Netskope One Secure Access Service Edge (SASE)

Netskope offers the most complete range of single-vendor SASE options that align to the requirements of different business sizes, from midmarket to the largest enterprises, bringing simplicity to SASE without sacrificing on security, performance or cost.

Quick Glance

- Full platform convergence accommodating industry's best security and networking technologies into a unified, cloud-native platform, along with industry's first unified SASE client

- Best-in-class enterprise networking and security capabilities for zero trust security and optimized connectivity to any network location or device

- Phenomenal user experience with unparalleled service coverage, performance and resilience, along with full hop-by-hop visibility from the user to the application

"Netskope is mature, and offers the full set of capabilities you would expect for a SASE solution at the enterprise level."

Solution Architect and Security Lead

Medium Enterprise Diversified Financial Services Company

The Challenge

The over reliance on legacy perimeter-based network security architectures to address the digital transformation and work-from-anywhere initiatives have resulted in poor user experience, heightened the security concerns and increased the overall costs and complexity of operations.

Secure access service edge (SASE) was introduced by Gartner in 2019 to address these concerns through convergence of critical networking and security capabilities in a cloud-delivered service, enabling fast and secure access to resources from any location or device. However, organizations have struggled to fully realize the benefits of SASE because of the following key reasons:

- A dual-vendor SASE solution, delivered via the explicit pairing of networking and security vendors, offers advanced, feature-rich services, but requires tight integration and is complicated to deploy and manage.

- A single-vendor SASE solution, that is converged and easy-to-use, lacks the depth of security and connectivity capabilities offered by the specialized dual vendor solutions.

Organizations need a SASE solution that supports their digital transformation efforts without compromising between security, agility, and simplification.

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The Solution

Netskope One SASE combines Netskope's market-leading Security Service Edge (SSE) with its next-generation SD-WAN to provide a cloud-native, fully-converged and single-vendor SASE solution, well suited to meet the requirements of enterprises and mid-market businesses. The solution simplifies management from a single console, while providing AI-powered zero trust security and optimized connectivity to any app from any network location or device, including IoT.

The solution also makes it easy for managed service providers (MSP) to deploy and manage Netskope One SASE at scale for their end customers, while enhancing user experience through blazing fast access to web, SaaS and private applications.

Ease-of-use through convergence and complexity reduction

Many SASE solutions in the market today are getting delivered through a jagged assembly of disjointed point products like on-premises IPS and Application Firewall, or cloud security services like CASB, SWG, and ZTNA. Each of these products and services come with their own interfaces, policies and configurations, leading to integration challenges, and increase in the management overhead and the overall cost of ownership.

Netskope combines the critical networking and security services in a truly converged, cloud-native platform, with complete zero trust security services built-in, not bolted-on. This simplifies the deployment and management and provides consistent user experience with a single management console.

In addition to this, Netskope's industry first unified, all-software SASE client converges complete SD-WAN and SSE capabilities in a single footprint. This allows organizations to eliminate the need for multiple agents and hardware appliances, and provide secure, optimized access to branch offices and remote users using a uniform zero trust and network performance policy from a unified platform.

The true convergence achieved with Netskope One SASE eliminates the need for multiple client applications and hardware appliances, while allowing for consistent policy enforcement across the business footprint.

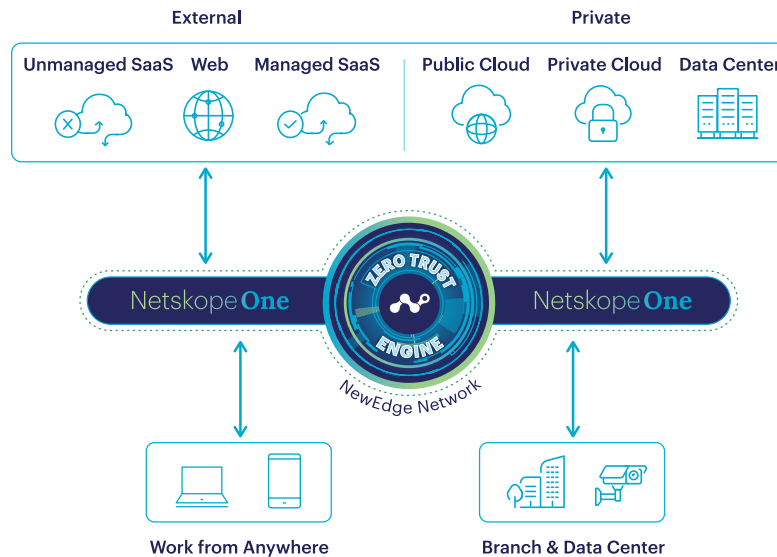## Best-in-class enterprise security

The adoption of cloud and hybrid work has led to a data sprawl and expanded the threat landscape, leading to greater security risks. While there is a broad spectrum of single-vendor SASE offerings in the market that strive to take a cohesive approach towards offering networking and security capabilities from a single platform, these offerings simply lack the sophisticated security capabilities demanded by the modern enterprises.

Netskope, with its extensive breadth of security services, encompassing SWG, CASB, ZTNA and FWaaS, supported by the most comprehensive data and advanced threat solution, offers the most complete, cloud-native, feature-rich SASE solution to secure access to cloud services, websites, and private apps from anywhere, on any device.

The Zero Trust Engine lies at the heart of the Netskope One platform, facilitating the implementation of zero trust by continuously gathering risk telemetry about users, devices, applications, and data to extend precise and comprehensive adaptive trust that minimizes security risk while enabling a fast and empowering user experience.

The most complete, feature-rich network and security platform of Netskope SASE helps enterprises escape the traditional compromise between performance, security, and complexity.

External

Unmanaged SaaS   Web   Managed SaaS   Public Cloud   Private Cloud   Data Center

Private

Netskope One   ZERO TRUST ENGINE   Netskope One

NewEdge Network

Work from Anywhere

Branch & Data Center

Simplifying network management through automation

Exploding mobility, proliferation of apps and devices —work environments are expanding in ways that traditional SD-WAN solutions are not equipped to handle. These solutions struggle to provide the desired quality of service to the connected applications, increase the cost and complexity through integration of multiple disjointed products, and fail to automate laborious tasks, burdening teams with management inefficiencies.

Netskope One SASE eliminates multiple point products with one platform, one software, and one policy approach for multiple deployments. Traffic is automatically steered to the NewEdge network, providing high-performance access to business resources from every remote user, device, and site.

The solution leverages AI-driven operations to monitor the network at all levels – including users, branches, and clouds – to detect anomalies, enable proactive troubleshooting and automatically rectify any poor network conditions to deliver the highest network performance. It automates network operations and brings new sites, users, and cloud environments up in minutes with zero touch provisioning.

Netskope One SASE leverages Zero Trust Engine for unparalleled visibility and control into web, SaaS and private applications and delivers context-aware SD-WAN that automatically prioritizes critical applications, eliminating manual configurations and resulting in efficient operations.

Global coverage with full visibility and control of the user experience

The legacy network and security architectures are not designed for the digital transformation around cloud and mobility. In order to not lose the visibility and control over the internet-bound traffic originating from branch and remote locations, organizations still rely on outdated technologies, like MPLS and VPN, that force all traffic to a central data center before routing them back out to the internet, where the majority of applications and data reside. This negatively impacts network performance and user experience. The need is to provide ubiquitous access to corporate resources hosted anywhere from any location, while overcoming the performance limitations of the public Internet to deliver a superior user experience.

Netskope NewEdge, the world's largest, highest-performing security private cloud, with global PoP footprint across 75+ regions provides customers with unparalleled service coverage, performance and resilience. NewEdge delivers superior user experience by achieving the fastest end-to-end round trip times for web, cloud, and SaaS with low, typically single-digit millisecond latency on-ramps for users accessing from anywhere.

Netskope One Digital Experience Management (DEM) leverages its purpose-built private cloud infrastructure to deliver full hop-by-hop visibility from the user to the application—including within the SASE platform— eliminating the "grey cloud" that SASE and third-party DEM solutions relying on public cloud infrastructure inevitably run into.

Expanding SASE to midmarket businesses

Because of the costs and management complexities, SASE often finds its audience in large enterprises that have the budget and specialized networking and security teams to address their broad set of requirements. The midmarket businesses, with a simpler set of feature requirements, demand for a single-vendor SASE solution that is easy-to-deploy and can be administered by their smaller IT/security team.

- Netskope expands its family of single-vendor SASE offerings with an enterprise-grade, easy-to-use and cost-effective SASE solution optimized for midmarket companies. The allows Netskope to deliver the same reliable performance and advanced security capabilities, generally found in Advanced SASE offerings, in an easy-to-manage, midmarket-ready package that focuses on:

- Ease of management: Streamlined management made possible by a unified platform and console, offering an integrated view on networking and security, while also automating network operations through AI-driven processes and zero-touch provisioning for branch and remote user deployment and administration.

- Enterprise grade security: Protecting users, devices and data wherever they go with an extensive breadth of cloud-delivered and on-premise security services that automatically work for you.

- Exceptional user experience: Delivering unparalleled service coverage, performance and resilience with the industry's fastest and most reliable private security cloud infrastructure, providing optimal user experience to any application and cloud from any location.

- To reduce the management overhead and save on operational costs, many organizations prefer to outsource their SASE deployments to managed service providers (MSP). A managed SASE solution should be well integrated, scalable and offer seamless experience to users connecting from any location.

With MSP-focused functionalities such as multi-tenancy, ease of integration and management, Netskope empowers our network of global partners and service providers to deliver the solution as a managed service, and offer phenomenal user experience by leveraging the industry's most optimized, purpose-built private cloud infrastructure. With Netskope, the MSPs can accelerate and scale the SASE deployments in the most cost effective manner and modernize the networks of their customers, without compromising on security and network performance.

BENEFITS	DESCRIPTION
Risk reduction	Netskope customers report that they have observed an 80% reduction in the risk of a severe breach caused by an external attack using the Netskope One platform and its ability to protect data and stop threats.
Increased agility	Customers using Netskope One have reported a 50% reduction in the time taken for remote users to connect to services due to a remarkably better user experience, faster application performance, and increased overall satisfaction with IT.
Reduced cost and complexity	By eliminating ineffective legacy tools and taking advantage of SASE convergence in the Netskope platform, customers report they have seen a return on investment of 104% over three years.
Reduced time-to-value	A fully integrated platform delivering a complete range of SASE capabilities, coupled with a unified, easy-to-use interface and AI-driven Ops reduces the time to value for customers and time to market for the managed service providers.

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Interested in learning more? **Request a demo**