THALES

Building a future we can all trust

Thales Helps a North American Bank Discover, Protect, and Control Sensitive Data for Hybrid IT Security Governance

The Business Challenge

A regional North American bank with several highly regulated corporate customers and thousands of foreign citizen accounts needed to implement comprehensive data security governance to simplify compliance with multiple national and international regulations. The bank needed to be able to discover sensitive data across hybrid IT, protect it effectively with best-in-class security, and control access to this data based on regulation-driven security policies across on-premises and cloud environments.

The Solution

The customer deployed Thales's Ciphertrust Data Security Platform for complete data security governance. The bank began by deploying CipherTrust Data Discovery and Classification to identify and classify sensitive data across its hybrid IT environment. The organization then applied CipherTrust Transparent Encryption to protect data-at-rest in Windows file systems and SQL databases. The bank also implemented CipherTrust Cloud Key Manager to secure and manage keys used in multiple cloud environments.

The CipherTrust Data Security Platform

The CipherTrust Data Security Platform integrates data discovery, classification, and protection with unprecedented granular access controls and centralized key management. This solution removes data security complexity, accelerates time to compliance, and secures cloud migration. This results in fewer resources dedicated to data security operations, ubiquitous compliance controls, and significantly reduced risk across your business.

Discover: CipherTrust Data Discovery and Classification

CipherTrust Data Discovery and Classification locates structured and unstructured regulated data across cloud, big data, and traditional data stores. A single pane of glass delivers a unified view of sensitive data and its risks, enabling better decisions about closing security gaps, compliance violations, and prioritizing remediation. The solution provides a streamlined workflow from policy configuration, discovery, and classification to risk analysis and reporting. This helps eliminate security blind spots and complexities.

Protect: CipherTrust Transparent Encryption

CipherTrust Transparent Encryption delivers data-at-rest encryption, privileged user access controls, and detailed data access audit logging. Agents protect data in files, volumes and databases on Windows, AIX and Linux OS's across physical and virtual servers in cloud and big data environments. The Live Data Transformation extension is available for CipherTrust Transparent Encryption, providing zero-downtime encryption and data rekeying. In addition, security intelligence logs and reports streamline compliance reporting and speed up threat detection using leading security information and event management (SIEM) systems.

> Thales CipherTrust Data Security platform allowed the bank to discover, protect, and control sensitive data, strengthening the bank's security posture, simplifying compliance, and automating data security governance.

Control: CipherTrust Cloud Key Manager

CipherTrust Cloud Key Manager centralizes encryption key management from multiple environments, presenting all supported clouds and even multiple cloud accounts in a single browser tab. It simplifies administrative challenges around encryption key management to ensure that keys are secure and always provisioned to authorized encryption services. CipherTrust Cloud Key Manager streamlines bring your own key (BYOK) management for Amazon Web Services, Microsoft Azure, Salesforce, Google Cloud Platform, and IBM Cloud. The solution provides comprehensive cloud key lifecycle management and automation to enhance security team efficiency and simplify cloud key management.

The Results

1. Strengthened the bank's security posture across hybrid IT systems with a single pane of glass providing visibility and control over protection of sensitive data.
2. Automated and simplified compliance with multiple national and international regulations with granular data security policies applied across environments.
3. Enabled secure migration to cloud environments, such as Microsoft Azure, Office 365, Salesforce, and Mongo DB.
4. Scaled platform seamlessly from on-premises, to cloud, to overall data security governance.

About Thales

The people you rely on to protect your privacy rely on Thales to protect their data. When it comes to data security, organizations 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.