

# OpenText Protect

Protect sensitive data with tokenization to reduce the risk of data breaches and lower the cost of compliance



Reduces the number of systems in scope of compliance audits by **up to 98%**



Achieves average response times of fewer than **30 milliseconds** per tokenization request



Maintains the length and format of original data with **format-preserving tokenization** to ensure interoperability with existing systems

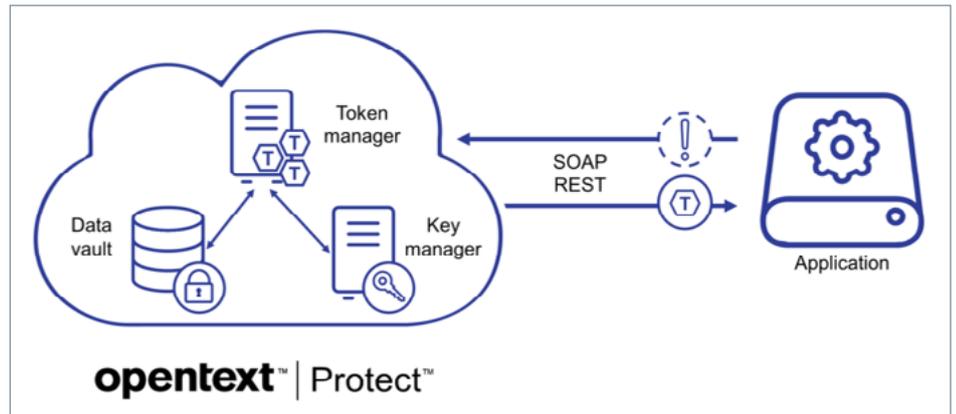
There is a fine balance between making data easily accessible across an organization and ensuring it is protected from unauthorized access. Finding this balance is especially critical when dealing with payment card or other types of sensitive data.

Used by companies worldwide, OpenText™ Protect™ manages the competing objectives of access and security by streamlining the day-to-day tasks of tokenization and exceeding industry best practices in encryption, tokenization and key management.

## Protect data tokenization features

<b>Vault-based tokenization</b>	Leverages a highly secure data vault for storing the token-value relationships, meaning that no mathematical connection exists between the two
<b>Format-preserving tokens</b>	Supports format-preserving tokenization, which maintains the length and format of the original data, enabling existing systems to process the tokens as if they were the original data values
<b>1:1 referential integrity of tokenized values</b>	Supports one-to-one referential integrity of field-level data, so that unique tokens can be created to represent the unique original data values, such as credit card, account or social security numbers, enabling the tokens to be used for analytics, identification and other purposes in place of the original sensitive data
<b>Portability of tokens</b>	Provides portability of the token-value pairs and enables importing tokens from other tokenization solutions, for example in case of mergers and acquisition, by using a vault-based approach to tokenization
<b>TTL (Time to Live) capabilities</b>	Includes TTL (Time to Live) capabilities that auto-delete encrypted data and tokens after a predetermined amount of time
<b>Key management</b>	Delivers centralized key lifecycle management for managing the encryption keys for the data vault
<b>Secure web UI</b>	Provides the option to leverage a secure web UI for revealing the original values behind tokens, enabling authorized users to perform tasks such as fraud prevention and investigation
<b>High performance</b>	Leverages best-of-breed NoSQL solutions for high-volume, high-speed handling of requests, achieving average response times of fewer than 30 milliseconds per request (not including network latency)
<b>Compliance</b>	Complies with multiple global industry and government data regulations (e.g. PCI DSS, HIPAA and SOC 2)

[Learn more](#)



OpenText Protect substitutes the sensitive data stored in applications with tokens. It encrypts the original data and stores the cipher text in a secure data vault. When applications require the clear-text value, they simply make another call to Protect.

### Reduce both risk and cost of compliance

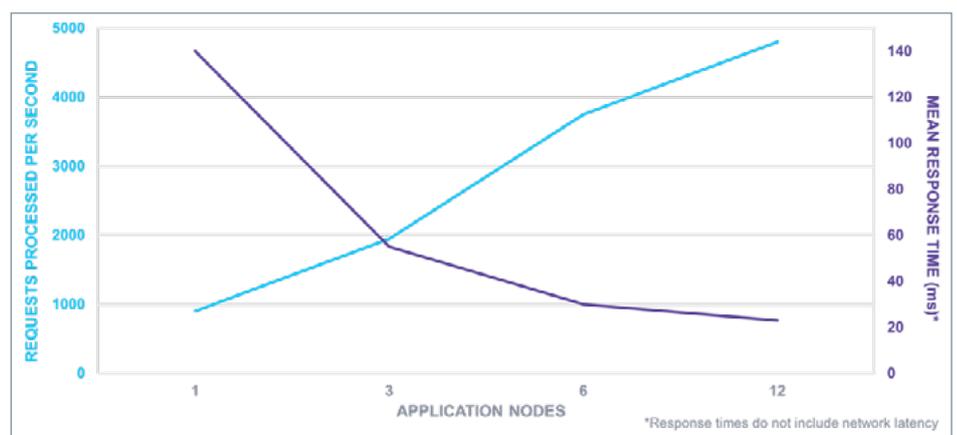
Protect allows companies to significantly reduce the footprint of sensitive data, such as credit card numbers, social security numbers and account information in their systems greatly reducing the risk of regulatory fines and reputational damages associated with losing sensitive data in case of a data breach.

### Secure sensitive data while maintaining its usability

Format preserving tokenization, options for maintaining referential integrity of the data and advanced integration capabilities make Protect an ideal solution for securing sensitive data while maintaining its usability for analytics and business processes.

### Leverage managed services for end-to-end solution delivery

OpenText provides Protect as a managed service on the OpenText Cloud Platform, offering an end-to-end solution for protecting sensitive data, delivering high performance and cost efficiency for the day-to-day tokenization operations.



OpenText Protect offers unmatched scalability. As processing nodes are added, the number of requests that can be processed per second increases while response times decrease.