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THALES
Building a future we can all trust

CipherTrust Data Security Platform As-a-Service

Key management and data protection cloud services on-demand

As organizations adopt multiple cloud and SaaS providers, each provider comes with its own unique administration and point solutions for encryption and key management—and the resulting need to develop and maintain expertise with each provider's consoles. Using siloed tools makes it very difficult to apply consistent security controls—potentially exposing sensitive data and creating significant manual work to close security gaps and comply with evolving data privacy regulations.

The CipherTrust Data Security Platform (CDSP) is an integrated suite of data-centric security solutions that significantly reduce business risk and simplify data security administration across on-premises and cloud environments. The platform provides powerful tools for key lifecycle management and data protection, along with an unparalleled partner ecosystem of integrations with leading enterprise storage, server, database, application, and cloud vendors. From a single console, address your urgent requirements and prepare your organization to respond when the next security challenge or compliance requirement arises.

Thales offers a choice of key management deployment options designed to meet the needs of your organization:

On-premises	Hybrid	As-a-Service
Physical appliance or virtual (cloud) appliance running in private cloud	Single management interface across physical and virtual (cloud) appliances in private or public cloud	Hosted cloud-based subscription service

As-a-Service Deployment

The cloud-based SaaS deployment model for the CipherTrust Data Security Platform (CDSPaaS) enables you to launch new key management and data protection services quickly, saving time and operational resources by offloading the administration of key management appliances to Thales security experts. Thales hosts CDSPaaS in secure data centers in Europe and North America. Each subscription is backed by a FIPS 140-2 Level 3 certified Luna Cloud HSM hosted in Thales' Data Protection on Demand data centers. CDSPaaS is built to auto scale to meet demands placed on the service, ensuring high availability as well as resilience to meet industry-comparable SLAs.

Key Benefits

Save time and simplify operations

- With no hardware to buy, configure, or manage, you can deploy data security more quickly and cost effectively.

OpEx model

- Subscribing to CDSP services eliminates the need to fund upfront multi-year investments in data security infrastructure.

Future proof

- Thales regularly updates the service so you gain access to the latest CDSP products without disruption to your operations.

Flexible architecture

- Use CDSPaaS to scale quickly to meet business demands without the need to plan ahead for changes in capacity.

Seamless Integration

- Use REST APIs to spread security across multiple applications in your IT environment.

Partner Ecosystem

- CDSPaaS leverages an unparalleled partner ecosystem of integrations with leading cloud and SaaS vendors.

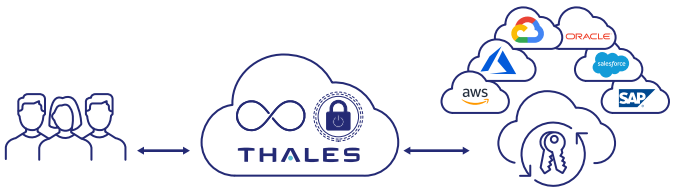
Centralize and Simplify Key Management

CipherTrust Manager is the central management point for the CipherTrust Data Security Platform (CDSP). CipherTrust Manager simplifies key lifecycle management tasks, including secure key generation, deactivation and deletion by enabling organizations to centrally manage encryption keys for Thales CDSP and third-party products. Role-based access provides control to keys and policies, multi-tenancy support, and robust auditing and reporting of all key management and encryption operations.

Control Encryption Keys Across Multiple Clouds

CDSPaaS uses the same underlying security technology as the CDSP product portfolio—enabling a broad range of use cases. The first CDSP service available is CipherTrust Cloud Key Management (CCKM), with other data security services to follow. CCKM enables you to centralize management of cloud encryption keys as you migrate sensitive data to the public cloud. CCKM provides a single pane of glass view across regions for cloud native, Bring Your Own Key (BYOK) and Hold Your Own Key (HYOK) keys and one straightforward UI to manage all cloud key management services, helping you experience higher efficiency and comply with data protection mandates, such as those relating to digital sovereignty.

Industry best practices require secure storage and management of encryption keys outside of the corresponding cloud provider . With CCKM you can leverage the value of BYOK and HYOK services and retain control over the keys used to encrypt your data. CCKM is compatible with all major public cloud service providers (CSPs) including AWS, Azure, Google Cloud, Oracle Cloud, Salesforce, and SAP.



Customers | CipherTrust Data Security Platform As-a-Service with Luna Cloud HSM Root-of-Trust | CipherTrust Cloud Key Management

Get Started in Minutes

Sign up for a 30-day free evaluation of CipherTrust Data Security Platform services through the Thales Data Protection on Demand (DPoD) Marketplace. DPoD is a user-friendly online marketplace that provides a wide range of Luna Cloud HSM and CipherTrust Key Management services. With DPoD, security is made simpler, more cost-effective, and easier to manage. Just click and deploy the protection you need, provision services, add security policies and get usage reporting in minutes.

Access your 30-day trial in three easy steps:

1. Sign up for a DPoD Marketplace account.
2. Select the CDSP service on the DPoD Marketplace and fill in the requested information.
3. Log in and get started.

Service Specifications

- Operates from data centers in Europe and North America
- 99.95% SLA
- High availability, automated backups and failover included
- Backed by FIPS 140-2 Level 3 certified Luna Cloud HSMs
- ISO 27001 and SOC2 security certifications

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.

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

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