

Epsilon Meraki SD WAN

A business-driven, unified SD WAN solution specifically designed for cloud-first enterprises

Transform to a Business-first Networking Model

As cloud-based application adoption grows, wide area network (WAN) becomes increasingly critical to connecting users to applications across geographically dispersed enterprises.

The software-defined wide area network (SD WAN) is a virtual WAN architecture that uses a central control function to securely and intelligently direct application traffic across the WAN, providing flexibility for enterprises to use any combination of transport services, including MPLS, 4G/5G and broadband internet.

SD WAN enables geographically dispersed enterprises to realize the transformation promise of cloud computing by lowering capital and operational costs, providing the best possible experience for employees and customers, and adapting rapidly to evolving market requirements.

Epsilon offers Cisco Meraki, a leading SD WAN solution, which offers a scalable solution from small branch sites (50 or less users) with low-quality Internet connectivity to large sites or data centres with hundreds of users and gigabits per second of data. The Meraki MX appliances are equipped with SD WAN capabilities that enable administrators to maximize network resiliency and bandwidth efficiency. The appliances also enable direct Internet break from branch locations, protected by a Layer 7 next-generation firewall supporting content filtering, malware protection, and IDS/IPS protection. Meraki also supports custom traffic steering and business intent overlays and can be integrated with Active Directory to set per-user policies for security and application performance.

Today's Enterprise Network Challenges

Unpredictable Response Times

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Application Classification

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Support for Multi-cloud Strategy

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High Operational Costs

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Poor Network Visibility

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Unsecure and Unreliable Network

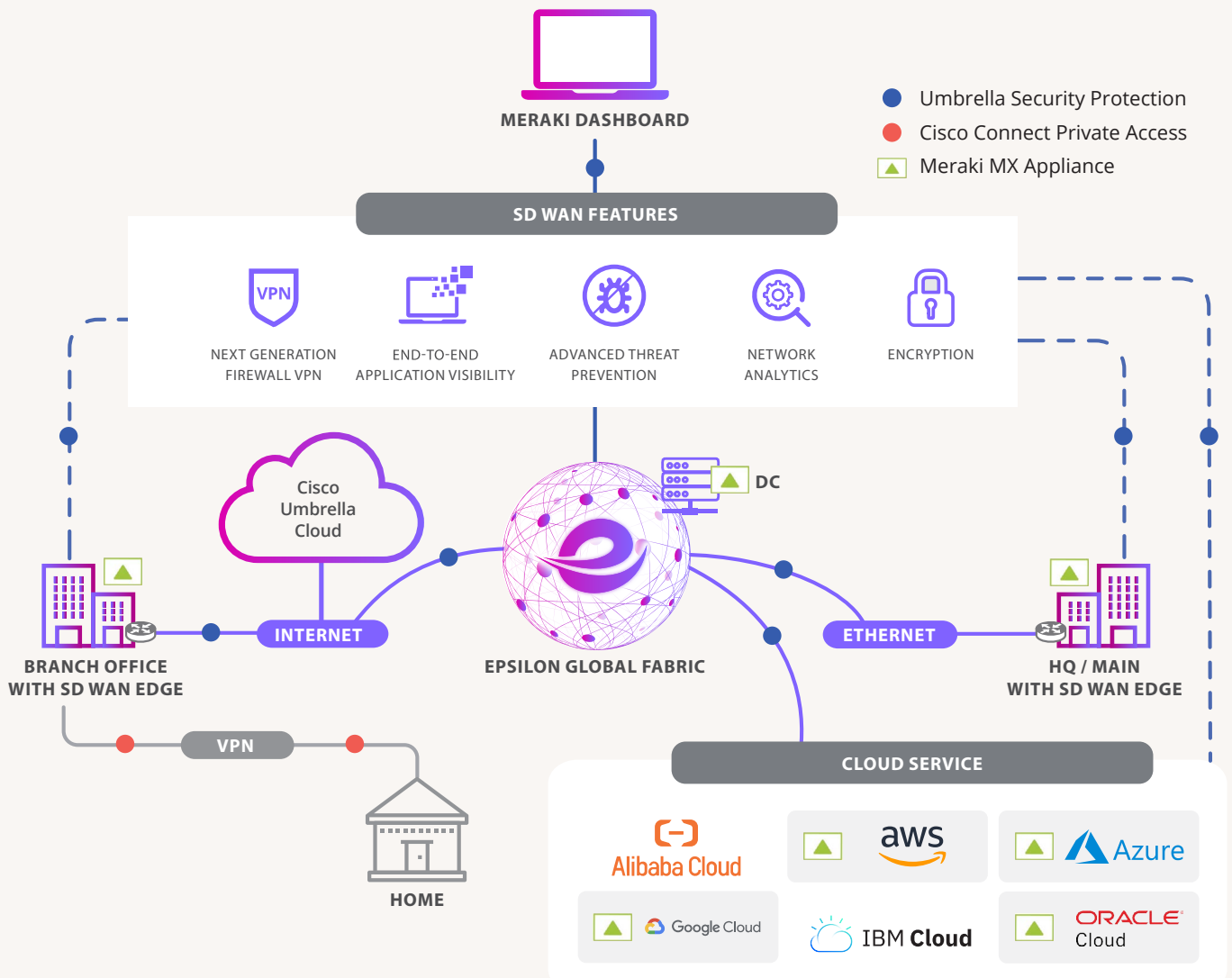
SD WAN for Cloud-first Enterprises

Epsilon Cisco Meraki solution adopts a unified SD WAN platform that comprises three main components: **Cloud Dashboard**, **Epsilon Global Network**, and a wide range of **Customer Premises Equipment (CPE)**.

Cloud Dashboard enables centralized management, visibility, and control without the cost and complexity of controller appliances or overlay management software.

Cisco Meraki products are built from the ground up for cloud management, and offer centralized management, Layer 7 device and application visibility, real-time web-based diagnostics, monitoring, reporting, and more.

Epsilon Global Fabric provides carrier-grade Ethernet services and dedicated cloud connectivity to world leading cloud service providers with its extensive global network of 500+ Points of Presence (PoPs).



Features

- **Zero Touch Provisioning** – Deploy networks quickly with Auto VPN for simple configuration of branch sites with minimum clicks
- **Cloud-based Management** – Centralised dashboard for control of network security and application policies
- **Application Visibility** – Get real-time statistics on app throughput usage, latency, and jitter across all networks, devices, and users
- **Resilient Access** – Build resilient SD WAN connectivity with Internet, MPLS, cellular WAN, and Ethernet connecting mobile gateways up to 100m from CPE
- **Application Support** – Detect Layer 7 applications to set QoS policies, load balancing, and prioritisation based on traffic types and applications
- **Seamless Cloud Security Integration** – Layer 7 Next-generation firewall protection at CPE, integrated with Cisco umbrella
- **Epsilon Global Network** – Epsilon provides both core network underlay and access network through global partners under one service contract

Benefits



Secure Remote Work Access

Easily support remote access with native client VPN, Cisco AnyConnect, and dedicated teleworker devices with Wi-Fi for a complete virtual office experience



Simplified Management with Cloud-based Dashboard

Auto VPN feature creates a secure and optimised SD WAN fabric between business and private/public multi-cloud locations in just a few clicks



Improved Control and Visibility

Centrally manage consolidated security and SD WAN infrastructure from an intuitive web GUI or APIs, with real-time analytics and reporting



Enhanced Performance

Experience improved application performance with automatic WAN and device redundancy leveraging multiple uplinks, warm spare, and self-healing VPN



Better Security

Enjoy unified threat management, including Layer 7 firewall, advanced malware protection with sandboxing, intrusion prevention, and content filtering

Key Differences

Quality Of Experience

Enhanced capabilities to improve link quality

Dynamic Path Selection

Quick failover and packet-based load balancing

Integrated Firewall

Additional security with in-built Layer 7 Firewall

Epsilon's Core Network As Underlay

Provides service level assurance with up to 99.95% availability

How Enterprises Benefit



Cost Savings

A unified platform enables businesses to choose the most cost-effective network without compromising performance



Increased Performance

Optimise IT resource utilisation and responsiveness to business policy changes



Enhanced Business Productivity

Support business growth and improve customer satisfaction, thereby increasing profitability



Faster Time-to-Market

Auto VPN enables SD WAN CPEs to be quickly provisioned with minimal effort



Minimised Risk

Deliver consistent network and security policies to minimise the risk of security breaches and network downtime

“Epsilon SD WAN enables enterprises to drive maximum value from their cloud and digital transformation investments”.



Peter Agnew
Global Product Manager
Epsilon

Why Choose Us?

Unparalleled Global Reach

Our extended and resilient network of 500+ Points of Presence ensures that you get reliable connectivity even in far-reaching places

Large Ecosystem of Partners

Connect to world-leading Cloud, SaaS, and Internet Exchange providers via a single interface or NNI with our large ecosystem of trusted partners

Extensive Suite of Services

As one of the few global providers offering beyond data and cloud, to voice, satellite, and colocation, we can meet all your global interconnectivity needs at scale

Award-winning Software-defined Network

Automate your international connectivity and extend your global reach with on-demand provisioning powered by real-time analytics and orchestration

Customer Service Excellence

Our team of global experts provide 24/7 technical and operational support to ensure quality service that you can rely on

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