



THALES

Building a future we can all trust

E-Book

CipherTrust as a Service

**Key management and
data protection services on demand**

Selected customer use cases

What is CipherTrust Data Security Platform?



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.

CDSP as a Service (CDSPaaS) on the Data Protection Demand (DPoD) Marketplace

Consume best-in-class key management and data protection solutions as a service

Service specifications

- Managed by Thales in secure data centers, observing chain of custody audit requirements
- Full remote control and management of keys and data protection 'connectors' by customer
- Available through the DPoD Marketplace
- Designed to meet SMB and enterprise needs

THALES Data Protection on Demand [Create an Account or Sign In](#)

CipherTrust Data Security Platform Services

| CipherTrust Cloud Key Management | CipherTrust Data Security Platform | CipherTrust Transparent Encryption | Live Data Transformation | Ransomware Protection |
|--|---|---|--|---|
| €1,160.00 /month * Control and manage your multi-cloud encryption keys in minutes. More Info | €3,150.00 /month * Protect sensitive data with key management and data security services. More Info | €250.00 /month * Ensure adherence to compliance and best practice requirements whenever data resides - across multiple clouds, on-premises, and container environments. More Info | Please contact your service provider for pricing. Non-disruptive initial encryption and simplified, more compliant encryption key rotations. Users work as usual while encryption is in process. More Info | Please contact your service provider for pricing. Continuous monitoring for abnormal IO activity alert or block malicious activity before ransomware can take hold of your endpoints and servers. More Info |
| + TRY SERVICE | + TRY SERVICE | + TRY SERVICE | + TRY SERVICE | + TRY SERVICE |

Luna Cloud HSM Services

| | | | | |
|--|--|---|--|---|
| €2,690.00 /month * Set up and access a Cloud HSM service for your organization's cryptographic operations. More Info | €2,690.00 /month * Secure CyberArk Privileged Access Security Solutions top-level encryption key within an xSAM. More Info | €2,690.00 /month * Digitally sign software and firmware packages. More Info | €3,165.00 /month * Create a Microsoft Double Key Encryption endpoint connected to a Luna Cloud HSM service for secure storage of DKE cryptographic keys. More Info | €2,690.00 /month * Bring trust to blockchain transactions to perform the required cryptographic operations across the distributed system. More Info |
| + TRY SERVICE | + TRY SERVICE | + TRY SERVICE | + TRY SERVICE | + TRY SERVICE |

| | | | | | |
|---|--|--|--|---|---|
| €2,690.00 /month * Secure the keys of your Microsoft Root Certificate Authority (CA) in an HSM. More Info | €2,690.00 /month * Generate and secure your Microsoft Authenticode certificates on an HSM. More Info | €2,690.00 /month * Off-load Microsoft SQL Server cryptographic operations to an HSM. More Info | €2,690.00 /month * Ensure that Oracle TDE encryption keys are protected by a master key that resides within the HSM. More Info | €2,985.00 /month * Secure private keys belonging to Certificate Authorities responsible for establishing PKI trust hierarchy. More Info | €2,985.00 /month * Set up and access a Cloud HSM service, with private key export capability, for your organization's cryptographic operations. More Info |
|---|--|--|--|---|---|

CipherTrust Cloud Key Management

€1,160.00 /month *

Control and manage your multi-cloud encryption keys in minutes.

[More Info](#)

[+ TRY SERVICE](#)

The Data Protection on Demand (DPoD) User Community

DPoD customers span the globe, serving diverse industries and include organizations of all sizes—from fast-moving startups to some of the world's largest Fortune 500 and Global 500 companies.

- We have DPoD customers on every continent and located in 30+ different countries around the world.
- Customer company size ranges from 4 to 130K employees, and company age from 1 year to +200 years in operation.
- Cloud usage ranges from 10%-100%.
- Use cases include automotive, electronics, media, IoT, fintech, manufacturing, PKI management, banking, health care, pharmaceutical, smart metering, and many more.



PKI



Enterprise



Healthcare



Automotive



IoT and
smart devices



Fintech and
Banking



Payments



Manufacturing

CDSPaaS Customer Success Stories

From automotive to secure payments, 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.

From a single console, address your urgent requirements and prepare your organization to respond when the next security challenge or compliance requirement arises.

About this ebook

This eBook features stories about customers using CDSPaaS on the DPoD Marketplace. Each is presented in summary format, with a QR code linking to the full written case study and video when available.

Some of the customers have permitted us to use their name and tell their story for marketing purposes. We have removed some details for the remaining stories for which we do not have permission to publicly use their names.

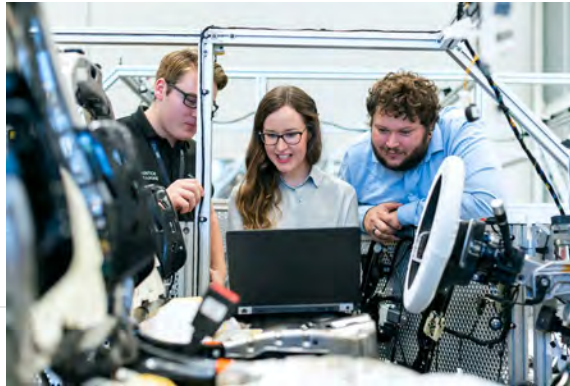


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Monsido provides digital sovereignty peace of mind

With the CipherTrust Data Security Platform as-a-Service

“The SaaS deployment model aligns well with our cloud-only strategy. We have plenty to do already and prefer not to manage on premises data security infrastructure.”

— Tim Warberg, Senior Software Architect and Platform Engineer



Challenge

- The company wanted to ensure their customers' data is protected in compliance with European privacy regulations and addresses sovereignty requirements.
- They also wanted a solution that ensured encryption keys were held outside of their cloud environment in accordance with guidelines from the Danish Data Protection Agency (DDPA).



Solution

- CipherTrust Data Security Platform as-a-Service (CDSPaaS), available through the DPoD marketplace.
- CipherTrust Cloud Key Management (CCKM) service, part of CDSPaaS, provides the Monsido platform with centralized management of cloud encryption keys and seamless integration with Google Cloud External Key Manager.



Results

- Addressed digital sovereignty requirements, giving customers the peace of mind that their data is secure and meets compliance regulations including GDPR and Schrems II.
- Followed the guidance of DDPA, ensuring encryption keys are stored securely outside of the corresponding cloud service provider.

Learn more: [Case Study](#) / [Video](#)



Insurance company complying with a mandate to maintain control of cloud keys



Challenge

- A European insurance company needed a solution to keep control of its keys in the cloud.
- The company was interested in a cloud-based solution with no expensive on-premises equipment to buy or maintain. In addition, the company didn't want to train or hire staff to manage its security keys.



Solution

- The company uses software that monitors for possible money laundering activities. The software is deployed on AWS as a dedicated service from a local software provider.
- The software uses AWS External Key Store (AWS XKS)
- The customer is using CipherTrust Cloud Key Manager (CCKM) on CDSPaaS for external cloud key management.



Results

- Because Thales has a local presence, the customer onboarding was frictionless.
- Easy deployment and quick integration with AWS XKS



International automotive supply manufacturer needed to comply with European regulations



Challenge

- An international manufacturer of solutions for vehicles, machines, traffic and transportation collects and holds automotive geo data which must meet GDPR requirements, in line with Schrems II and the latest EU guidance. In addition to meeting compliance standards, the company also needed a solution to secure the automotive-related data being analyzed in Amazon Web Services (AWS) and Google Cloud Platform (GCP).



Solution

- CCKM for Google EKMS and AWS XKS
- With DPoD and its services hosted in European data centers, the company met European regulatory requirements with ease and assurance.



Results

- Setting up the service during the proof of concept was quick and uncomplicated, making the move to full production seamless.
- Using DPoD and CDSPaaS, the company met digital sovereignty requirements and compliance regulations.



European energy supplier looking for increased security for **cloud storage of sensitive data.**



Challenge

- An Energy supplier based in Europe was looking to shore up security and compliance of their sensitive data. Part of that effort included moving their data from Azure Cloud Bring Your Own Key (BYOK) to Google Cloud that allows for integration with an External Key Manager (EKM).



Solution

- The company selected Thales CipherTrust Data Security Platform as-a-Service (CDSPaaS) with CCKM subscriptions for Google Cloud Platform (GCP)
- These services are hosted in European data centers, ensuring the company is compliant with European regulations.



Results

- The company was pleased with its selection of CipherTrust as a service, which allowed them to streamline resources, reallocating staff necessary for an on-premises deployment to other tasks.
- Using DPoD and CDSPaaS, the company met digital sovereignty requirements and compliance regulations.



Food and beverage Manufacturer/distributor moves on-premises **key management** to the cloud



Challenge

- A multinational food and beverage producer and distributor was already a Thales customer, using CipherTrust Manager on-premises with CCKM and CipherTrust Transparent Encryption (CTE).
- The company was facing a shortage in resources to manage the on-premises solution and wanted to explore CipherTrust as a Service.



Solution

- The company selected Thales CipherTrust Data Security Platform as-a-Service (CDSPaaS) on DPoD with CTE and CCKM subscriptions for Azure BYOK, AWS XKS and Google EKM.



Results

- The company was already using Luna Cloud HSM on the DPoD platform, which gave them confidence to expand their DPoD usage into CDSPaaS.
- As part of the CDSPaaS onboarding, the company migrated CipherTrust and its connectors from on-premises infrastructure to the cloud, marking a complete shift to cloud-based key management operations.



European central bank seeks to mirror its strong on-premises security posture for the cloud



Challenge

- The central bank of a European country wanted to take its strong on-premises security infrastructure and mirror it for a cloud environment. The bank's on-premises solution includes hardware security modules (HSMs) and other mechanisms for crypto key generation. They understood creating this same environment in the cloud would require additional security measures.



Solution

- The bank selected Thales CipherTrust Data Security Platform as-a-Service (CDSPaaS) with CCKM subscriptions, as well as Luna Cloud HSMs from the DPoD Marketplace.



Results

- With CDSPaaS, the bank has a simple key management platform completely hosted by Thales. No hardware for them to manage.
- Built into the platform are admin access controls and other operational features, such as backup/restore, monitoring, HYOK, crypto agility, confidential computing and more.
- By mirroring their on-premises environment in the cloud, they can adopt or migrate cloud environments without having to re-architect anything.



Digital platform developer needed external key management solution for AWS accounts



Challenge

- Developer of a digital platform offering value added services to customers of insurance companies needed an external key manager for its AWS accounts to fulfill compliance regulations.



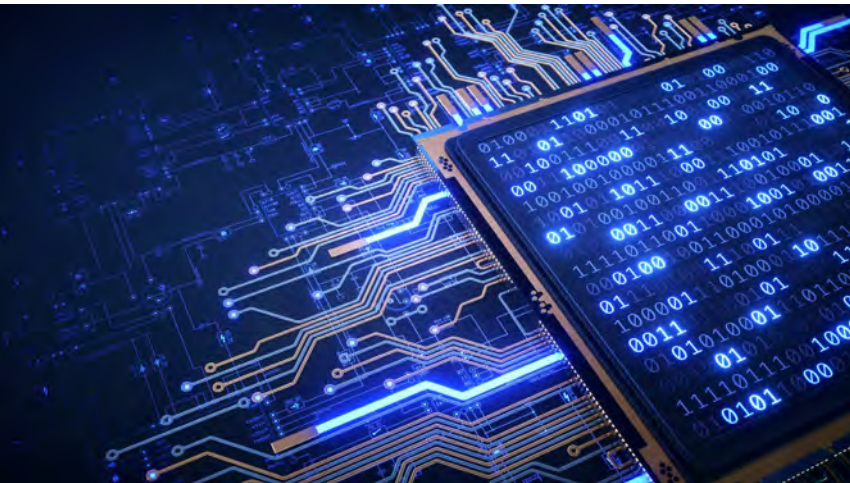
Solution

- The developer selected Thales CipherTrust Data Security Platform as-a-Service (CDSPaaS) with CCKM subscriptions and was onboarded as part of the Thales Accelerate Partner Program.
- Starting small with two CCKM subscriptions, the developer plans to add additional subscriptions for a multitude of additional AWS accounts.



Results

- Being a start-up, pricing for the new solution was of critical importance to this customer. When they considered the platform approach of CDSPaaS offering multiple different services already and more to come, they realized they could build a solid business case for further monetizing the Thales services for their customers.



Manufacturer wants to focus on its own innovations and **leave security to the experts**



Challenge

- A company that develops and manufactures passive safety devices needed to encrypt sensitive production data. The customer didn't have enough time and staff to set up and maintain an on-premises solution.
- The customer required encryption keys be protected and managed by a single solution.



Solution

- The developer selected CDSPaaS with CipherTrust Transparent Encryption (CTE). They already use Luna Cloud HSM on DPoD as the root of trust.
- By choosing Thales, the developer has a single vendor end-to-end key management solution completely hosted by and managed by Thales.



Results

- The company is fully focused on their own development on future technologies and digitalization and happy to not have to devote resources to managing on-premises solutions that require in-house security expertise.



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DPoD Marketplace
and sign up for a
free trial

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