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Meeting Compliance and Data Privacy Requirements

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Thales helps you meet common compliance and data privacy requirements ...

Discover and classify sensitive data and analyze risks

Protect sensitive data with encryption and tokenization

Control access to data with centralized key and policy management

Audit all attempts to access data and encryption keys with logs and reports

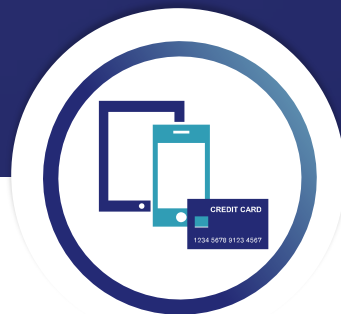**... across traditional and next generation platforms**

Multicloud data security

Secure sensitive information in Big Data analytics

Container data security

Transaction and digital payment security

Thales Data Protection solutions address key compliance requirements

Discover and Classify Sensitive Data

Discover structured and unstructured data across the entire enterprise

Classify sensitive data based on built-in and customizable templates

Protect Data at Rest and Data in Motion

Encrypts data at rest anywhere it resides with centralized key management in a secure root of trust

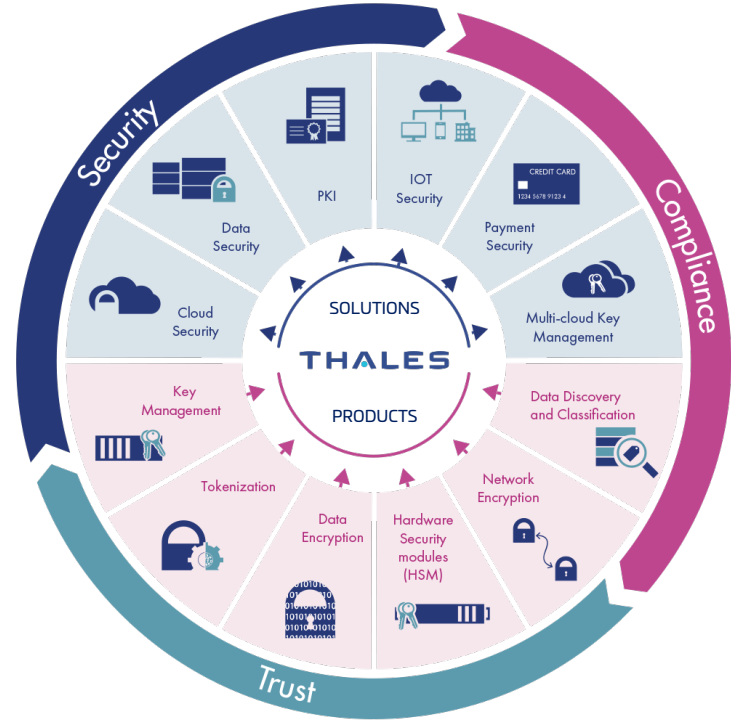Provides network independent encryption for data in motion

Control Access and Centralized Key Management

Centralized encryption key and policy management, ensuring the keys are always in your control

Controls access to sensitive data, and encryption keys, with privileged user access management and strong authentication

Security

Compliance

Trust

PKI

IOT Security

Data Security

Payment Security

Cloud Security

Multi-cloud Key Management

SOLUTIONS

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PRODUCTS

Key Management

Data Discovery and Classification

Tokenization

Network Encryption

Data Encryption

Hardware Security modules (HSM)

Thales Data Protection solutions address key GDPR Requirements

Requirements	GDPR	Thales Supporting Capabilities				
Records of processing activities	Article 30				Data Discovery and Classification	
Pseudonymisation and Encryption	Article 25, 32	Transparent File and Volume Encryption	Application Data Protection	Tokenization	Cloud Key Manager	Hybrid, Multicloud Data Security
Breach notification (avoidance)	Article 3, 34	Transparent File and Volume Encryption	Application Data Protection	Tokenization	Cloud Key Manager	Hybrid, Multicloud Data Security
Data access controls	Article 5	Transparent File and Volume Encryption	Policy-based Access Controls	User and Device Authentication	Hardware Security Module (HSM)	Cloud HSM
Evidence of Data access	Article 5			Data Access Audit Logs		

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Thales Solutions for Addressing GDPR Data, Post Schrems II Ruling

Recommendations[1]	EDPB	Thales Supporting Capabilities
Know your data transfers	Step 1	Data Discovery and Classification
Adopt supplementary measures	Step 4	Luna HSMs · Enterprise Key Management · Transparent Encryption · Application Data Protection · High Speed Encryptors (HSE) · Data Protection on Demand · Cloud Key Management · Database Protection · Tokenization and Data Masking · SafeNet Trusted Access
Revaluate at appropriate intervals	Step 6	Data Access Audit Logs

[1] European Data Protection Board (EDPB) recommendations on Supplementary Measures to address gaps in GDPR identified by Schrems II Ruling

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Thales Data Protection solutions address key PCI DSS Requirements

Requirements	PCI DSS	Thales Data Protection Supporting Capabilities				
Protect cardholder data storage and retention time	3.1			Data Discovery and Classification		
Protect cardholder data	3.4, 3.5, 3.6	Transparent File and Volume Encryption	Application Data Protection	Tokenization	Cloud Key Manager	Enterprise Key Management
Encrypt data transmissions	4.1			Network Encryption		
Restrict access to cardholder data	7.1, 7.2	Transparent File and Volume Encryption	Policy-based Access Controls	User and Device Authentication		
Identify and authenticate access to system	8.1, 8.3, 8.7	User and Device Authentication	Policy-based Access Controls	HSM-based Key Protection		
Track access to cardholder data	10.1, 10.2, 10.3	Data Access Audit Logs	Policy-based Access Controls			

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Thales Data Protection addresses data breach notification laws

Requirements

Thales Data Protection Supporting Capabilities

Encrypt data and control access to protect against data breach notification requirements

Data Discovery and Classification

Application Data Protection

Tokenization and data masking

Cloud Key Manager

Luna Hardware Security Module (HSM)

Transparent file and volume encryption

Enterprise Encryption Key Management

Policy-based Access Controls

Hybrid, Multi-cloud Data Security

Cloud HSM

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Thales Data Protection addresses data residency requirements

Requirements	Thales Data Protection Supporting Solutions
Data discovery	Data Discovery and Classification
Data encryption	Transparent File and Volume Encryption · Application Data Protection · Tokenization and Data Masking · Cloud Key Manager · Multicloud Data Security
Encryption key protection	Enterprise Key Management · HSM-based Key Protection · Cloud HSM · Customer Control of Keys
Data access controls	Policy-based Access Controls · User and Device Authentication

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Data Protection Hardware

CipherTrust Manager
Key Management

Luna General Purpose Hardware Security Module (HSM)

payShield Payment HSM

Network Encryptors High Speed Encryption (HSE)

Data Protection Software

CipherTrust Data Discovery & Classification
Discover and classify sensitive data and analyze risks

CipherTrust Transparent Encryption
File-level encryption with granular access controls and auditing

CipherTrust Application Data Protection
Protects data from within applications via RESTful APIs

CipherTrust Database Protection
Protects databases with column-level encryption

CipherTrust Tokenization
Delivers vaulted and vaultless tokenization services via APIs

CipherTrust Cloud Key Manager
Manages key lifecycle across multiple cloud providers

CipherTrust Enterprise Key Management
Manages key lifecycle for KMIP and database TDE systems

CipherTrust Batch Data Transformation
Provides static data masking techniques to encrypt and tokenize data

Data Protection as a Service

Data Protection on Demand
Cloud-based HSM and key management services

SureDrop
Securely store, share and synchronize files to the cloud and on-premises

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For more information on how Thales can help you meet your compliance and security needs

Contact us

For all office locations and contact information,
please visit cpl.thalesgroup.com/contact-us

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