Spirion and Thales

Sensitive Data–Centric Encryption of Data–at–Rest

Automate policies to enforce data protection with encryption driven by sensitive data discovery and classification

Every day 2.5 quintillion bytes of new data are created. In enterprises, that data is shared more than ever before. At the same time, increased cloud adoption and modern remote work policies have obliterated the perimeter, requiring new strategies for data protection. Further complicating matters, IT leaders must safeguard sensitive data without burdening end–users with time–consuming and productivity–sapping restrictions to access data needed for their job roles.

Re-inventing access governance

The traditional way to protect sensitive data has been to restrict access to servers, shared folders, and other data storage, a broad and overly restrictive practice based upon where a file is located, rather than also considering what it contains.

This conventional access governance practice, combined with encryption solutions, can be very effective at locking down files that are rarely accessed or updated. This approach excels at keeping prying eyes away from unauthorized data but can often fall short in a number of ways, blocking legitimate access and reducing productivity.

To meet the challenges of modern perimeterless, data–driven enterprises, Thales CipherTrust Transparent Encryption and Spirion have teamed up to re–invent file–level access and rights management.
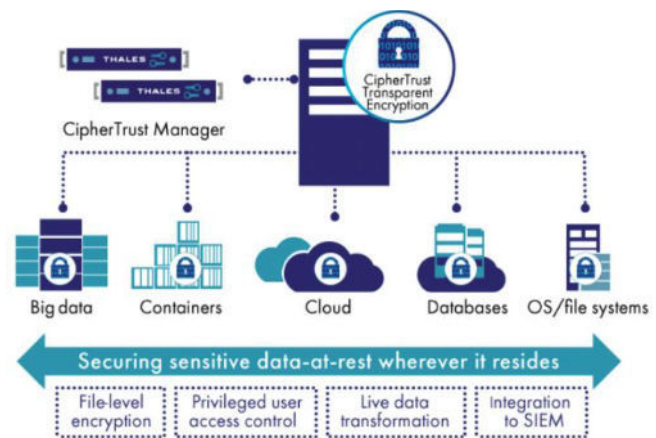
It begins with data discovery & classification

The most accurate data identification delivers the most accurate protection. Data can't be properly protected if its sensitivity and distribution isn't completely understood. Spirion data identification solutions help discover, classify, and remediate sensitive data wherever it lives, with industry–leading accuracy you can trust.

Spirion performs fast and accurate searches of both structured and unstructured data in ways that even seasoned end–users cannot, on hosted and on–premise email servers, databases, endpoints, and the cloud. By leveraging the automation and accuracy of Spirion sensitive data identification, organizations can more accurately focus their data security spend and protect sensitive data.

Thales CipherTrust Transparent Encryption

CipherTrust Transparent Encryption delivers data-at-rest encryption with centralized key management, privileged user access control and detailed data access audit logging. This protects data wherever it resides, on-premises, across multiple clouds, and within Big Data and container environments.

The deployment is simple, scalable and fast, with agents installed at operating file-system or device layer, and encryption and decryption is transparent to all applications that run above it. CipherTrust Transparent Encryption is designed to meet data security compliance and best practice requirements with minimal disruption, effort, and cost. The server encryption solution works in conjunction with the FIPS 140-2 up to Level 3 validated CipherTrust Manager, which centralizes encryption key and policy management for the CipherTrust Data Security Platform.

Transparent data protection

Transparent and continuous file-level encryption protects against unauthorized access by users and processes in physical, virtual, and cloud environments. Because the encryption is applied at a file-level and based on the data discovery and remediation applied by Spirion, implementation can be done without disrupting ongoing business and operational processes even during deployment and roll out.

Scalable and flexible

Scaling to deployments of tens of thousands of physical or virtual servers, Thales CipherTrust Transparent Encryption is available for Windows, Linux, and Unix platforms. The enterprise encryption software can be used, deployed and maintained across physical, cloud, container and big data environments. Overhead from encryption is minimized using the encryption capabilities available in modern CPUs.

Thales and Spirion better together

Thales and Spirion are helping organizations stay ahead of shifts in the modern threat landscape by delivering solutions that focus directly on the data without reliance on an increasingly porous perimeter. Thales CipherTrust Transparent Encryption allows IT organizations to easily control access to sensitive or restricted documents, enabling intelligent encryption that is surgically focused on the data itself, not just where it happens to be stored.

Contact us to learn more about how Spirion's accurate data identification combined with file-level encryption and rights management from Thales CipherTrust Transparent Encryption can help you.
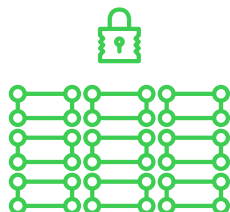
Spirion scans and identifies
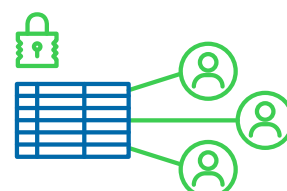
on-premises, in the cloud, even endpoints
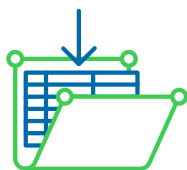
Sensitive data discovered

on-premises, in the cloud, files quarantined per workflows and playbooks

Thales applies encryption

quarantined GuardPoint folder automatically applies encryption and key management

The file is available only to authorized users

unlocked transparently for only authorized users

Talk to a Spirion data security and compliance expert today: expert@spirion.com

Spirion has relentlessly solved real data protection problems since 2006 with accurate, contextual discovery of structured and unstructured data; purposeful classification; automated real-time risk remediation; and powerful analytics and dashboards to give organizations greater visibility into their most at-risk data and assets. Visit us at spirion.com