

Secure, Protect, and Recover Critical Data with **Thales** and **Infinidat**

Strengthen cyber resilience,
protect sensitive data, and
support compliance across
hybrid cloud, AI, and enterprise
storage environments

Key Benefits

- Protect sensitive data across AI, hybrid cloud, and enterprise storage environments
- Discover and classify sensitive data to improve visibility and reduce risk
- Strengthen cyber resilience with immutable storage, logical air gapping, and rapid recovery capabilities
- Centralize encryption key management and maintain independent control of cryptographic assets
- Support compliance, data sovereignty, and business continuity initiatives

Securing Data in an Era of AI, Data Growth, and Cyber Threats

Organizations are rapidly adopting AI, expanding hybrid cloud environments, and generating unprecedented volumes of structured and unstructured data. As data volumes grow, organizations face mounting pressure to secure sensitive information, maintain compliance, and protect critical workloads from sophisticated cyber threats.

Data sprawl has evolved from a storage challenge into a significant business risk. Sensitive information now spans databases, applications, file systems, AI pipelines, and cloud environments, making it harder to maintain visibility, enforce consistent security policies, and recover quickly from ransomware attacks.

At the same time, organizations must comply with evolving global regulations such as GDPR, HIPAA, PCI DSS, and CCPA while ensuring data remains accessible and recoverable during incidents. Traditional security approaches often operate in silos, creating gaps between data protection, cyber resilience, and recovery operations.

Organizations need an integrated approach that protects sensitive data throughout its lifecycle while ensuring business continuity when threats arise.

Unified Data Security and Cyber Resilience

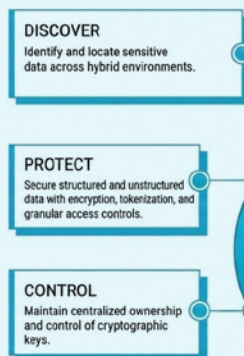
Thales and Infinidat deliver a comprehensive, multi-layered approach to securing enterprise data, spanning discovery, protection, cyber resilience, and recovery. By integrating Infinidat enterprise storage with Thales encryption and centralized key management, organizations can strengthen data security while maintaining control of cryptographic keys and meeting compliance and data sovereignty requirements.

The Thales CipherTrust Data Security Platform (CDSP) enables organizations to discover, analyze, protect, and control sensitive data across databases, applications, cloud environments, and AI workloads. CDSP provides flexible data protection and centralized key management across enterprise and cloud environments, including support for BYOK and HYOK. Optional Thales Luna HSMs provide a hardware-based root of trust for organizations needing additional protection for cryptographic keys.

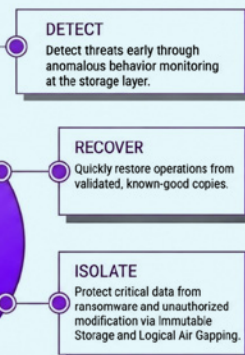
Infinidat complements these capabilities with cyber-resilient primary and secondary storage powered by InfiniSafe technologies. Immutable snapshots, logical air gapping, AI-driven cyber detection, fenced forensic environments, and rapid recovery capabilities help protect critical data and quickly restore operations after ransomware attacks or system failures.

Together, Thales and Infinidat help organizations protect sensitive data throughout its lifecycle, maintain control of encryption keys, detect and isolate threats, and rapidly recover critical data to reduce cyber risk and strengthen business continuity.

THALES DATA SECURITY



INFINIDAT CYBER RESILIENCE



COMPLIANCE & DATA SOVEREIGNTY
End-to-end support for GDPR, HIPAA, PCI DSS, CCPA, and evolving data sovereignty requirements.

Why Thales + Infinidat

Capability	Customer Benefit
Data Discovery & Classification	Identify and locate sensitive data across hybrid environments
Data Protection	Secure structured and unstructured data using encryption, tokenization, and granular access controls
Centralized Key Management	Maintain independent ownership and control of cryptographic keys
Immutable Storage & Logical Air Gapping	Protect critical data from ransomware and unauthorized modification
Threat Detection & Rapid Recovery	Detect threats earlier and quickly restore operations from known-good copies
Compliance & Data Sovereignty	Support GDPR, HIPAA, PCI DSS, CCPA, and evolving data sovereignty requirements

Infinidat Data Storage Capabilities

- **InfuzeOS:** Powers Infinidat platforms with a software-defined storage architecture that delivers built-in cyber resilience, performance, and rapid recovery.
- **InfiniSafe:** Protects, detects, and recovers critical data using immutable snapshots, logical air gapping, and isolated forensic recovery environments.
- **InfiniSafe Automated Cyber Protection (ACP):** Integrates with SOC, SIEM, and SOAR workflows to automatically trigger immutable snapshots in response to security events.
- **InfiniSafe Cyber Detection:** Uses AI-based scanning and machine learning to detect ransomware and malware and identify known-good copies for recovery.
- **InfiniSafe Cyber Storage Guarantees:** Provides guaranteed recovery in one minute or less regardless of dataset for immutable snapshots to help minimize downtime after cyber incidents.

Thales Data Security Capabilities

- **CipherTrust Data Security Platform (CDSP):** Discovers, analyzes, protects, and controls sensitive data across hybrid cloud, AI, and enterprise environments.
- **CipherTrust Manager:** Centralizes security policies and cryptographic lifecycle management across hybrid and multi-cloud environments.
- **CipherTrust Enterprise Key Management (EKM)** and **CipherTrust Cloud Key Management (CCKM):** Centralizes key management and supports BYOK and HYOK to strengthen customer control, data sovereignty, and compliance.

- **CipherTrust Transparent Encryption** and **CipherTrust Tokenization Solutions:** Protect structured and unstructured data with transparent encryption, tokenization, and application-layer encryption while preserving application functionality.
- **Thales Hardware Security Module (HSM):** Provides a FIPS Level 3 validated, tamper-resistant hardware root of trust that protects cryptographic keys and enables high-assurance encryption operations.
- **Data Security Fabric (DSF):** Discovers, classifies, monitors, and manages structured and unstructured data with **Data Security Posture Management (DSPM)**, **Database Activity Monitoring (DAM)**, and **File Activity Monitoring (FAM)**.

Summary

By combining Thales's data security capabilities with Infinidat's cyber-resilient storage technologies, organizations can protect sensitive data throughout its lifecycle, strengthen ransomware defenses, and accelerate recovery across hybrid cloud, AI, and enterprise storage environments.

Together, Thales and Infinidat provide an integrated foundation for data security and cyber resilience, helping organizations reduce risk, support compliance and data sovereignty, and maintain business continuity as threats and data environments evolve.

About Infinidat

Infinidat, a Lenovo company, was founded in 2011 by a team of storage industry experts focused on delivering powerful business value to customers by eliminating the compromises between performance, availability, data protection, cyber resilience, and cost for enterprise storage. The Infinidat team, spanning generations of storage industry experience and previous industry-acclaimed successes, has become an industry leader by developing a better, faster way to store and protect enterprise data, with the highest possible availability, at the lowest possible cost, unrivaled real-world application and workload performance, and comprehensive cyber data resilience. All of this with a single goal in mind – enable customers to spend less on their infrastructure and focus more on innovation, growth, and competitive advantage.

About Thales

Thales is a global leader in cybersecurity, helping businesses, governments, and the most trusted organizations in the world protect critical applications, sensitive data, identities, and software anywhere, at scale — with the highest ROI. With more than 30,000 customers, including 58% of the Fortune Global 500, our solutions are deployed in 148 countries around the world. Through our innovative services and integrated platforms, Thales helps customers achieve better visibility of risks, defend against cyber threats, close compliance gaps, and deliver trusted digital experiences for billions of consumers every day.