

Epsilon Catalyst SD WAN

A software-defined WAN for multi-cloud connectivity, security, and enhanced visibility

Redefining Connectivity for the Multi-cloud Era

Modern enterprises are embracing digital transformation to accelerate service delivery, enhance employee productivity, and improve business processes. This drive fosters enterprise agility, resiliency, and ultimately rapid business growth.

Epsilon's Cisco Catalyst SD WAN empowers organisations by connecting any user to any application with integrated capabilities for multi-cloud connectivity, security, predictive operations, and enhanced network visibility. This solution transforms IT infrastructure by delivering cloud-agnostic, efficient, and easy-to-manage connectivity that lowers operational costs while increasing control and visibility across the entire service delivery chain.

With its flexible architecture, Cisco Catalyst SD WAN enables geographically dispersed enterprises to harness the full potential of cloud computing. The solution lowers capital and operational expenses, provides superior experience for employees and customers, and adapts rapidly to evolving market requirements. Additionally, it seamlessly integrates with your network by automatically discovering, authenticating, and provisioning Cisco Catalyst SD WAN devices.

The Cisco Catalyst SD WAN connects all company data centres, core and campus locations, WAN branches, colocation facilities, cloud infrastructure, and remote workers. Using the Overlay Management Protocol (OMP), it provides centralised control over the entire network, simplifying IT operations with automated provisioning, unified policies, and streamlined management. This ensures rapid updates, advanced functionality, reliability, and security across your network.

Today's Enterprise Network Challenges

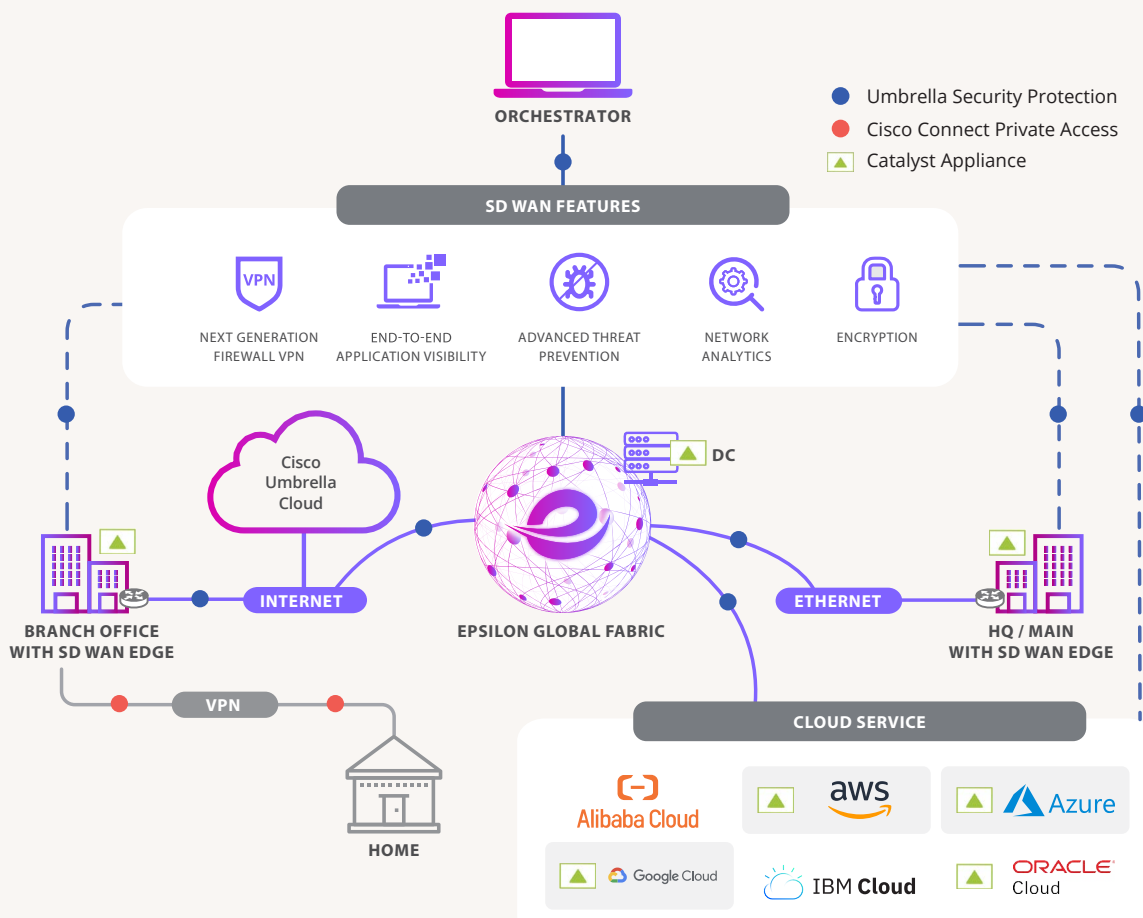
- Complex Connectivity
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- Lack of Governance Across Multi-cloud
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- Adoption of Multi-cloud Environment
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- Poor User Application Experience
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- Lack of Visibility
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- Limited Flexibility of Choices

SD WAN for Cloud-first Enterprises

Epsilon Cisco Catalyst SD WAN simplifies IT management by leveraging insights, automation and predictive analytics, comprising three main components: **Cloud Dashboard, Analytics, and Epsilon Global Network.**

- **Cloud Dashboard:** A centralised dashboard addressing challenges associated with device configuration, network management, and monitoring through automation.
- **Cisco Catalyst SD WAN Analytics:** Enhances network visibility, establishes historical benchmarks, and expedites root-cause isolation, empowering enterprises to take corrective actions and gain total control of the user experience.
- **Epsilon Global Fabric:** Provides carrier-grade Ethernet services and dedicated cloud connectivity to world-leading cloud service providers via Epsilon's extensive global network of over 500 Points of Presence (PoPs).

Architecting a Secure Enterprise-class SD WAN



Features



Full SD WAN Feature Stack with Unified Communications –

Provides sophisticated network control, including routing, unified communications, multi-cloud, security, and centralised policy management.



Multi-cloud Integration – The Cloud on-ramp architecture optimises major Software-as-a-Service (SaaS) applications and workflow integrations with public clouds and colocation providers.



Built-in Security – Centralised security policies and segmentation across the entire network with a robust security stack, either on-premises or in the cloud.



Visibility and Analytics – Offers granular visibility into applications and infrastructure, enabling rapid failure correlation and mitigation.



Maximum Choice and Control – Provides flexibility with a cloud-first architecture, connecting any user to any application across any cloud.



Simplicity – Delivers an intuitive configuration, management, and monitoring experience for operational simplicity.



Epsilon Global Network – Epsilon offers core network underlay and access network through global partners under a single service contract.

Benefits



True SD WAN Architecture

Cisco Catalyst SD WAN's architecture, with dedicated components, provides flexibility to implement overlay, underlay, physical, and virtual networks



Optimised for Multi-cloud

Cloud network extension and middle-mile optimisation with extensive cloud integrations automate seamless connectivity for site-to-cloud and site-to-site configurations



Integrated Security

Cloud-native security protects branches, home users, and cloud-based apps with micro-segmentation and identity-based policy management



Actionable Insights

Advanced insights and end-to-end visibility into application, internet, cloud, and SaaS environments



Flexible and Scalable Infrastructure

A wide range of physical and virtual platforms deliver high availability, multigigabit port options, 5G cellular links, and powerful encryption capabilities

Key Advantages

Supports Traditional Routing

Facilitates smooth migration with SD WAN features on the same platform

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Purpose-built SD WAN Architecture

Dedicated control, data, and management plane components ensure scalability and performance

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Multi-cloud Visibility

Offers comprehensive visibility across the internet, cloud, and SaaS environments

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Epsilon's Core Network As Underlay

Ensures service level assurance with up to 99.95% availability

How Enterprises Benefits

Cost Savings

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

Increased Performance

Optimises IT resource utilisation and responsiveness to business policy changes

Enhanced Business Productivity

Supports business growth and improves customer satisfaction, increasing profitability

Faster Time-to-Market

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

Minimised Risk

Delivers consistent network and security policies to reduce the risk of security breaches and network downtime

“With Epsilon SD WAN solutions, the enterprise network and security functions are elevated from the role of business enablers to business innovators”.



Aden Li
Product Manager,
SD WAN and Security
Epsilon

Why Choose Us?

Unparalleled Global Reach

Our extended and resilient network of over 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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