

Enabling Hybrid Work with Netskope

Unleash the full potential of Hybrid Work with Netskope. Boost enterprise agility with safe, fast, reliable, ubiquitous access while mitigating security risk with zero trust-powered data and threat protection and reducing cost and complexity through a converged, cloud-native network security platform.

Quick Glance

- Empower employees by enabling them to perform their jobs optimally from any location or device.
- Eliminate performance inefficiencies of traditional network security solutions.
- Enforce zero trust security as enterprise applications, data, and users move beyond the network perimeter.
- Reduce the cost and complexity of managing multiple point solutions through a unified, cloud-native security platform.

“Netskope provides a globally available security cloud for securing and managing remote workers’ access to websites and cloud applications, while seamlessly and securely connecting remote workers to private applications using Zero Trust Network Access.”

Information Security VP/Executive,
Medium Enterprise Wholesale
Distribution Company

The Challenge

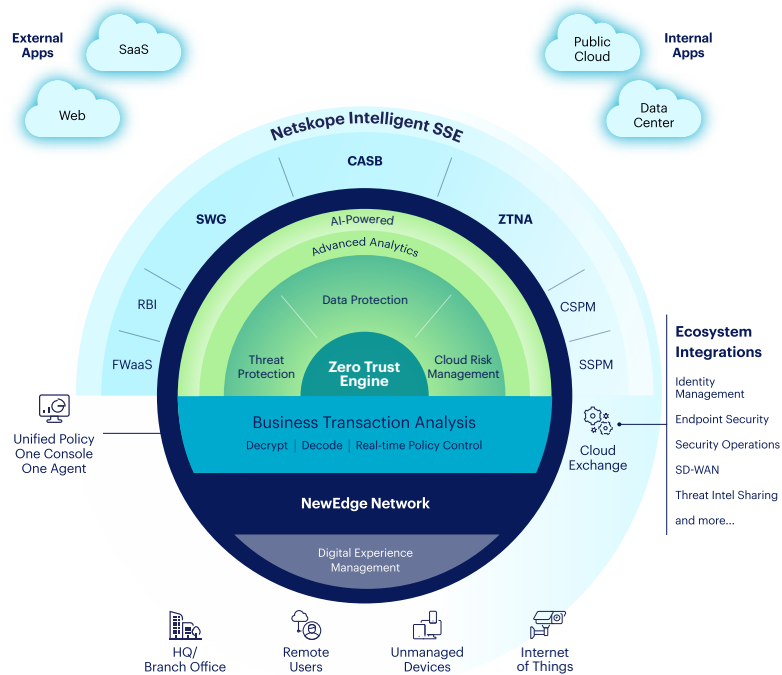
As the world returns to normalcy in the post-pandemic era, the concept of hybrid work is rapidly becoming a cultural norm. Enabling hybrid work requires fundamental changes across network and security infrastructures for ubiquitous and secure access to data and applications from any location and device. However, organizations have struggled to pace their digital transformation journey with the hybrid work requirements, leading to the following challenges:

- Sub-optimal experience and productivity as remote user traffic gets hair pinned through legacy VPN and MPLS connections.
- Risk of data loss as threats due to lack of visibility and control over direct-to-net connections.
- Deployment complexity as multiple point solutions are patched together to secure distributed corporate resources

Unfortunately, because of the above limitations, supporting hybrid work in the current paradigm is not tenable.

The Solution

Netskope’s Secure Access Service Edge (SASE) architecture empowers the hybrid workforce by converging the Intelligent Security Service Edge (SSE) solution with leading SD-WAN solutions, enabling fast, easy, and secure access to enterprise resources from any remote location. The convergence of network and security solutions reduces deployment complexity and enables fast and secure access to corporate resources with unrivaled visibility across cloud, web and private apps, ensuring better TCO and securing your transactions wherever your people and data go.



Empower the hybrid workforce with an elevated user experience

Network teams are unable to deliver the fastest, most reliable user experience to users looking to access the web or cloud because of their continued dependence on legacy network architectures. To secure remote workers, enterprises hairpin all the remote user traffic back to headquarters through slow and outdated MPLS and VPN connections, increasing the network latency, degrading the user experience, and inhibiting real-time collaboration.

Netskope allows organizations to accelerate network performance and improve the user experience as their employees connect to work from any location or device. This is achieved through a unique combination of cloud-based, low-latency, single-pass architecture that is faster and more robust than the competition. In addition, Netskope Intelligent SSE embraces ZTNA and SD-WAN integration to maximize efficiency and empower direct-to-cloud access. Key capabilities include:

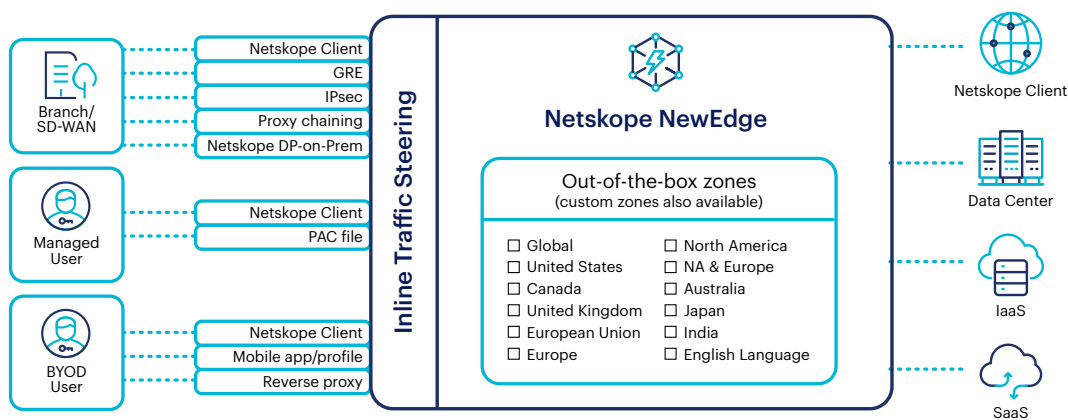
- Ubiquitous cloud-native architecture with points of presence (POPs) around the world, eliminating the need to send all traffic back to a central network.

- Real-time security delivered at the edge with Netskope NewEdge—the world’s largest and highest-performing security private cloud.
- Unified cloud security solution enables a “single-pass architecture” to perform all security inspections in one place.
- Granular end-to-end visibility of user activity with Digital Experience Management, making it easier to troubleshoot and optimize the user experience.
- Easy and extensive steering of branch offices, managed devices, and unmanaged devices to its security fabric.

Mitigate security risks

Data is increasingly at risk as it moves outside the enterprise perimeter and beyond the control of traditional security controls. Employees connecting direct-to-net and bypassing enterprise security controls have limited the security team’s visibility into data, threats, and user behavior. One simply can’t secure what one can’t see.

Netskope extends unmatched security visibility and control to web, cloud apps, and private apps. The cloud app visibility and robust ML-powered data protection



Extensive steering of branch offices, managed devices, and unmanaged devices to Netskope’s security fabric.

capabilities offered through Netskope’s Zero Trust Engine enable organizations to mitigate security risks even as enterprise applications, data, and users move beyond the network perimeter. Key capabilities include:

- Deep visibility and granular context into the users, devices, and applications through patented Cloud XD technology.
- Unified data protection across web, SaaS, IaaS, email, private apps, and devices to eliminate coverage gaps.
- Integrated state-of-the-art threat protection technologies, including sandboxing and remote browser isolation, that detect and prevent even the most advanced attacks.
- Advanced behavioral analytics that uses AI and ML to spot and correlate anomalies that “slip through the cracks” of conventional security tools.
- Discovering managed and unmanaged IP-connected IoT devices on the network through Netskope IoT Security solution.
- Granular access to private applications and resources through Netskope Private Access.
- Enabling unmanaged devices to access corporate resources using reverse proxy capabilities.

Decrease cost and complexity

Maintaining an advanced security posture is becoming increasingly complex and costly. An average organization manages 76 different security tools, and the number keeps increasing every time a new threat or IT change emerges. On top of that, redirecting all the branch and remote user traffic to centralized data centres through expensive MPLS and VPN connections increases the overall cost of network infrastructure deployment.

Netskope reduces costs and complexity for security teams by consolidating the most vital security technologies onto a unified, cloud-native Intelligent SSE platform and enables network teams to safely transform their networks to improve performance while reducing capital and operational expenditure. Key capabilities include:

- The convergence of SWG, CASB, DLP, ZTNA, and FWaaS technologies into a unified cloud security platform to dramatically simplify the purchasing and installation process.
- Unified policy management to greatly simplify the administrative process and ensure consistent policy enforcement across web, cloud, and private apps.
- Replacing expensive and slow MPLS and VPN technologies with SD-WAN and ZTNA, which enable direct connectivity and are more suitable for cloud-first deployments.

BENEFITS	DESCRIPTION
Granular visibility and control	Understand and control user access to websites, cloud, and private applications from any location and device. Continuously evaluate the risk posed by users, apps, and devices to adjust access levels and prevent over-entitlement of services.
Real-time collaboration	Netskope NewEdge, with strategically positioned data centers, is designed to deliver high throughput and low-latency access to web, cloud, and SaaS apps from anywhere, enabling an unparalleled user experience.
Zero trust security	Remove implicit trust and enable context-based least privileged access to the resources that users or groups of users require, while concealing all other resources.
Unified security controls	Netskope Intelligent SSE consolidates point solutions in a single cloud-native platform to defend against advanced cloud-enabled threats and safeguards data across all control points. Secure your transactions wherever your people go with unified policy enforcement and incident management.
Simplified and fast deployments	Netskope partners with SD-WAN leaders to deliver best-of-breed networking and security capabilities from a unified Secure Access Service Edge (SASE) architecture, enabling organizations to deploy efficient and agile network infrastructures, without any performance trade-offs.
Seamless remote access	Enable direct, seamless, and secure zero trust access to applications in public cloud environments or data centers without hairpinning connections through corporate infrastructure, ensuring fast, ubiquitous, and always-on connectivity.



Netskope, the SASE leader, safely and quickly connects users directly to the internet, any application, and their infrastructure from any device, on or off the network. With CASB, SWG, and ZTNA built natively in a single platform, Netskope is fast everywhere, data-centric, and cloud-smart, all while enabling good digital citizenship and providing a lower total-cost-of-ownership.