Forcepoint FlexEdge Secure SD-WAN
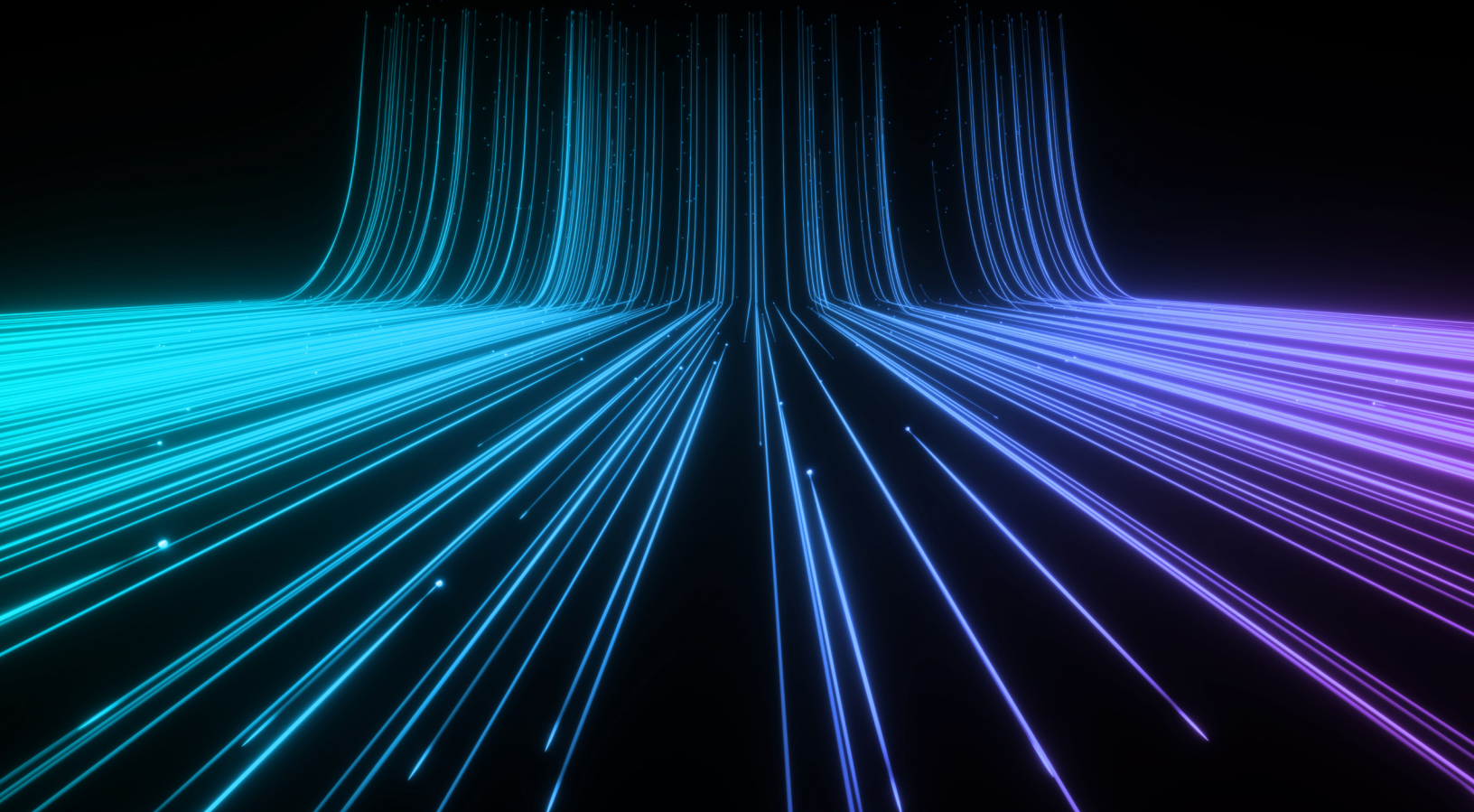
A modern and simplified approach to enterprise-grade Secure SD-WAN

Forcepoint

In today's digital first landscape, traditional network infrastructure presents significant challenges for organizations. As businesses increasingly rely on cloud-based applications and distributed workforces, traditional hub and spoke architecture struggles to keep pace with the evolving demands of modern cloud environments.

Experience improved application performance, reduced network costs, and simplified security with FlexEdge Secure SD-WAN. Streamline your network infrastructure while gaining increased visibility into network activity across your environment.

Organizational Challenges:

› Poor application performance negatively impacting user productivity

› Slow, expensive, and cumbersome traditional network infrastructure hinders operational efficiency

› Inconsistent security and performance across branch locations

› Lack of flexibility in network infrastructure restricting quick adaptation to changing business needs

The Solution with FlexEdge Secure SD-WAN:

› Increase application performance and boost productivity

› Reduce networking costs and optimize network ROI

› Secure and reliable connection for branch offices and remote users

› Consistent enforcement of security policies across all locations

› Enhance network scalability and resiliency

"Best Experience in Connectivity & Security Through Forcepoint SD-WAN"

FlexEdge Secure SD-WAN
Senior System Administrator, 10/21/2023
Finance | $50M-250M

Increase Productivity

Unlock the potential of your SaaS applications with Forcepoint FlexEdge Secure SD-WAN. As the backbone of modern organizations, SaaS applications empower users to accomplish tasks efficiently and cost-effectively. However, networking challenges can hamper productivity, leading to decreased efficiency and user satisfaction.

Increase Application Performance

Dynamic Application Steering leverages precise application identification and accurate link monitoring to effectively allocate networking resources, ensuring your mission-critical applications receive the necessary resources for optimal performance.

Stay Informed with Application Health Monitoring

Application Health Monitoring provides visibility into your organization's network traffic. Administrators can detect and resolve bottlenecks before they become a network-wide problem. It provides real-time visibility, historical views, and easy access to connectivity logs right from the dashboard.
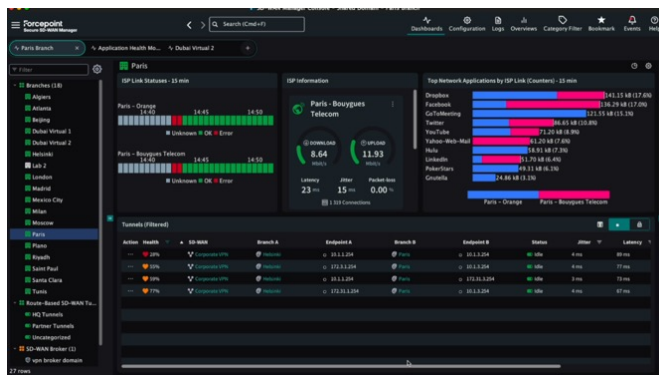

Figure 1: Historical health status for all ISP links and ISP link load balancing by network applications for SD-WAN sites

Streamline Deployment and Boost Efficiency

Zero touch provisioning simplifies SD-WAN deployment and management. It minimizes set-up time, reduces risk of human error, and accelerates the time-to-value. Administrators can distribute policies and updates to multiple engines remotely, scaling your network infrastructure rapidly and cost-effectively.

Optimize Networking Cost

For organizations with multiple locations or extensive network deployments, networking costs can quickly become a significant expense. Bandwidth costs, especially for high-speed connections or heavy data usage, can quickly add up. FlexEdge Secure SD-WAN can improve your networking costs and increase performance.

Maximize Performance and Reduce Costs

Multi-Link™ optimizes application performance and reduces networking costs. It dynamically routes traffic over the most efficient and cost-effective path links. When links have similar quality, Multi-Link™ distributes traffic proportionally to the quality, maximizing bandwidth utilization and reducing costs associated with using MPLS connections.
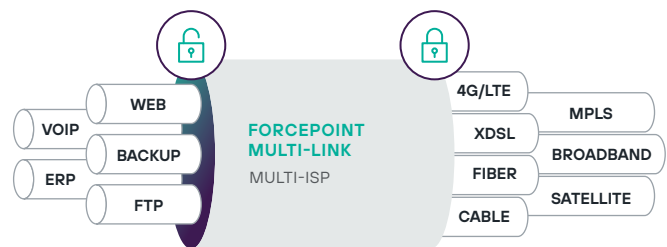

Figure 2: Forcepoint Multi-Link™ technology

Ensure Business Continuity

Quality of Service (QoS) reduces networking costs by optimizing bandwidth utilization and minimizing downtime. Control the bandwidth usage for specific applications or users to avoid congestion and bottlenecks. With QoS you can optimize network resource utilization and avoid expensive bandwidth upgrades. QoS also prioritizes critical traffic to ensure your network remains stable and reliable. Minimize potential revenue and productivity loss with Forcepoint.
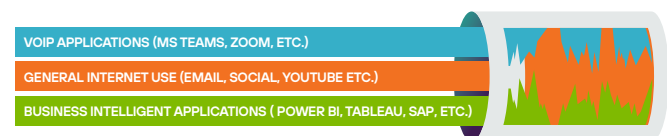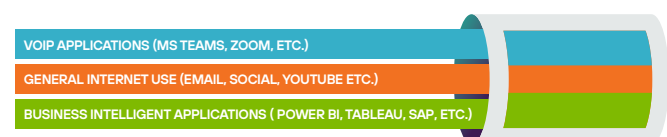

Figure 3: Quality of Service capability

Optimize Bandwidth and Minimize Downtime

High Availability clustering eliminates single points of failure. Each active-active cluster can mix and match different models that all operate together for high network performance. In case of failure, backup device seamlessly takes over to minimize downtime and maintain seamless connectivity. Forcepoint's management system can update policies and even upgrade software across the cluster seamlessly, without taking sites offline or dropping packets.
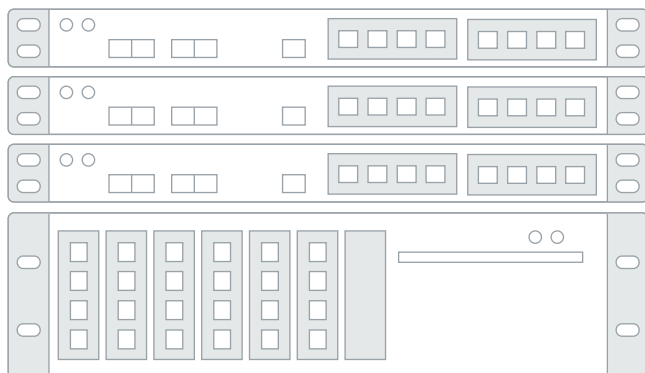

Figure 4: High Availability cluster

Enhance network security and visibility

Branch sites are the lifeblood of distributed organizations, but they come with unique network security challenges. Consistently enforcing security policies and effectively monitoring network activity can be a daunting task. Forcepoint makes it easy to ensure your network maintains a secure connection between branch sites and headquarters.

Simplify and Centralize Network Management

Secure SD-WAN Manager Console (SMC) is the central hub for unified configuration, monitoring, and reporting of the SD-WAN solution. From a single location, you can manage and simplify large SD-WAN deployments. SMC also provides automated responses to security threats and eliminates error-prone work by importing and exporting configurations between multiple systems

Comprehensive Security

Multi-layer inspection increases your network security and performance. It combines access control to define policies that govern your user's access to network resources, deep inspection to detect advanced threats, and file filtering to block malicious file transfers. This comprehensive approach provides your organization with network-wide security enforcement, even at branch sites.

Enhancing Visibility and Threat Detection

Endpoint Context Agent (ECA) enhances visibility and context for better network understanding. Deployed in devices, it integrates with other Forcepoint security solutions to provide a comprehensive security framework. Organizations gain granular visibility into network traffic at the endpoint level to enable more effective policy enforcement and threat detection.

Simplify and Centralize Network Management

Encrypted Traffic Inspection protects businesses while maintaining privacy. With advanced threat detection capabilities, Forcepoint inspects encrypted traffic to identify and block malicious traffic that could bypass traditional security controls. Administrators gain granular control over encrypted traffic, including HTTPS connections to ensure your organizations' security and privacy.

Data-First SASE solution

Integrate FlexEdge Secure SD-WAN with Security Service Edge (SSE) services. Forcepoint provides a complete data-first SASE solution that delivers consistent security policies and enforcement across hybrid cloud environments. The integration with Forcepoint CASB (Cloud Access Security Broker) and ZTNA (Zero-Trust Network Access) allows for secure access to applications and data from any location, while integration with SWG (Secure Web gateway) provides protection against web-based threats. Further integration with Advanced Threat Protection services such as Forcepoint Remote Browser Isolation (RBI) and Advanced Malware Detection and Protection (AMDP) provides multiple layers of security to ensure safe access to web applications and sites, even in remote locations. This comprehensive integration with SSE services provides a seamless and secure user experience regardless of location or device.
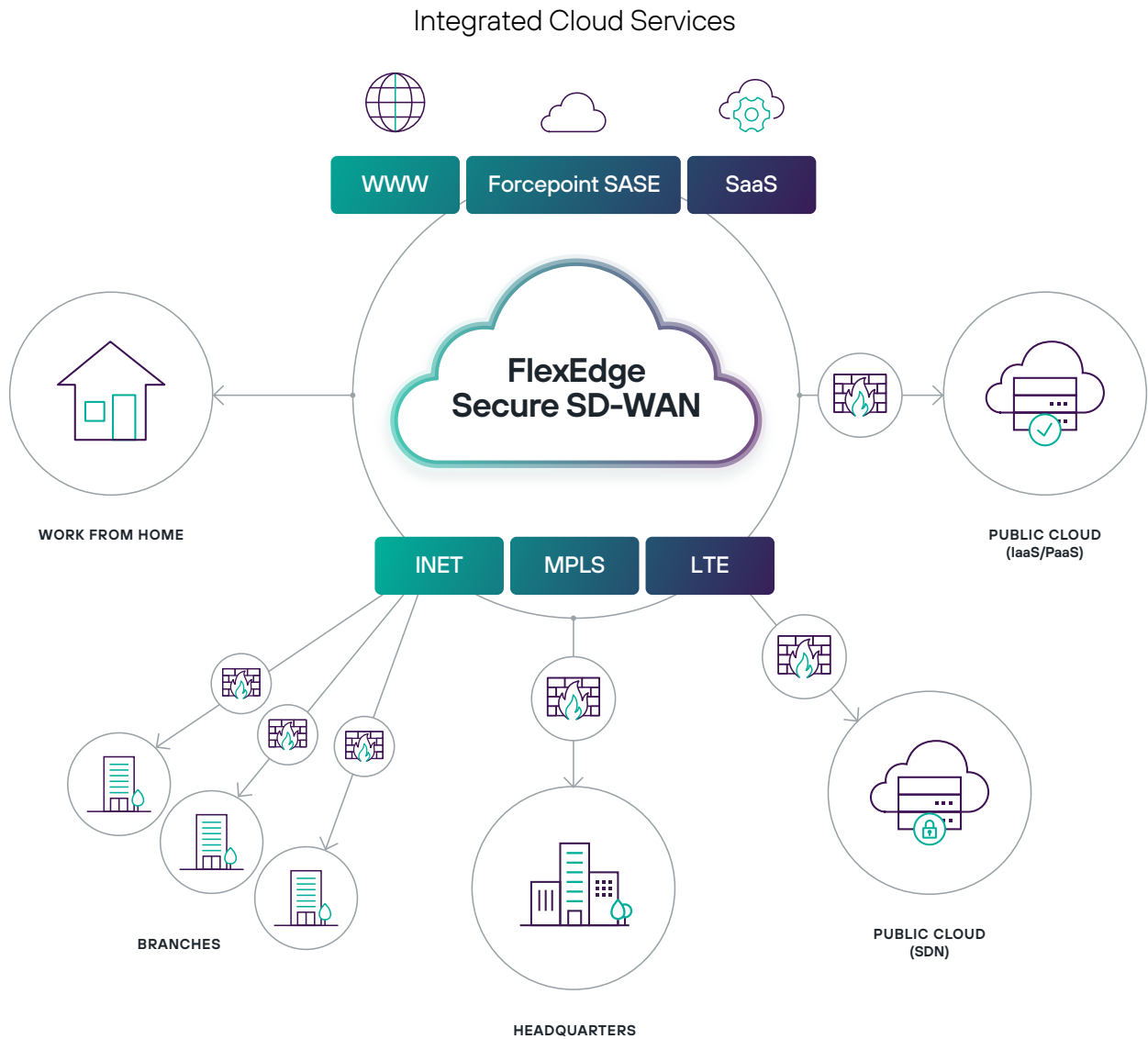

Figure 5: FlexEdge Secure SD-WAN Architecture.

Learn more about **FlexEdge Secure SD-WAN**

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About Forcepoint

Forcepoint simplifies security for global businesses and governments. Forcepoint's all-in-one, truly cloud-native platform makes it easy to adopt Zero Trust and prevent the theft or loss of sensitive data and intellectual property no matter where people are working. Based in Austin, Texas, Forcepoint creates safe, trusted environments for customers and their employees in more than 150 countries. Engage with Forcepoint on www.forcepoint.com, Twitter and LinkedIn.