

Epsilon Fortinet SD WAN

Empowering enterprises to enhance efficiency, security, and agility

Secure and Scalable WAN Optimisation

Epsilon Fortinet SD WAN offers a comprehensive, secure, and cost-effective solution to optimise wide-area network (WAN) performance for enterprises. By integrating advanced security features such as next-generation firewall (NGFW), secure VPN, and threat intelligence, it ensures robust protection at the WAN edge, eliminating the need for separate security appliances. This integrated approach enhances security without compromising performance.

Fortinet SD WAN intelligently routes application traffic based on real-time conditions, prioritising critical applications and ensuring optimal performance. Through dynamic path selection, it automatically adjusts to network conditions, minimising latency, packet loss, and downtime, delivering a superior user experience across all locations.

The solution reduces costs by enabling enterprises to leverage low-cost internet connections such as broadband, 4G/5G, and MPLS alternatives. While MPLS remains an essential underlay for applications that benefit from its quality-of-service features, such as voice and latency-sensitive applications like ERP, the solution's flexibility allows businesses to scale their networks efficiently by using cost-effective alternatives for other traffic. This approach ensures optimal performance while achieving significant cost savings.

With centralised management, Fortinet SD WAN simplifies network configuration, monitoring, and troubleshooting, reducing operational complexity. Enterprises can easily scale their networks to accommodate growth, including cloud environments and remote workforces, without disruption. It provides a unified, secure, and performance-driven solution that meets the evolving needs of modern businesses, ensuring they stay connected, secure, and cost-efficient as they grow.

Today's Enterprise Network Challenges

- High WAN Costs
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- Complex Network Management
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- Poor Application Performance
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- Lack of Integrated Security
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- Scalability Issues
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- Limited Visibility and Analytics

Security-driven WAN Edge Transformation

Epsilon Fortinet SD WAN simplifies IT management by leveraging insights, automation, and predictive analytics, comprising three key components:

- **FortiManager:** A centralised, multi-tenanted platform that streamlines the configuration, monitoring, and management of Fortinet devices. It offers a single-pane view for efficient policy management, enhanced security, and faster troubleshooting, enabling quicker incident resolution.
- **FortiAnalyzer:** A centralised platform that provides visibility into security events, enabling real-time monitoring, threat analysis, and efficient reporting to enhance security and compliance
- **Epsilon Global Fabric:** Provides carrier-grade Ethernet services and dedicated cloud connectivity to leading cloud service providers via Epsilon's extensive global network of over 500 Points of Presence (PoPs)

Features



Application-aware Routing: Identifies and prioritises application traffic based on performance requirements, dynamically steering it across the best available link to ensure optimal application performance.



Integrated Next-Generation Firewall (NGFW): Integrates built-in NGFW capabilities, delivering advanced threat protection, intrusion prevention, and web filtering for robust security at the WAN edge without requiring separate appliances.



Centralised Management and Orchestration: A centralised platform for configuring, monitoring, and managing operations, streamlining network administration while reducing errors and improving efficiency.



Dynamic Path Selection: Continuously monitors WAN link performance and dynamically routes traffic through the most reliable path to ensure high availability and quality of service for critical applications.



End-to-end Visibility and Analytics: Delivers detailed insights into application performance, network health, and security events, enabling proactive troubleshooting and optimised WAN performance through tools like FortiManager and FortiAnalyzer.



Scalability and Flexibility: Supports flexible deployment options and seamless scalability, enabling enterprises to expand locations or bandwidth efficiently without significant infrastructure investments.

Key Advantages

Integrated Security
Eliminates the need
for separate security
appliances

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Optimised Application
Performance
Improves application
performance and
reduces latency

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Cost Savings and Flexibility
Uses Internet connections
to supplement Epsilon's
MPLS core, reducing cost

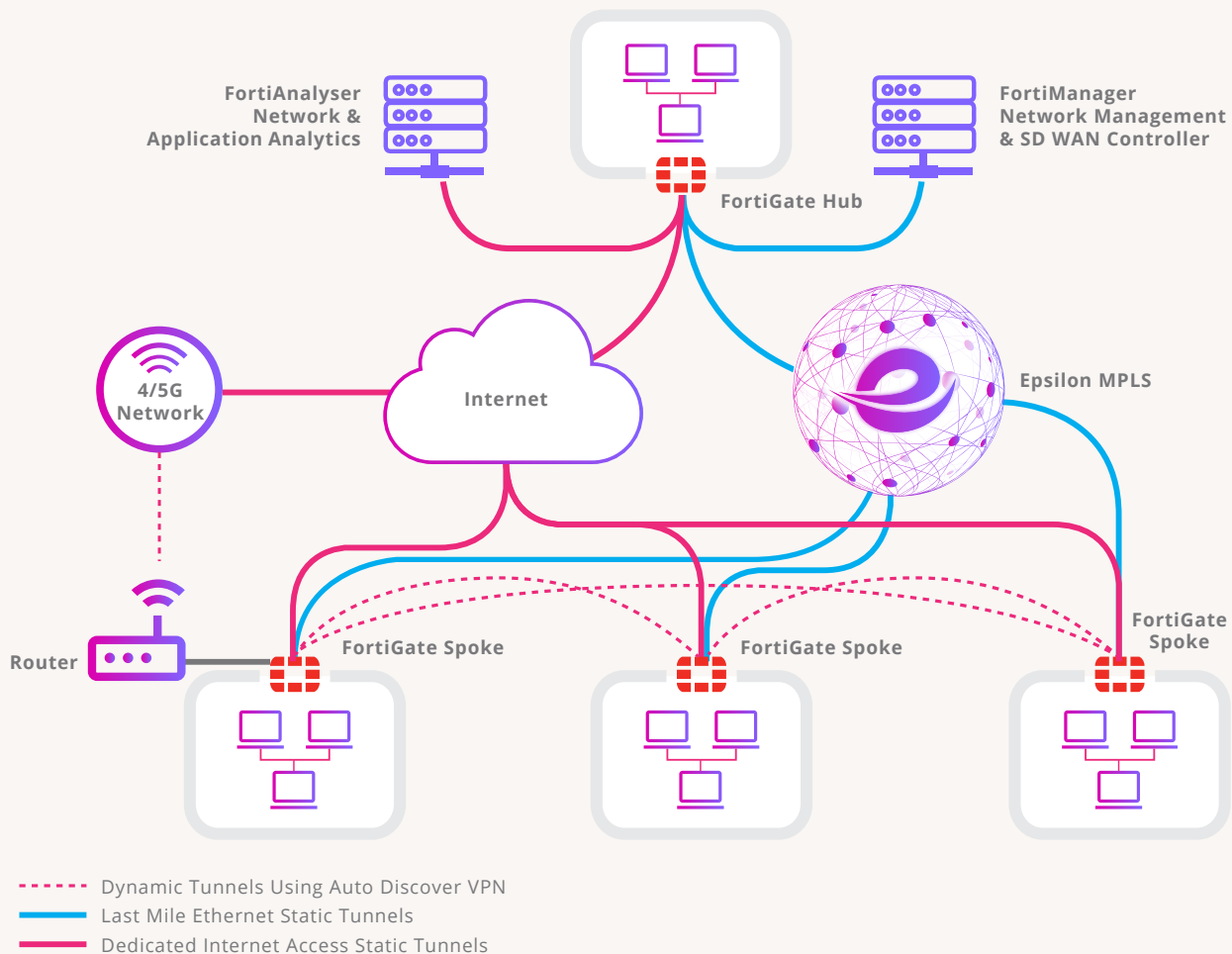
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Epsilon's Core Network
as Underlay

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Ensures service level
assurance with up to
99.95% availability

Pioneering the Next Generation of Secure SD WAN Platforms



Benefits



Better Application Experience: Fortinet SD WAN optimises application traffic, ensuring high performance and low latency for critical applications, enhancing the overall user experience.



Instant ROI Benefits: By reducing reliance on expensive MPLS circuits and leveraging cost-effective broadband, Fortinet SD WAN delivers immediate cost savings and increased operational efficiency.



Automation for Simple Connectivity: Fortinet SD WAN automates network provisioning and management, simplifying connectivity across branch offices, reducing manual configuration, and streamlining operations.



Consistent Security at All Edges: Fortinet SD WAN integrates advanced security features, such as next-gen firewalls and secure VPNs, to provide unified and consistent protection across all network edges.

How Enterprises Benefit

Cost Savings

Fortinet SD WAN reduces reliance on expensive MPLS circuits by leveraging affordable broadband, 4G/5G, or Starlink satellite connections while maintaining enterprise-grade performance.

Enhanced Application Performance

With application-aware routing and dynamic path selection, Fortinet SD WAN ensures optimal performance for critical applications, reducing latency, packet loss, and downtime.

Integrated Security

The solution includes built-in NGFW capabilities, providing advanced threat protection and eliminating the need for separate security appliances at the WAN edge.

Simplified Network Management

Centralised management and orchestration tools streamline network configuration, monitoring, and troubleshooting, reducing operational complexity and improving efficiency.

Scalability and Flexibility

Seamless scalability supports hybrid and multi-cloud environments, enabling enterprises to adapt to changing business needs quickly and cost-effectively.

“Epsilon Fortinet Secure SD WAN solution provides an efficient and unified network infrastructure tailored for modern enterprises.”



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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