

The Netskope Active Platform

Enabling Safe Migration to the Cloud

Netskope™ is the leader in safe cloud enablement. With Netskope, IT can protect data and ensure compliance across cloud apps so businesses can move fast, with confidence.

Massive Cloud Adoption

Your organization is adopting cloud apps, and for good reason. They help users get their jobs done more quickly, easily, and flexibly than traditional software. While you're responsible for some apps, your users are now more than ever procuring and using these apps without your permission or involvement. This means you can't consistently manage and secure all of the cloud apps running in your organization.

Whether shadow or sanctioned, cloud app usage is growing and C-suites, boards of directors, and audit committees around the world are beginning to ask whether the cloud technologies in their environments are safe, compliant with business policies, perform according to vendor service-level agreements, are cost-effective, and are optimized for business usage. Answering these questions is now an imperative. You need to monitor and enforce your security policies consistently across all of the cloud apps in your environment, whether you sanction them or not. You need to report on their compliance. And you need to do these things while enabling your users to move fast with the cloud. With the Netskope Active Platform, you can do both.

The Netskope Active Platform

Netskope™ is the leader in safe cloud enablement. The Netskope Active Platform™ gives IT the ability to find, understand, and secure cloud apps. Only Netskope empowers organizations to direct usage, protect sensitive data, and ensure compliance in real-time, on any device, for any cloud app so the business can move fast, with confidence.

There are three primary phases of safe cloud enablement that Netskope provides: find, understand, and secure.

Find

Netskope enables you to find all of the enterprise cloud apps that are running in your enterprise and understand your risk. We maintain scores on thousands of apps in the Netskope Cloud Confidence Index™, which draws on objective security, auditability, and business continuity criteria adapted from the Cloud Security Alliance. Those apps' scores are combined with your organization's specific usage to determine each app's risk and your overall cloud risk.

Understand

Beyond finding cloud apps, the Netskope Active Platform gives you rich activity- and data-level usage details. With Netskope, you can answer questions such as “Who’s sharing sensitive content outside of the company, and with whom?,” “Do we have any PCI residing in our cloud apps?,” and “Are any of my non-U.S. users downloading PII from HR apps?” In addition to answering specific questions, you can take advantage of our advanced anomaly detection to understand granular anomalies such as whether a user is excessively downloading and sharing, or logging in from multiple locations, which could indicate compromised credentials. These usage anomalies can indicate security threats, out-of-compliance behaviors, and even the presence of malware.

Specifically, Netskope lets you drill down into:

- › Apps, app instances, services, and sessions
- › Users, roles, and enterprise directory groups
- › Specific app activities, e.g., share or download
- › Devices and browsers, e.g., IE, Firefox, and Chrome
- › Time periods
- › Geo-locations
- › Content type, file type, file or object name, and DLP profile
- › Where and with whom content is shared

Secure

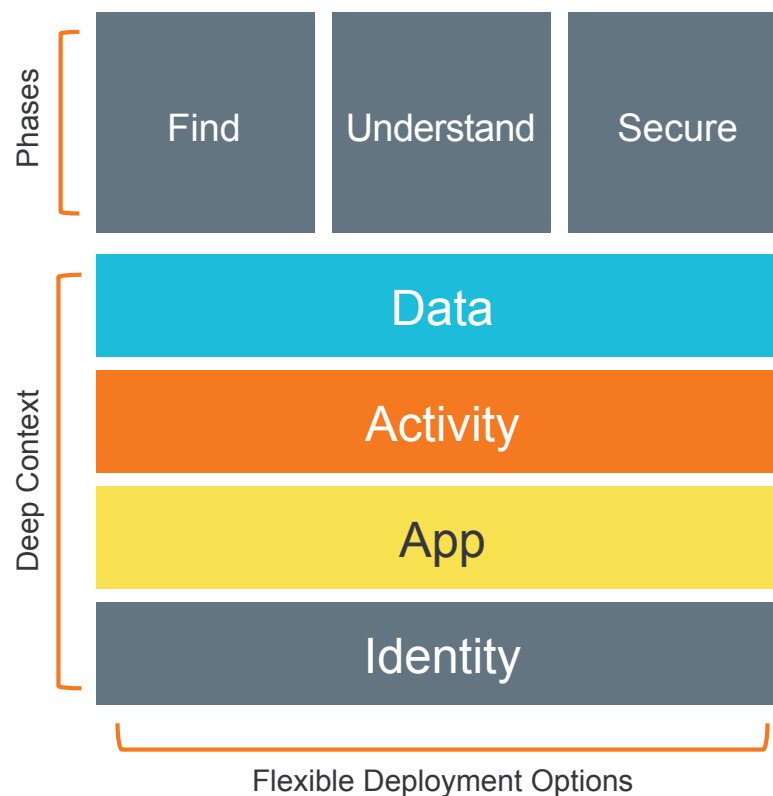
After you understand which apps you have and what people are doing in those apps, you can enforce granular policies to protect data and comply with regulations. You can enforce those policies in context, specifying policies like “Encrypt all content matching my ‘confidential’ DLP profile in cloud apps,” “Block the download of any .exe file from a cloud storage app,” or “Alert on the download of PII from any HR app to a mobile device.” This helps you narrow the policy aperture to a particular activity or a particular type of content you’re trying to protect. It also helps you minimize false positives and be precise in your control. Beyond simply enforcing policies, Netskope lets you coach users to a desired behavior with automated messages in the product. For example, you can say “You are uploading a sensitive document to Zippyshare. We have a corporate account with Box. Here is the URL to sign up,” or even redirect the user to the correct app.

Specifically, Netskope lets you enforce policies involving the following activities:

- › AppID
- › Create
- › Delete/delete all
- › Download/download all
- › Edit
- › Export
- › Login failed
- › Login successful
- › Logout
- › Markup
- › Upload/print all
- › Route (in procurement)
- › Share
- › Sync/restore
- › Upload/import
- › View/view all
- › Admin activities

The Power of the Platform

The above services are made more valuable by the Netskope Active Platform, which offers deep context. It starts with identity, which includes user, AD group, device, browser, location, and other contextual factors. Then it layers on the app, whether at the app, app instance, or category level. Then it takes activity into consideration: Is the user sharing content outside of the company? Downloading PII? Uploading ePHI? Finally, it pulls in the data: What is the content? A record? A link? A file? If so, what kind of file? What is the name of this file? Does it trigger your DLP profile for PII? Anytime you perform a query or enforce a real-time policy, you can be very precise and granular with that contextual information in order to really understand your risk in its entirety and enforce policies that address the real risk, while still allowing the app.



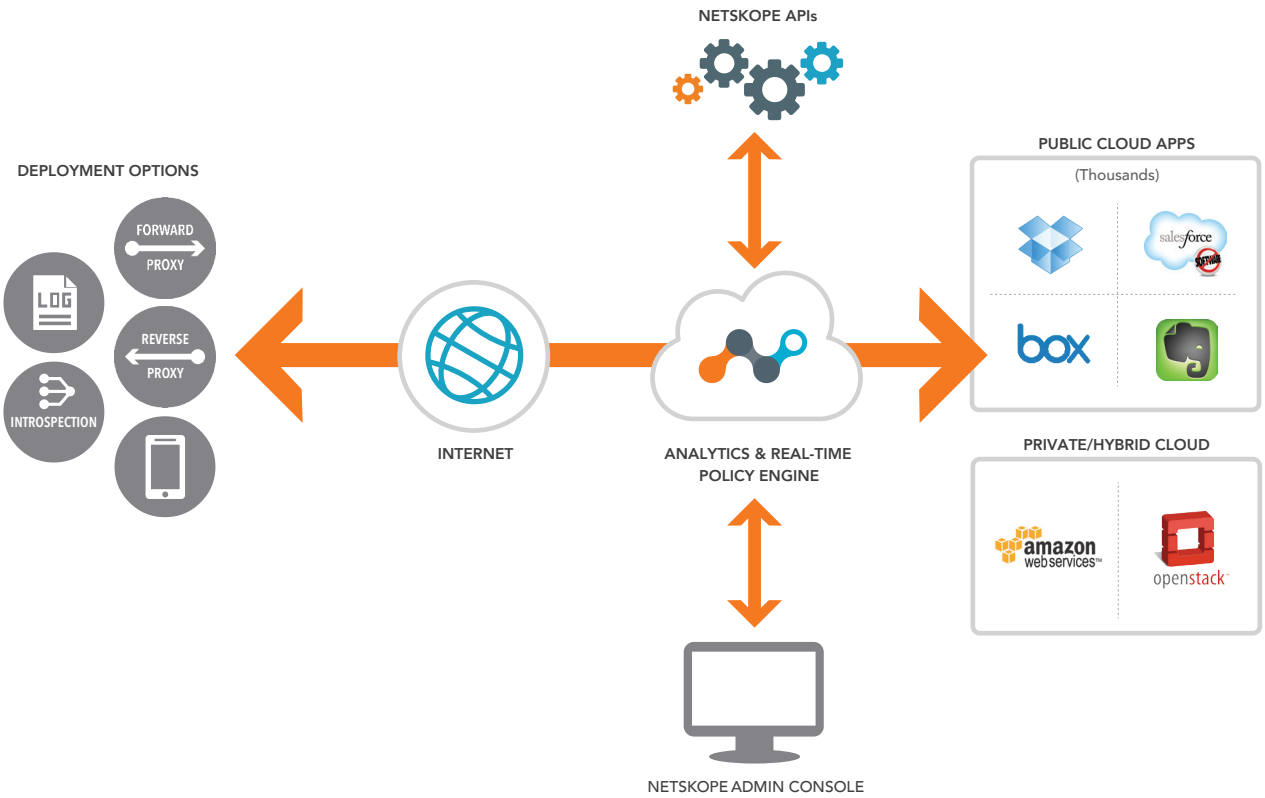
The Most Flexible Deployment Options in the Market

The Netskope Active Platform has the broadest and most flexible deployment options in the market, including thin agent, forward proxy, reverse proxy, log-based analysis, and app introspection.

Secure, Highly-Available Cloud

The data analysis and policy enforcement components of the Netskope Active Platform are located in geographically-distributed Equinix data centers around the world. Data centers have redundant, multi-Gbps Internet links that peer directly with all major carriers. The infrastructure is SSAE-16 certified and carries ISO and LEED certifications for safety and green data center standards. Netskope has certified its software deployment as SOC-1 Type I and II, and SOC-2 Type I and II through independent, third-party auditors.

The Netskope Active Platform Architecture



Netskope Discovery, Active Platform, Active DLP, and Active Encryption

Netskope offers Netskope Discovery, an offline, log-based discovery, as well as the Netskope Active Platform and Netskope for Featured Apps that provide safe cloud enablement for a variety of specific cloud applications such as Box, Dropbox, Egnyte, Google Apps, Office 365, and Salesforce. Netskope Cloud DLP and Netskope Encryption can be added to round out configurations. See table, below, for specific functionality of each.

CAPABILITY	NETSKOPE DISCOVERY	NETSKOPE ACTIVE PLATFORM	NETSKOPE FOR FEATURED APPS
	FIND		
Discover all cloud apps	•	•	•
Cloud Confidence Index	•	•	•
Baseline visibility of cloud app activities	•	•	•
Deep visibility of cloud app activities	Requires TAP interface or Active Deployment	•	Requires TAP interface or Active Deployment
Discovery of stored data		Requires App Introspection	•
	UNDERSTAND		
Risk Dashboard	•	•	•
Anomaly detection	•	•	•
Custom reports	•	•	•
Custom reports with AD integration	•	•	•
Alert watchlists	•	•	•
	SECURE		
Real-time, granular control of all cloud apps		•	•
Control stored data in sanctioned apps		•	•
Cloud DLP		Requires Netskope Cloud DLP	Requires Netskope Cloud DLP
Leverage on-premises DLP		•	•
Strong Encryption		Requires Netskope Encryption	Requires Netskope Encryption
Leverage on-premises HSM		•	•
Geo-location-based policy enforcement		•	•
Device-level access control		•	•
User coaching		•	•
Data quarantine		•	•
Legal hold		•	•
Ensure privacy with role-based access control, data obfuscation, and filtering of certain kinds of traffic (e.g., app activity using personal credentials)		•	•
Integrate with AD to manage and secure apps and data within the context of users and groups		•	•

FLEXIBLE DEPLOYMENT OPTIONS

- › On-prem log parser
- › TAP interface
- › Agentless forwarder
- › On-prem appliance (all data is maintained on customer premises)
- › Reverse proxy
- › Thin agent
- › Mobile profile

About Netskope

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Netskope serves a broad customer base including leading healthcare, financial services, high technology, and retail enterprises, and has been named to CIO Magazine's top 10 cloud security startups and a Gartner Cool Vendor.