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Fortinet and Kyndryl

Secure Networking With SD-WAN and SASE Services

Digital transformation is no longer viewed as a single initiative. It's infused across tens of hundreds of projects happening simultaneously across the enterprise. What do they all have in common? They require a secure, scalable, integrated architecture that's easier to manage and effortlessly supports the expanding IT landscape.

Challenges to securing the network:

Expanding Threat Risk
Ransomware variants nearly doubled in the first half of 2022 compared to the previous six months.[1]

Work From Anywhere
68% of global respondents favor a hybrid work routine.[2]
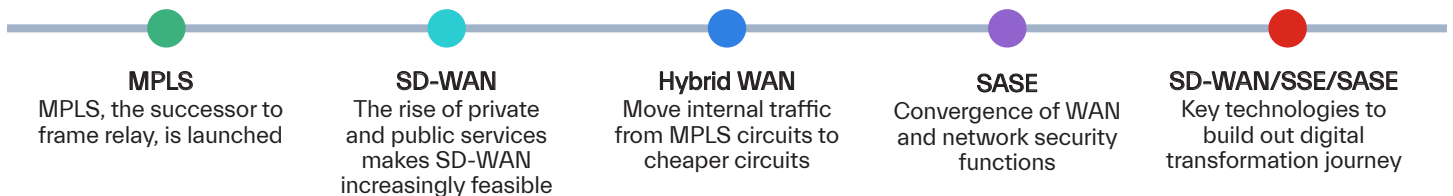
Limited Security Talent
67% of security leaders agree the shortage of qualified cybersecurity candidates creates additional risks.[3]

WAN Revolution

Traditional wide-area networks (WANs) were not architected for large-scale, multi-cloud usage or remote workforces. Redefining WAN evolution, with security as the foundation, Kyndryl and Fortinet can help you assess your secure networking requirements across any deployment, any service, any transport, and any entity or user location.

MPLS
MPLS, the successor to frame relay, is launched

SD-WAN
The rise of private and public services makes SD-WAN increasingly feasible

Hybrid WAN
Move internal traffic from MPLS circuits to cheaper circuits

SASE
Convergence of WAN and network security functions

SD-WAN/SSE/SASE
Key technologies to build out digital transformation journey

Kyndryl leverages Fortinet secure innovation to help enterprises modernize architectures and embed cyber resilience into their operational strategy for flexible, cost-effective, and secure connectivity at scale across hybrid cloud environments. Together, we help enterprises:

Scale High-Performing WAN
Enable remote sites to connect to networks, data centers, and multiple clouds with lower latency, better performance, and more reliable connectivity.

Optimize Hybrid Workforce Experience
Address technology needs for long-term secure remote access and collaboration tools that enable employee flexibility and autonomy.

Transform WAN and Security
Enable fast, scalable, and flexible secure SD-WAN for cloud-first, security-sensitive, and global enterprises.

Enhance Hybrid, Multi-Cloud Connectivity
Establish secure, high-performance connectivity to apps running in hybrid and multi-cloud environments.

Simplify Secure SD-Branch
Seamlessly expand to new edges to deliver unparalleled performance and reliability with centralized control and visibility across the entire branch attack surface.

Application-Resilient Networks, No Matter the Location

Once Kyndryl simplifies your architecture, it's time to connect users and applications in the most efficient way for the best user experience.

Intelligent, policy-based traffic steering

Reliable accuracy and encrypted traffic

Continuous learning with support for 5000+ apps

Self-healing and automatic failovers

High-availability FortiGate devices deployed at network edge

Managed SD-WAN Services

Distributed applications and an increasingly remote workforce are demanding a reinvention in how network architectures are designed and managed. Employees, users, and customers have evolved, driving a requirement for anywhere, anytime secure access across the enterprise on any device. Kyndryl and Fortinet help customers deliver this by:

Modernizing your legacy WAN with Kyndryl's agile, automated, and security-aware end-to-end SD-WAN services. This delivers operational efficiencies, technology integration, and cost savings required by today's enterprises without compromising the user experience.

Kyndryl Global Network Peering Platform provides clients with a single choice for network management and cloud-based applications and services. This further reduces timelines, complexities, and costs associated with adoption and transformation projects.

Jointly, Kyndryl and Fortinet deliver secure, highly scalable, cost-efficient, and transformative solutions and services. These meet the ever-changing needs enterprises face in achieving digital transformation while delivering on business outcomes.
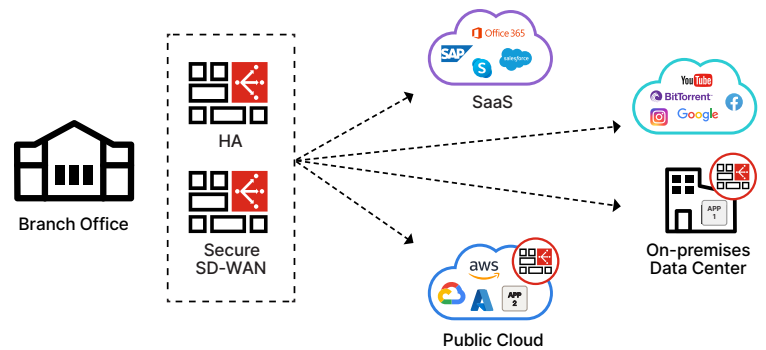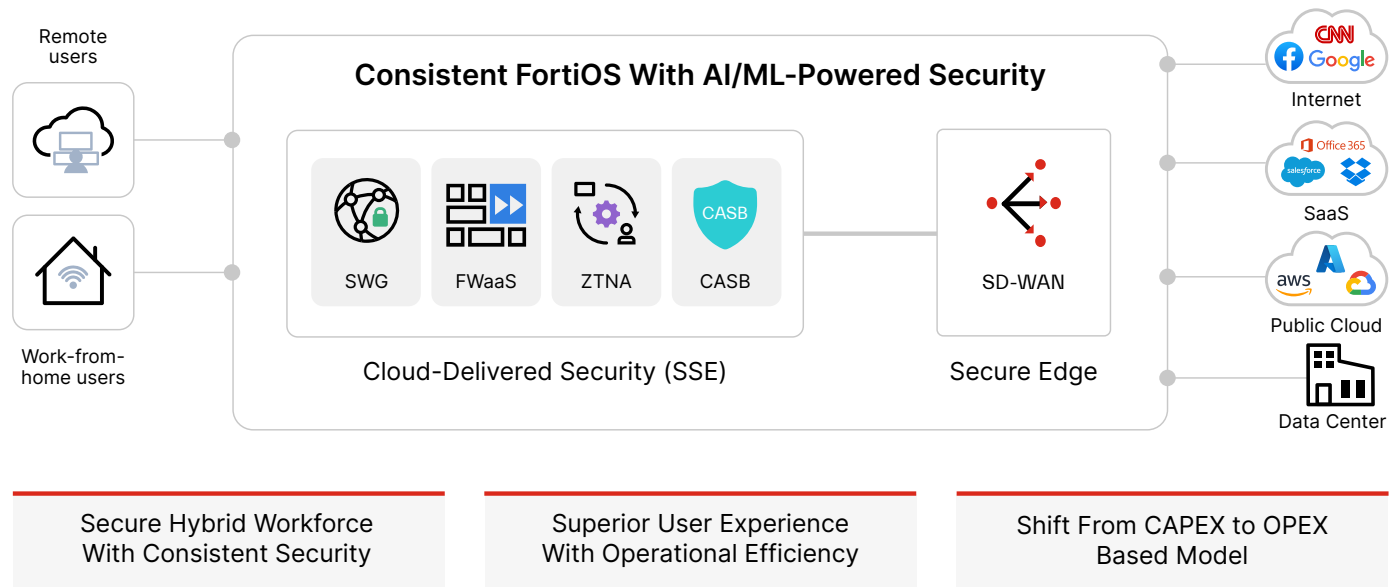
Figure 1. Managed SD-WAN Services

Managed SASE Services

SASE is a network architecture framework that combines cloud-native security technologies with WAN capabilities to securely connect users, systems, and endpoints to applications and services anywhere.

Convergence of cloud-managed SD-WAN and security

Full-stack security with unified security policy

Fast deployment of new edge clients without on-premises infrastructure

Direct-to-net or direct-to-cloud access to any device from anywhere

FortiSASE for Cloud-Delivered Security and Networking

Remote users

Work-from-home users

Consistent FortiOS With AI/ML-Powered Security

SWG · FWaaS · ZTNA · CASB

Cloud-Delivered Security (SSE)

SD-WAN

Secure Edge

Internet · SaaS · Public Cloud · Data Center

| Secure Hybrid Workforce With Consistent Security | Superior User Experience With Operational Efficiency | Shift From CAPEX to OPEX Based Model |

Why Fortinet and Kyndryl?

Kyndryl is the world leader in designing, building, managing, and modernizing mission-critical information systems delivering digital transformation outcomes for many of the world's largest customers. Through an alliance with Fortinet, Kyndryl can deliver broad, integrated, high-performance security embedded into industry-leading services from sensors to cloud. Together, we conquer the ever-changing and complex cyber resiliency landscapes and provide a vital network security core enabling the heartbeat of the multi-vendor digital economy.

For more information, please visit Fortinet.com.

1. "2022 1H Global Threat Landscape Report," Fortinet, August 2022.
2. "Hybrid working: Why there's a widening gap between leaders and employees," World Economic Forum, December 2022.
3. "2022 Cybersecurity Skills Gap Report," Fortinet, April 2022.