

Thales SME Cloud and On-Premise Platform Offerings



Introduction

As data breaches continue with regularity and compliance mandates become more stringent, organisations of all types and sizes need to discover and protect sensitive data in both on-premise and cloud environments.

Encryption is vital for an effective security policy and in many cases, mandatory. For many SMEs deploying encryption can be daunting. The increased adoption of encryption solutions has improved security for organisations, but it has made life much more challenging for the SME security team, now tasked with managing a variety of cryptographic keys. Nearly all offline data storage devices and many database management systems (DBMS) include the option of embedded native encryption capability. A challenge with these islands of encryption is that keys and Key Management software from each provider don't usually interoperate well with one another.

The first thing an organisation must be able to do, is to be able to discover data wherever it resides and classify it. Data security and compliance starts with finding exposed sensitive data before hackers and auditors.

Once an organisation knows where its sensitive data is, protective measures such as encryption or tokenisation can be applied. For encryption and tokenisation to successfully secure sensitive data, the cryptographic keys themselves must be secured, managed and controlled by the organisation.

Thales SME Cloud and On-Premise Platforms

In order to reduce complexity, and ensure data can be discovered and encrypted easily, cost effectively, and without the need for lengthy pre-sale technical engagements, Thales has launched the SME Cloud Platform and the SME On-Premise Platform. These unique offerings bring together the industry's leading Key Management and Data Encryption solutions with a choice of encryption 'connectors' allowing SMEs to encrypt most, if not all data sources including –

- File Servers
- Databases
- Virtual Servers
- Public Clouds

The Thales CipherTrust Data Discovery and Classification module is an additional optional benefit that removes the problem of manually evaluating where your data resides and whether it is sensitive enough to require encrypting.

Thales SME Cloud and On-Premise Platform Includes -

Key Management

Thales CipherTrust Enterprise Key Management streamlines and strengthens key management in cloud and enterprise environments over a diverse set of applications. Based on FIPS 140-2-compliant virtual appliances, The CipherTrust Manager manages and protects keys on behalf all Thales CipherTrust Data Security Platform products as well as third party encryption solutions.

Data Encryption Connectors

Thales CipherTrust Data Security Platform provides comprehensive data security capabilities, including file-level encryption with access controls, application-layer encryption, database encryption, masking, vaultless tokenisation with policy-based dynamic data masking and vaulted tokenisation to support a wide range of data protection use cases across cloud, virtual and physical environments.

Cloud Key Manager

CipherTrust Cloud Key Manager utilises BYOK services to deliver key generation, separation of duties, reporting, and key lifecycle management that help fulfil data protection mandates, all with FIPS 140-2-certified secure key storage supporting infrastructure, platform and software as a services such as Microsoft Azure, Amazon Web Services, IBM Cloud, Google Cloud Platform, O365, Salesforce.com.

Data Discovery and Classification

Thales CipherTrust Data Discovery and Classification helps your organisation gain complete visibility into your sensitive data with efficient data discovery, classification, and risk analysis across heterogeneous data stores - the cloud, big data, and traditional environments.

Installation Services

A single, one off cost to install the entire solution including the centralised key manager and all data encryption connectors.

Support Services

27/7 Technical Support services and advanced RMA should any issues occur.

About Thales

The people you rely on to protect your privacy rely on Thales to protect their data. When it comes to data security, organisations are faced with an increasing number of decisive moments.

Whether the moment is building an encryption strategy, moving to the cloud, or meeting compliance mandates, you can rely on Thales to secure your digital transformation.

Decisive technology for decisive moments.