiaries around the world relied on ExtremeCloud SD WAN as a key pillar of its digital transformation efforts.

## What's Next?



[Explore Extreme's Product Catalog](#)



[Request a Demo of Extreme Platform ONE](#)



[Contact Extreme Sales](#)



[Locate an Extreme Partner](#)