

Netskope for the Healthcare Enterprise

Solution Brief



Netskope helps healthcare organizations protect PHI data and patient privacy, support regulatory compliance, safely adopt new digital technologies, and ensure operational resiliency and effectiveness. With Netskope, healthcare organizations can improve patient outcomes and support clinician collaboration with a modernized and secure user experience.

Why has securing digital transformation become a prerogative for Healthcare?

- Innovative new digital technologies have the ability to transform healthcare operations and improve patient outcomes.
- The healthcare digital transformation brings new technologies that will add efficiency, improve patient care, and provide the security, data privacy, and patient safety for more rapid adoption.
- As an example, wearable and remote digital medical devices allow patients to seamlessly and quickly share health-related critical data with the doctors for faster diagnosis and treatment.

The Challenge

Healthcare faces multiple challenges in maintaining data security and privacy while adopting cloud and web services to support digital transformation initiatives and provide resilient, uninterrupted service to their customers. This includes:

- Increasing visibility into networks, medical devices, and user activity.
- Securing access and collaboration for clinicians and third parties is critical without hindering patient care.
- Securing management and encryption of PHI data sets, while meeting compliance and governance requirements under HIPAA and HITECH.
- Mitigating cyber threats that exploit the growing attack surface presented by IoT and IoMT devices.
- Eliminating network bottlenecks due to legacy MPLS and VPN deployments which are hindering user experience.
- Consolidating a growing set of disparate and poorly integrated digital technologies. The healthcare industry has operations that demand a hybrid work setup and furthermore, has too many security components that are disconnected, cumbersome to use, and expensive to manage.

“Netskope provides excellent visibility into our network security posture and user behavior, allowing us to adapt to future threats. Netskope is also already helping us with recent mergers.”

Senior Manager, Large Enterprise Biotechnology Company

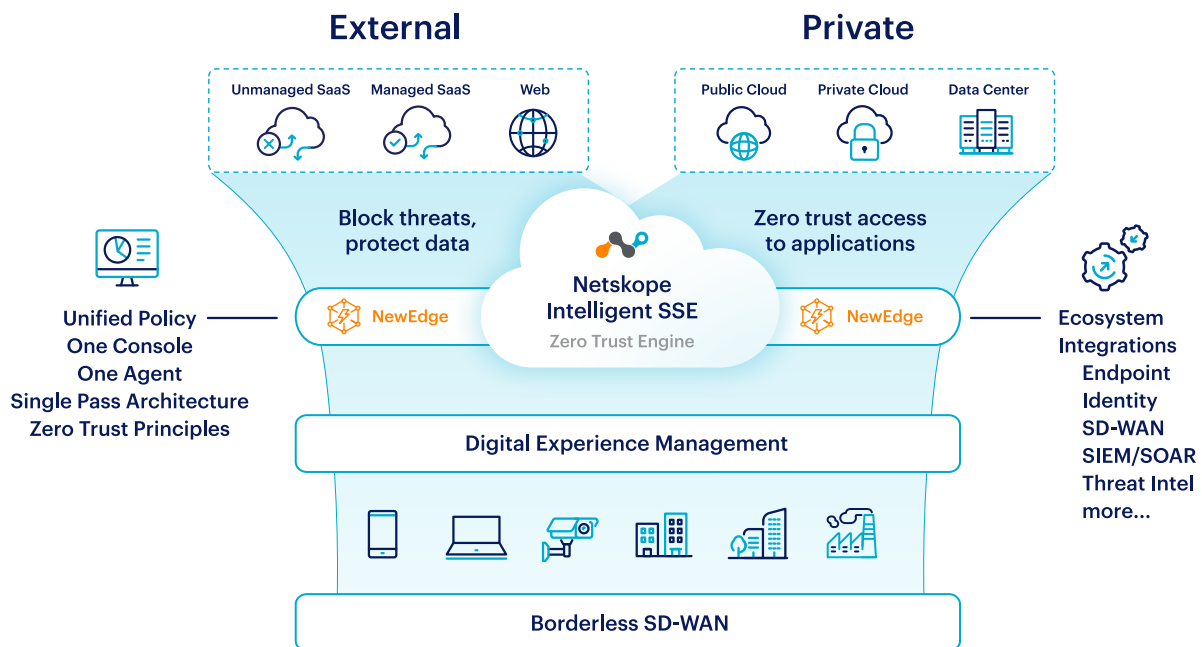
Netskope for a Resilient and Modern Healthcare Enterprise

Netskope provides healthcare organizations optimized access and zero trust security helping them reduce risk, accelerate performance, and get unrivaled visibility into any cloud, web, and private application activity. Netskope’s cloud-native, data-centric approach to security and network performance helps thousands of customers address evolving threats, new risks, technology shifts, organizational and network changes, and new regulatory requirements.

Netskope’s converged and fully integrated platform makes it easy for healthcare industry personnel to optimize access and gain protection from all the vital networking and security needs in one place: SWG, CASB, ZTNA, DLP, Cloud Firewall and SD-WAN. This differentiation enables:

- Elimination of vendor and tool sprawl, reduction of complex integration points required for maintenance of legacy best of breed strategy.
- Efficient use of a consistent set of policies on a single management interface
- Increased efficiency brought by deploying and administering fully integrated technologies

Netskope’s platform helps healthcare organizations secure and support the digital technologies that can help streamline processes, reduce the cost of care delivery and have a modernized, connected, and secure user experience.



Deliver Advanced Threat Protection with contextual response measures across networks, devices, and user activity.

Netskope provides multi-layer threat protection capabilities to secure healthcare organizations with high-efficacy threat detection and blocking for advanced malware (such as ransomware) and phishing. Backed by real-time threat intelligence, machine learning models and risk insights from Netskope's Security Cloud platform, healthcare organizations can build contextual policies and response measures suited for personnel working on or off premise. The capabilities include:

- Providing event protection against new malware alongside anti-malware, web IPS, sandboxing, threat intel feeds, and automated IOC sharing in standard threat protection.
- Leveraging multiple prevention defense layers, including anti-malware, user and entity behavior analytics (UEBA) anomaly detection and remote browser isolation to isolate risky websites.
- Decoding cloud traffic to understand risk, and detect and block cloud phishing attacks, ransomware, and malware payloads.
- Understanding the account instance and activity for the cloud services to differentiate between personal, corporate or rogue accounts, plus activity can be related to device, location and other policy variables to mitigate risk and data exposure for thousands of apps and cloud services.
- Enhancing threat protection with targeted remote browser isolation (RBI) for risky websites, cloud firewall for all egress ports and protocols, and UEBA to detect device or account compromise, risky insiders, data exfiltration, plus user anomalies with User Confidence Index (UCI) risk scoring.
- Enabling SOC and XDR teams with Cloud Exchange modules to share threat intelligence, export logs, automate workflows, and exchange risk scores.

Netskope helps healthcare institutions securely and efficiently manage their expanding digital infrastructure, reducing the risk of data breaches while providing clinicians with the digital tools to help improve patient outcomes.

Enable personnel to securely access sensitive data and securely collaborate while complying with healthcare regulations.

Netskope offers the industry's most comprehensive and most advanced cloud data loss prevention (DLP) solution that secures sensitive data across clouds, networks, email services, endpoints and users consistently everywhere. The capabilities include:

- Discovering, monitoring, and protecting sensitive data across all the control points - networks, clouds, endpoints, emails and users, while ensuring unified data protection policies for every location where data is stored, used or transferred.
- Delivering accurate and reliable detection and classification of all sensitive data in any form with the lowest degree of error possible, in order to minimize false positives and violation triage fatigue.
- Including over 3,000+ predefined data identifiers and personal identifiers to support several use cases and compliance requirements such as HIPAA, HITECH and others.
- Securing managed cloud services like Microsoft 365, G Suite, AWS, and many more, while safely enabling unmanaged, business-led cloud services without the need for blocking. With patented Netskope Cloud XD™, get deeper understanding to quickly target and control activities across thousands of cloud (SaaS and IaaS) services and millions of websites.
- Enabling identity and context-driven zero trust access to specific private applications for remote users through Netskope Private Access (NPA), while shielding the rest of the applications from discovery and attacks.
- Monitoring oversharing of sensitive data in the cloud, preventing insider threats exposing sensitive data accidentally or negligently, and blocking data exfiltration to personal accounts to protect highly confidential documents at all costs.
- Alerting and coaching users on data loss risks, including the context of app risk and user risk, when performing activities with the option to proceed or cancel for managed and unmanaged apps, and websites so business processes can continue.

| BENEFITS | DESCRIPTION |
|--|--|
| Safely Embrace the Digital Transformation | Netskope allows healthcare organizations to confidently engage in digital transformation projects that deliver maximum value to the organization, without incurring excessive security risk. |
| Safely Access PHI Data from Anywhere | Netskope helps healthcare organizations better safeguard PHI data against cyber threats, avoid the cost of data breaches, and the traumatic damage to reputation and brand. Provide clinicians the right type of access they need, when they need it, using SASE technologies to contextually manage your policies and governance. |
| Reduce Risk Exposure | Netskope offers zero trust protection that mitigates security risk even as enterprise applications, data, and users move beyond the network perimeter. |
| Mitigate Cybersecurity Threats | Netskope threat protection capabilities provide high-efficacy threat detection and blocking for advanced malware (such as ransomware) and phishing, securing healthcare organizations from targeted cyber attacks. |
| Manage Regulatory Compliance | Netskope facilitates regulatory compliance across HIPAA, HITECH, and other crucial healthcare cybersecurity and data privacy regulations. Its best-in-class capabilities enable the efficient monitoring and enforcement of a single set of compliance policies and security controls across the cloud and on-premises from a unified console. |
| Optimize Performance | Netskope Borderless SD-WAN & NewEdge offer fast, secure, and high-quality networking for healthcare organizations, facilitated by Netskope Client, which streamlines traffic to the Netskope Security Cloud, allowing for the rapid utilization of Netskope Intelligent SSE. |
| Reduce Costs and Complexity | Netskope consolidates the most vital security technologies onto a unified, cloud-native platform that dramatically reduces the costs and complexity typically incurred by extending security beyond the enterprise perimeter and into the cloud. |
| Modernize User Experience | Netskope helps healthcare organizations securely manage the diverse mix of on-premise legacy and modern cloud apps. With Netskope healthcare organizations can deliver a seamless and consistent user experience with secure and reliable connectivity. |
| Audit and Report | Netskope allows you to create a granular, contextual audit trail of all your cloud activities to facilitate governance and reporting for regulatory requirements, such as HIPAA and HITECH. Create regular reports for auditors, provide details about users, activities, and data, with drill down capabilities for further investigation. |



Netskope, a global SASE leader, is redefining cloud, data, and network security to help organizations apply zero trust principles to protect data. Fast and easy to use, the Netskope platform provides optimized access and real-time security for people, devices, and data anywhere they go. Learn how Netskope helps customers be ready for anything on their SASE journey, visit [netskope.com](https://www.netskope.com).