

Secure SD-WAN with Fortinet

CONNECT. OPTIMIZE. SECURE.



Key Features

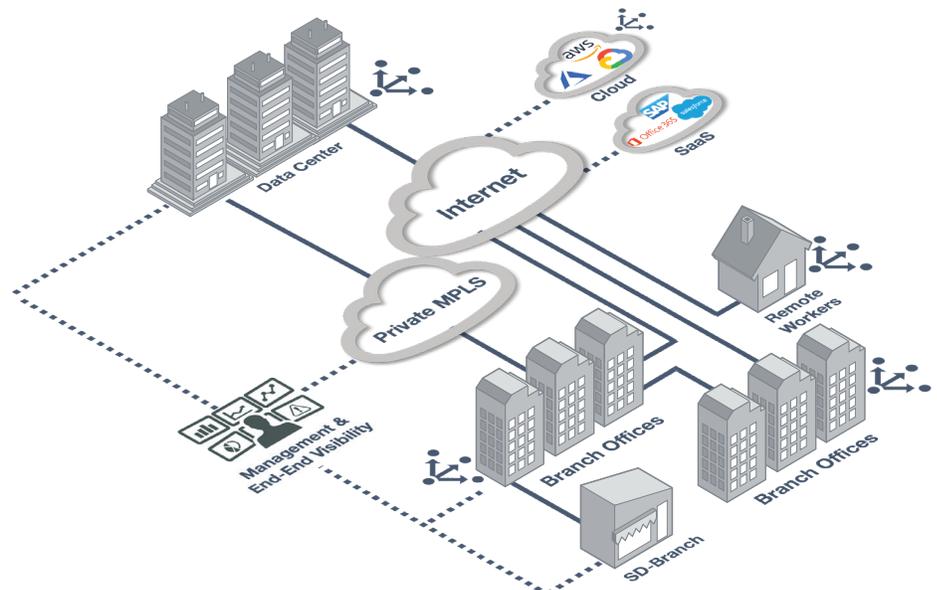
- World's only ASIC-accelerated SD-WAN
- 5000+ applications identified with real-time SSL inspection
- Self-healing capabilities for enhanced user experience
- Cloud on-ramp for efficient SaaS adoption
- Enhanced granular analytics for end-to-end visibility and control
- Gartner Magic Quadrant Leader for both SD-WAN and Network firewalls

A Secure SD-WAN, Powered by a Single OS, to Transform and Secure the WAN

As the use of business-critical, cloud-based applications continues to increase, organizations with a distributed infrastructure of remote offices and an expanding remote workforce need to adapt. The most effective solution is to switch from static, performance-inhibited wide-area networks (WANs) to software-defined WAN (SD-WAN) architectures.

Traditional WANs may utilize SLA-backed private multiprotocol label switching (MPLS) or leased line links to an organizations' main data centers for all application and security needs. But that comes at a premium price for connectivity. While a legacy hub-and-spoke architecture may provide centralized protection, it increases latency and slows down network performance to distributed cloud services for application access and compute. The result is operational complexity and limited visibility associated with multiple point products. This scenario adds significant management overhead and difficulties, especially when trying to troubleshoot and resolve issues.

Fortinet's Secure Networking strategy tightly integrates an organization's network infrastructure and security architecture, enabling networks to transform at scale without compromising security. This next-generation approach provides consistent security enforcement across flexible perimeters by combining a next-generation firewall with advanced SD-WAN networking capabilities. Furthermore, infrastructure networks are simplified by extending SD-WAN into wired and wireless access points of branch offices.

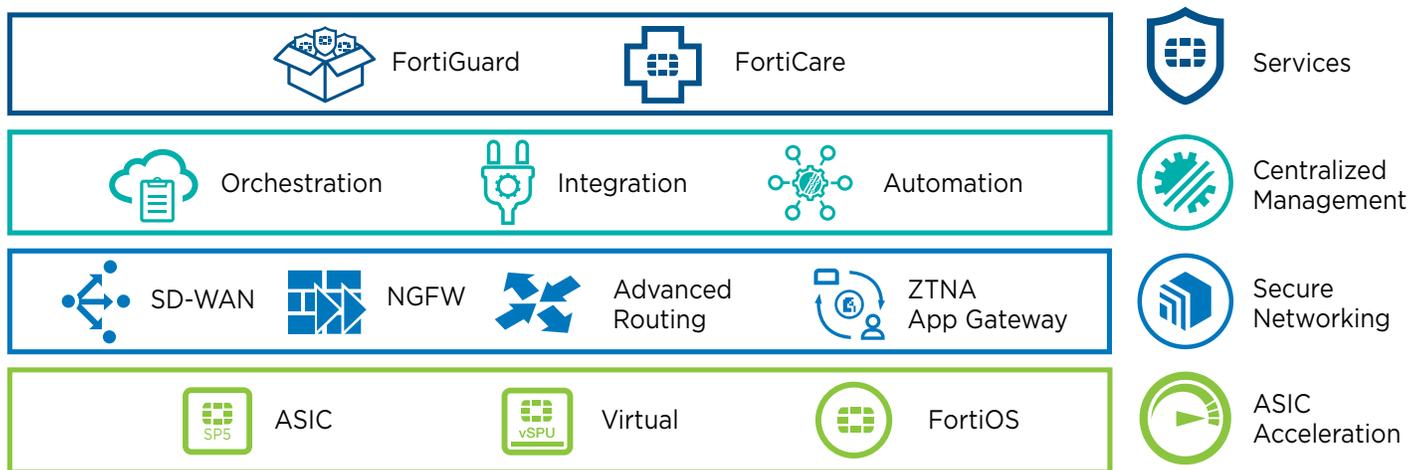


Telesystem
IT's About Trust

FortiOS

Fortinet's unified operating system delivers a security-driven strategy to secure and accelerate network and user experience. Continued innovation and enhancement enable:

- Real-time application optimization for a consistent and resilient application experience
- Advanced next generation firewall protection and prevention from internal and external threats while providing visibility across entire attack surface
- Dynamic Cloud connectivity and security are enabled through effective cloud integration and automation



FortiGuard Security Services

Enhances SD-WAN security with advanced protection to help organizations stay ahead of today's sophisticated threats:

- Coordinated real-time detection and prevention against known and unknown protecting content, application, people, and devices
- Real-time insights are achieved by processing extensive amounts of data at cloud-scale, analyzing that data with advanced AI, and then automatically distributing the resulting intelligence back for enforcement and protection

Business Outcomes



IMPROVED USER EXPERIENCE

An application-driven approach provides broad application steering with accurate granular identification, advanced WAN remediation, and accelerated cloud on-ramp for optimized network and application performance.



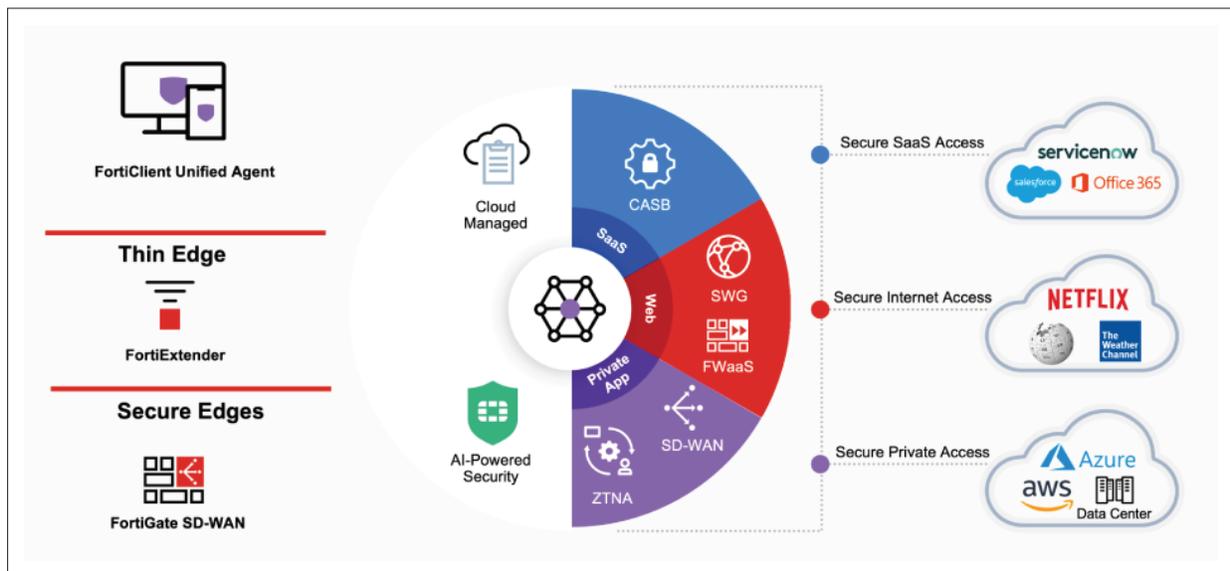
EFFICIENT OPERATIONS

Simplify operations with centralized orchestration and enhanced analytics for SD-WAN, security, and SD-Branch at scale.



COMPREHENSIVE SECURITY ON-PREM AND IN THE CLOUD

A built-in next-generation firewall (NGFW) combines SD-WAN and security capabilities in a unified solution to preserve the security and availability of the network.



Core Components

Fortinet Secure SD-WAN consists of the industry's only organically developed software complemented by an ASIC-accelerated platform to deliver the most comprehensive SD-WAN solution.

FortiGate

Provides a broad portfolio available in different form factors: physical appliance and virtual appliances, with the industry's only ASIC acceleration using the SOC4 SPU or vSPU.

- Reduce cost and complexity with next generation firewall, SD-WAN, advanced routing, and ZTNA application gateway on a unified platform that allows customers to eliminate multiple point products at the WAN edge
- ASIC acceleration of SD-WAN overlay tunnels, application identification, steering, remediation, and prioritization ensure the best user experience for business-critical, SaaS, and UCaaS applications