

Data Security on Mobile Devices with Netskope One Client for Mobile

Netskope One Client for Mobile extends the Netskope One platform to mobile devices and harmonizes security controls between desktop and mobile environments. With the Netskope mobile client, customers can access a range of Netskope One services, including Cloud Access Security Broker (CASB), Data Loss Prevention (DLP), Secure Web Gateway (SWG), Netskope Private Access (NPA), and Netskope Cloud Firewall (CFW), available for both iOS and Android platforms.

Quick Glance

- Unified client offering Cloud Access Security Broker (CASB), Data Loss Prevention (DLP), Secure Web Gateway (SWG), Zero Trust Network Access (ZTNA), and Firewall as a Service (FWaaS) capabilities for securing mobile workspace.
- Compatibility with various Mobile Device Management (MDM) solutions such as Intune, VMware Workspace One, Jamf, Ivanti Neurons facilitates a true Zero-touch deployment, ensuring a user-friendly experience.
- Consolidate and secure remote access with Netskope One Private Access instead of standalone VPN or MDM attached remote access solutions.
- Extend data protection to support BYOD (Bring Your Own Device) use cases.

“Netskope’s swift and comprehensive mobile client solution empowered a French public sector organization to securely deploy iPads for 60,000 students while complying with stringent content regulations and ensuring robust protection and data security.”

Systems Engineer

French Public Sector Organization

The Challenge

Mobile devices, tablets, and BYOD arrangements have emerged as the fundamental support for the rapidly evolving hybrid work model, ensuring swift, secure, and dependable access to applications across countless devices worldwide. Although they have empowered users to access apps from anywhere and enhance productivity, they also bring forth certain security challenges related to:

- **Data Privacy:** BYOD often blurs the line between personal and corporate data. Ensuring the privacy of personal data while managing corporate data on the same device can be challenging.
- **Secure Network Access:** Enabling company network access from diverse mobile devices increases the risk of unauthorized access and breaches.
- **Policy Enforcement:** Enforcing company policies on personal devices while respecting personal freedom can be a constant challenge.
- **User Coaching:** Effectively educating users about behaviors that may result in data breaches or unauthorized data sharing is an ongoing necessity.

The Solution

The Netskope One Client for Mobile expands data security to mobile devices in an innovative way. It integrates with various MDM solutions for seamless deployment on iOS and Android. This extends Netskope’s CASB and DLP security to mobile workspaces and allows monitoring of non-web traffic with Netskope Cloud FWaaS. It provides secure access to corporate apps through Netskope One Private Access, eliminating the need for standalone VPN clients. The client also examines data traffic, aiding in threat detection and mitigation, especially for unmanaged cloud services, sync clients, mobile apps, and TLS-encrypted websites.

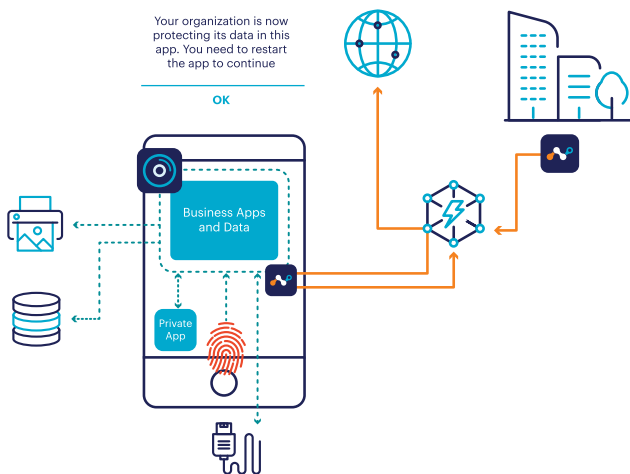
Data Loss Prevention

Tracking and safeguarding sensitive data as it circulates beyond the conventional corporate boundaries becomes increasingly challenging, making it susceptible to both deliberate and accidental exposure. The mobile workspace exacerbates this issue further.

The Netskope One Client for Mobile consistently identifies, oversees, and safeguards sensitive data whether it's in transit, at rest, or in use, spanning SaaS applications, IaaS, corporate networks, branch offices, and email services accessed via users' mobile devices. It delivers unified data protection policies for all data locations, and these policies are managed from a centralized cloud service.

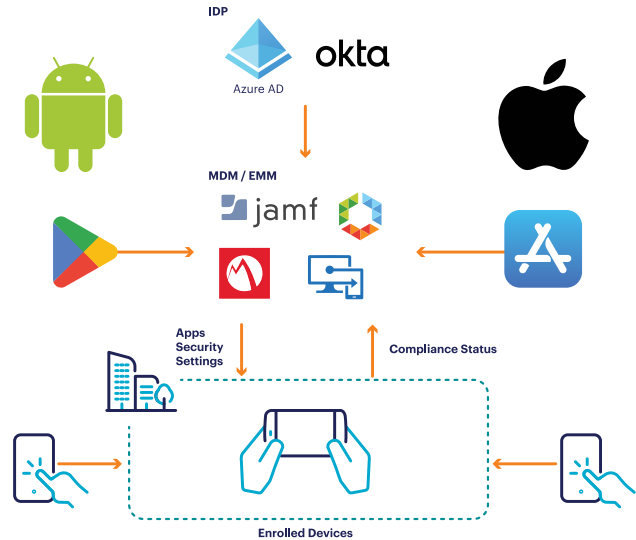
Organizations employing BYOD arrangements can find solace in the Netskope One Client, as it effectively addresses their foremost concern of data protection.

The Netskope One Client consistently secures sensitive data in transit, at rest, and in use across various platforms and devices, delivering unified data protection policies managed from a centralized cloud service.



Zero Touch Deployment

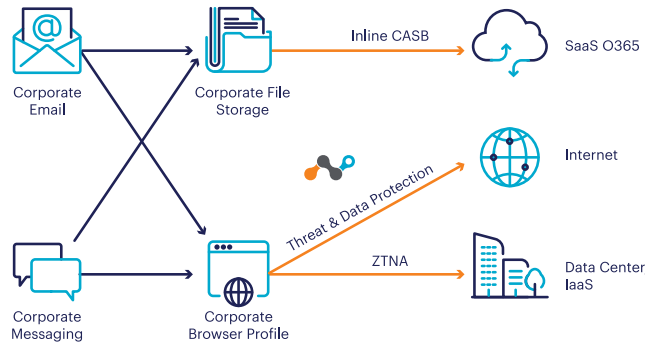
Thanks to the integration with diverse MDM solutions, the Netskope One Client for Mobile can be effortlessly installed on mobile devices with zero user involvement. MDM aids in achieving operational efficiency through consistent and repeatable deployments, swift and straightforward onboarding, segregation of personal and corporate apps and data.



Corporate-owned iOS and Android devices are subject to MDM enrollment after their initial activation. This allows MDM administrators to deploy necessary applications, configurations, and policies, including the Netskope One Client. Consequently, the Netskope service governs external connections for corporate devices during their entire operational lifecycle. Corporate devices are configured with stringent lockdown settings, preventing users from disabling Netskope controls or removing the client.

Netskope One Client for Mobile, through MDM integration, automates device installation, secures corporate devices' external connections, and ensures privacy for BYOD users

For BYOD devices, the enrollment process is essential to gain access to corporate applications, privileges, and connectivity through the Netskope service. The Netskope One client is deployed in Per-App VPN mode for iOS devices or as a VPN for designated Work profiles on Android. This method ensures that only business-related traffic is monitored, preserving the user's privacy.



Secure Access to internet and private applications

The Netskope One Client effectively counters the constantly evolving cyber threats encountered by mobile users by harnessing the power of Netskope One. Industries such as healthcare and Higher Ed, which heavily rely on extensive mobile device usage, greatly benefit from the diverse capabilities provided by the Next-Generation Secure Web Gateway.

Higher education institutions, renowned for their open learning environments, face considerable cloud security challenges. An array of tools for productivity, research, management, and e-learning have migrated to cloud-based applications, with easy accessibility via mobile devices. These institutions frequently struggle to ensure the safe internet browsing of students and protect them from sophisticated malware threats.

The Next-Generation Secure Web Gateway offers a

comprehensive suite of capabilities, spanning malware prevention, advanced threat detection, categorically filtered website access, data protection, and control over applications and cloud services. These features safeguard data for users, regardless of their location or the device they use.

Similarly in the healthcare sector the Netskope mobile client enables organizations to embark on digital transformation initiatives with confidence, ensuring they maximize organizational value while minimizing security risks.

The Netskope One Client for Mobile, powered by Netskope One, safeguards data for education and healthcare sectors amid evolving threats, ensuring organizational value without security compromises.

BENEFITS	DESCRIPTION
Zero touch Deployment	Netskope One Client for Mobile integration with various MDM solutions enable a seamless deployment.
Unified Client for CASB, DLP, SWG, FWaaS	Netskope offers a single mobile client for diverse security services
Secure Network Access with Netskope One Private Access	Netskope helps organizations to securely access business applications without accessing the entire network.
Holistic data protection	Netskope offers solutions for safeguarding the complete data perimeter.



Interested in learning more?

Request a demo

Netskope, a global SASE leader, uses zero trust principles and AI/ML innovations to protect data and defend against cyber threats, optimizing both security and performance without compromise. Thousands of customers trust the Netskope One platform and its powerful NewEdge network to reduce risk and gain unrivaled visibility into any cloud, web, and private application activity. Learn more at netskope.com.

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