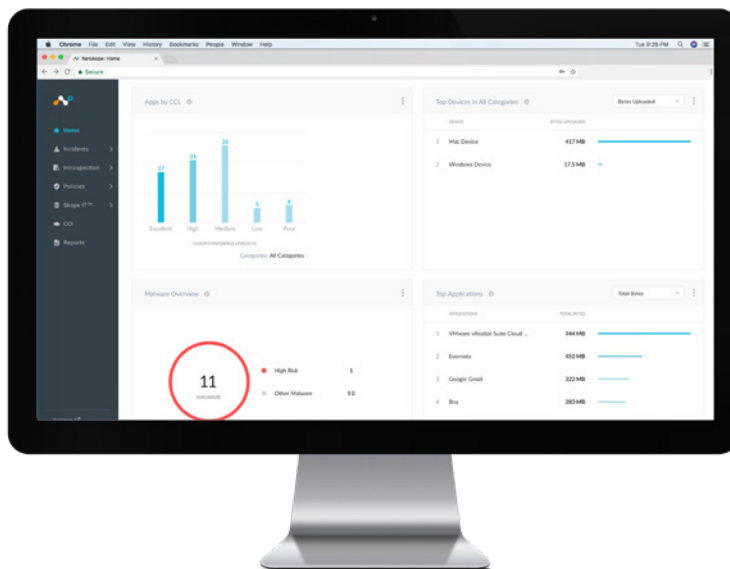


Netskope Encryption

QUICK GLANCE

- Powerful, additional layer of protection for sensitive data in the cloud
- Protects both structured and unstructured data in cloud services
- Safeguards data at rest in sanctioned cloud services like Office 365 and Salesforce
- Real-time protection of data in transit to cloud services
- Key management options to maintain customer control of encryption keys



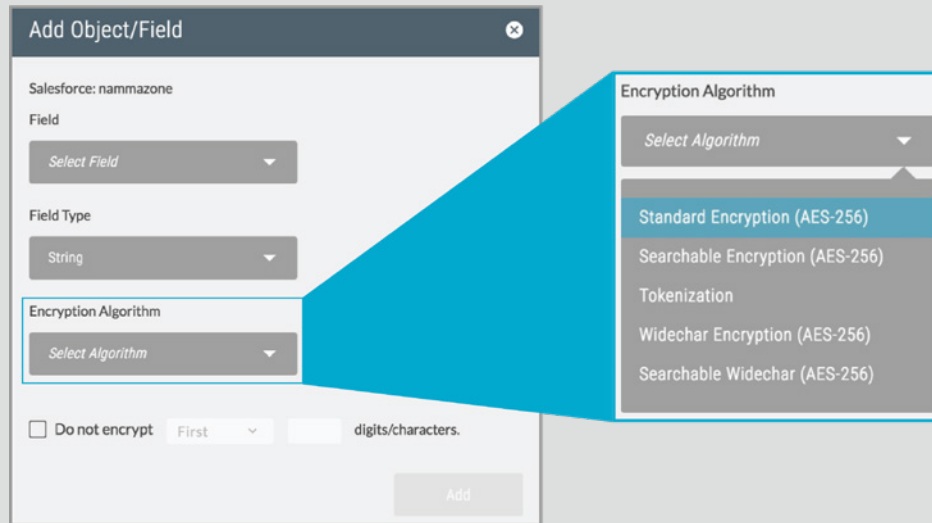
Organizations are rapidly adopting the cloud for collaboration and sharing, but data stored in cloud services without adequate protection can be inadvertently or maliciously exposed. Netskope Encryption provides powerful, added protection for data in the cloud.

PRODUCT OVERVIEW

Even with inherent security capabilities integrated into many cloud services, your sensitive data can still be exposed in the cloud. Netskope Encryption provides a powerful, additional layer of protection to safeguard your sensitive data in the cloud and ensure its confidentiality and privacy. Netskope provides advanced encryption, tokenization and key management technology to protect both structured and unstructured data, and can also use advanced DLP to selectively encrypt your most sensitive content. Netskope Encryption operates automatically and is transparent to end users, seamlessly encrypting and decrypting data behind the scenes.

- Netskope uses advanced technology, including NIST-approved AES-256 encryption and a FIPS 140-2 level 3 certified key management service with a hardware security module
- Encrypts unstructured data with an AES-256 key that is unique to each file
- Protects structured data with native format-preserving encryption or formatted-field tokenization
- Leverages Netskope's advanced DLP policies to selectively apply encryption to safeguard your most sensitive content
- Integrates with on-premises, KMIP-compliant key management system to keep encryption keys under your control

Field Level Encryption and Tokenization



THE NETSKOPE DIFFERENCE

Eliminate blind spots

Netskope Cloud XD™ understands SaaS, IaaS, and web in extreme definition to eliminate blind spots

Guard data everywhere

360° data protection guards data everywhere through award-winning DLP and encryption

Stop elusive attacks

Advanced threat protection stops elusive attacks that traverse SaaS, IaaS, and web to inflict damage

Full control, one cloud

Full control of SaaS, IaaS, and web, from one cloud-native platform that scales automatically

TOP USE CASES

- Discover confidential information stored in sanctioned cloud services like Office 365 and Salesforce and automatically protect with strong encryption or tokenization
- Transparently encrypt or tokenize sensitive data as it moves into unsanctioned cloud storage services
- Encrypt sensitive content in cloud services while keeping encryption keys on premises to comply with regulations like GDPR and HIPAA
- Automatically encrypt data as part of Netskope's integrated quarantine and legal hold workflows

Netskope Features

FEATURES	DESCRIPTION
Advanced, highly secure encryption and key management technologies	<ul style="list-style-type: none"> Advanced Encryption Standard 256-bit (AES-256) keys ensure data confidentiality and integrity Highly secure, fault tolerant key management service (KMS) with hardware security module (HSM) that is FIPS 140-2 Level 3 certified Complies with Key Management Interoperability Protocol (KMIP) to integrate with existing key management services to allow organizations to retain control of their encryption keys
Encryption of structured and unstructured data	<ul style="list-style-type: none"> Encrypt structured data at rest or in real time in sanctioned services through Netskope-native format-preserving encryption Leverage pre-built integrations with cloud service provider bring your own key (BYOK) capabilities Encrypt unstructured data at rest in sanctioned services or in real-time activities using an AES-256 key that is unique to each file
Tokenization of structured data	<ul style="list-style-type: none"> Tokenize data in sanctioned services through Netskope-native formatted-field tokenization
Protection of data in transit to cloud services and also stored in sanctioned cloud services	<ul style="list-style-type: none"> Apply encryption inline, automatically encrypting and decrypting data as it moves in and out of cloud services Encryption can also be applied as a policy action with API protection, encrypting selected files stored in sanctioned cloud services like Office 365 and Box
Selective encryption using advanced DLP and deep cloud context	<ul style="list-style-type: none"> Netskope DLP is the most advanced in the industry with capabilities including 3,000+ data identifiers, support for 1,000+ file types, custom regular expressions, proximity analysis, international support using double-byte characters, fingerprinting, exact match and optical character recognition (OCR). Detailed contextual information such as user, group, device, location, and activity can be used to further tailor encryption policies
Automatic, transparent encryption service with full access control	<ul style="list-style-type: none"> Encryption and decryption happen automatically and transparently behind the scenes Access control policies can be applied to decrypt data based on criteria such as user, group, location, and device No change in end user behavior needed, nor any impact on end user experience



Netskope is the leader in cloud security. We help the world's largest organizations take advantage of cloud and web without sacrificing security. Our patented Cloud XD technology targets and controls activities across any cloud service or website and customers get 360-degree data and threat protection that works everywhere. We call this smart cloud security.