

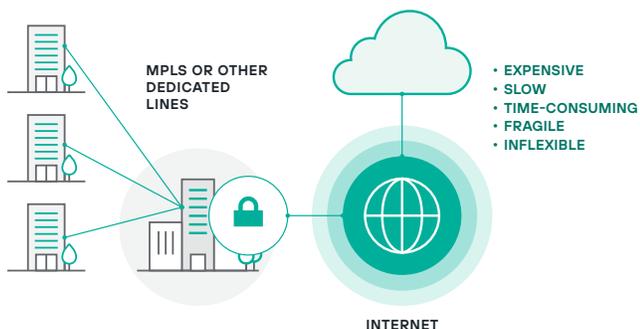


Forcepoint Secure SD-WAN

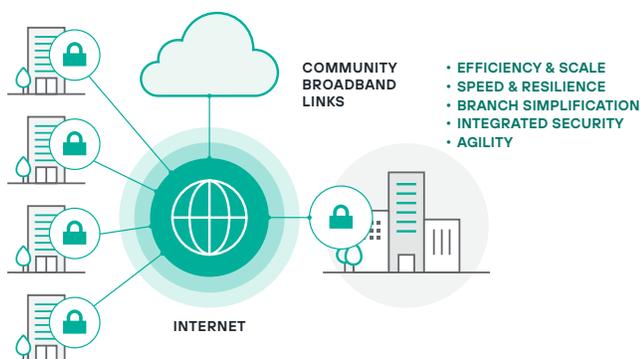
Built into Forcepoint's NGFW, you can bring security and connectivity together in a single solution to protect your decentralized organization.

Most traditional “backhauled” networks, especially ones built on MPLS, can no longer support the demands of modern, distributed businesses. Sending high volumes of traffic from remote locations through central offices can overwhelm older network and security infrastructures—leading to outages, latency, and a poor user experience. Upgrading traditional networks securely and effectively can be expensive, add complexity, and limit visibility. Forcepoint Secure SD-WAN (Software-Defined Wide Area Networking), built into our industry-leading Next-Generation Firewall, provides a single solution for connecting and protecting your decentralized workforce.

MPLS “HUB-AND-SPOKE”



ENTERPRISE SD-WAN DIRECT-TO-CLOUD



Challenge

- › The accelerated transformation of the distributed workforce and increased reliance on cloud applications and computing means attack surfaces have expanded, and traditional approaches to centralized networks and security can no longer keep up.
- › Slower, backhauled network technologies such as MPLS are expensive and unable keep up with modern network demands.
- › Patchwork products and vendor sprawl create gaps in visibility and security that organizations cannot afford to have.

Solution

- › [Forcepoint Next-Generation Firewall \(NGFW\)](#) with built-in Secure SD-WAN integrates direct-to-cloud connectivity with industry-leading network security to meet the demands of the modern enterprise.
- › Forcepoint Secure SD-WAN leverages Forcepoint MultiLink™ technology to create resilient networks with multiple redundancies and automated failover systems to help ensure your business doesn't go offline.
- › The Forcepoint integrated approach to secure connection and edge protection allows organizations to consolidate networking solutions in addition to simplifying overall management and maintenance.

Outcome

- › **Better Resiliency**—Faster, reliable connections with automated failover protections means your employees can get their work done without being hindered, and your business can stay online, even under challenging circumstances.
- › **Lower Costs**—The Forcepoint integrated approach allows you to do more with less and offers a lower Total Cost of Ownership (TCO) when compared to other leading vendor solutions. See the IDC report: [Quantifying the Operational and Security Results of Switching to Forcepoint](#).
- › **Reduced Risk**—In the modern era, connectivity without security puts organizations at risk of ransomware attacks and outside threats. Forcepoint offers a single, integrated solution that both connects and protects organizations while offering industry-leading security efficacy to enhance your network security posture.



Transforming networks with Secure SD-WAN

Secure software-defined wide area networking (Secure SD-WAN) is a proven game changer for many organizations. Using faster, lower-cost local internet connections at remote locations, SD-WAN can:

- **Reduce network costs.** Expensive MPLS lines can be augmented or replaced with commodity internet links like DSL, cable, or fiber along with a virtual private network (VPN) software. Because Forcepoint Secure SD-WAN is built into our industry-leading Next-Generation Firewall, you can replace multiple point products with a single solution and enable your teams to do more with less.
- **Create a more resilient architecture.** In today's world, your business cannot afford to go offline. Forcepoint Secure SD-WAN can be configured with our MultiLink™ technology that helps to ensure you can maintain business continuity, even if you experience an unexpected outage or downtime.
- **Harden network security.** Centrally managed Forcepoint Secure SD-WAN offers network teams greater visibility and control with a single console that allows teams to accelerate response times. Forcepoint Secure SD-WAN Broker allows teams to create a zero-knowledge distributed architecture without adding complexity or additional cost that automatically creates and terminates connections on-demand—shrinking your attack surface and reducing costs.

Transforming security on top of SD-WAN

Most SD-WAN solutions include encryption for protecting the privacy of data, but going direct-to-cloud from remote locations requires that security for networks, users, and data is enforced at either the site level or in the cloud.

- **Network security.** Access control and intrusion prevention, usually in the form of next-generation firewalls keep attackers out.
- **Web security.** Real-time protection against advanced threats that lurk in web pages or content downloaded from the web is critical; it is most commonly delivered as a secure web gateway service with a Secure Access Service Edge (SASE) architecture, providing hybrid enforcement where needed.
- **Cloud app data security.** Apps used in the cloud, and data stored there, must be monitored to prevent abuse. This is also typically delivered as a service in the form of solutions such as Cloud Access Security Broker (CASB).

Forcepoint Secure SD-WAN brings all the puzzle pieces together to create the foundation for connecting users throughout distributed environments to a SASE architecture. This enables organizations to more seamlessly connect and protect their networks, users, and data to meet the demands of the modern business and remote workforce.

+ “Security and risk management leaders today have a different choice for their digital business. They can move to a SASE architecture that is more agile and easier to manage, while sacrificing nothing in terms of security efficacy.” 2021 Gartner,® Best Security Practices for SD-WAN

Forcepoint Secure SD-WAN brings connectivity and security together at enterprise scale

Distributed enterprises and government agencies around the world depend on Forcepoint to connect and protect their highly distributed offices, stores, and branches. We pioneered the centralized management of multiple network connections and built our solution with a security-first approach. Built into our industry-leading Next-Generation Firewall, which includes enterprise-grade intrusion prevention security (IPS), our Secure SD-WAN solution allows teams to improve operational efficiency without sacrificing security or functionality.

Easy to deploy, easy to manage

Forcepoint Secure SD-WAN is designed for easy, rapid deployment through three methods: zero-touch with a simple download, plug-and-play through the use of a USB, or through an API-based configuration.

Zero Trust architecture

Our Secure SD-WAN solution is designed with granular, Zero Trust access controls for on- and off-network users. It also leverages endpoint executable enforcement and machine authentication using Forcepoint Endpoint Context Agent (F1E). From the network to the endpoint, Forcepoint Secure SD-WAN enables your teams to not only connect, but to protect critical assets and infrastructure.

Simple cloud integration with Forcepoint EasyConnect™

Forcepoint EasyConnect™ allows simple, automatic connection to the nearest data center for optimal performance and includes Forcepoint proxy header for TCP connections sent to the Forcepoint Cloud. EasyConnect™ dramatically reduces the operational overhead to provide secure web protection to your entire company. With a single firewall rule, hundreds of sites using Forcepoint Next-Generation Firewalls can be directed to point all office web traffic to the Forcepoint Web Security Cloud service.

Learn more about
Forcepoint Secure
SD-WAN on our
[website](#).



Why organizations around the world choose Forcepoint for transforming to a flexible, hybrid infrastructure

“Using a single vendor with a fully integrated SASE solution offers operational advantage, while a best-of-breed provider requires more time and skills to integrate and manage.”

GARTNER, Best Security Practices for SD-WAN 2021

Enterprises and government agencies around the world choose Forcepoint because we help them achieve better operational outcomes:

Better resiliency

- Multiple redundancies and automated failover to prevent unplanned outages or downtime
- High availability with active/active standby firewall clustering for up to 16 nodes
- Server load balancing, link aggregation, and link failure detection

More flexibility

- Deploy our Next-Generation Firewall on premise, virtually, or in the cloud of your choice.
- Deploy our Secure SD-WAN with a simple download, a USB drive, or through API-based configuration.
- Leverage innovative integrations to extend your infrastructure and maximize your overall network investment.

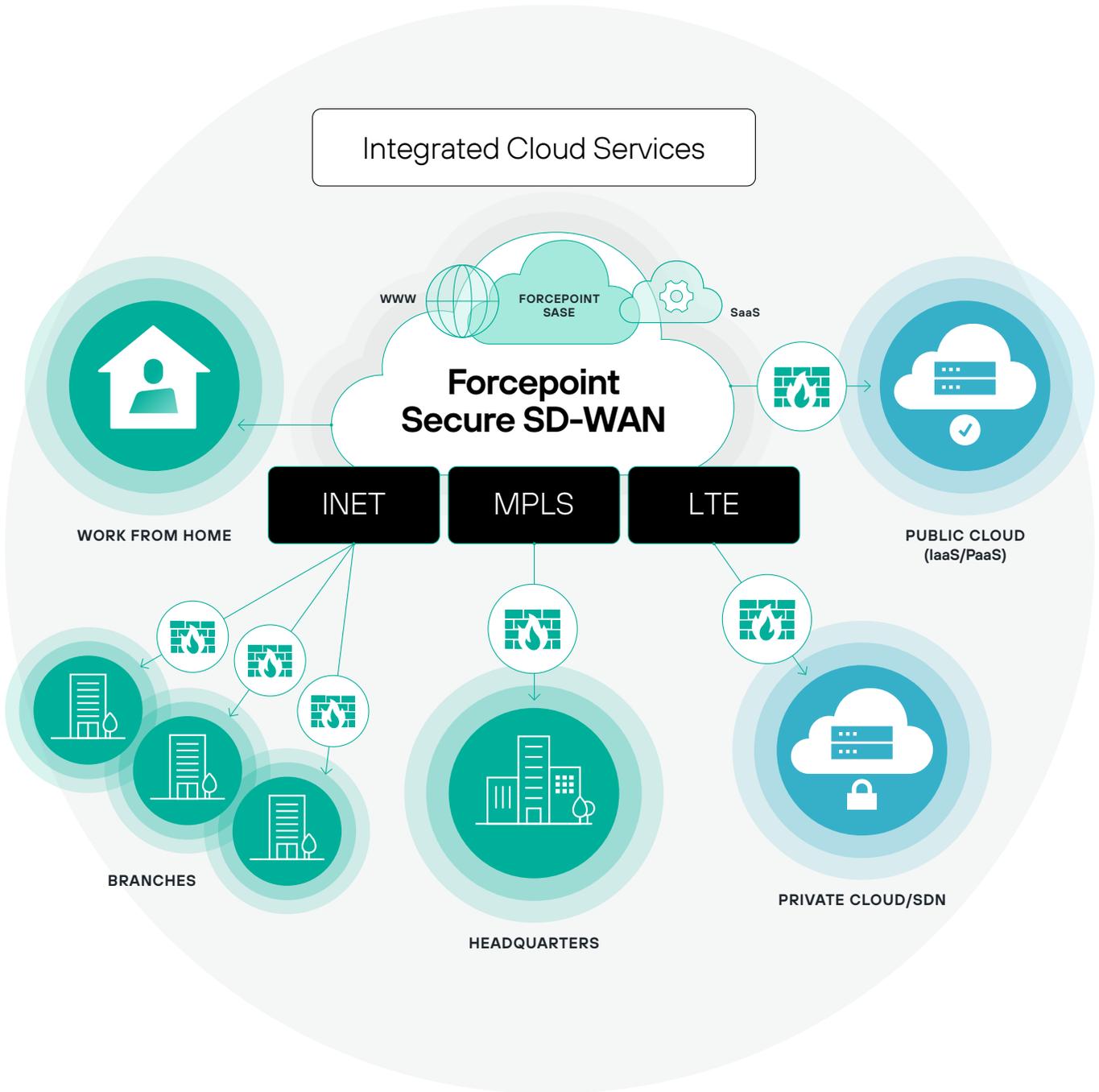
Lower costs

- Consolidate multiple vendors and point products into a single network solution to lower TCO.
- Zero-downtime updates of policies and application configuration
- Expedite deployments and incident response times.

Reduce risk

- Automatically create and terminate connections on-demand to shrink your attack surface with Forcepoint Secure SD-WAN Broker.
- Streamline compliance efforts through templates and policies with the option for automatic enforcement from network to endpoint.
- Have confidence that Forcepoint Next-Generation Firewall with Secure SD-WAN is rigorously tested to meet industry and government certification requirements (FIPS 140-2, Common Criteria, DoDIN APL, IPv6 [and more](#)).

Forcepoint Secure SD-WAN Architecture



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