Thales
Data Protection
on Demand

It's Not Just Data
Protection. It's Data
Protection on Demand.

cpl.thalesgroup.com

THALES
Building a future we can all trust

Thales Data Protection on Demand is a cloud-based platform that provides a wide range of Cloud HSM, key management and encryption services through a simple online marketplace. With Data Protection on Demand (DPoD), security is made simpler, more cost effective and easier to manage because there is no hardware to buy, deploy and maintain. Just click and deploy the protection you need, provision services, add security policies and get usage reporting in minutes.
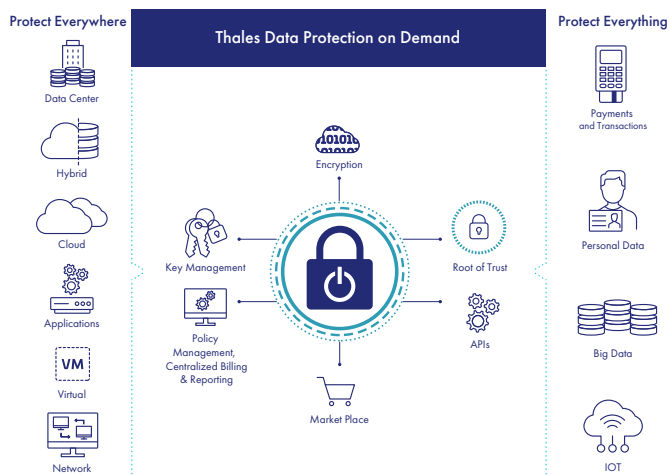
Get data security on your terms – in minutes

With Data Protection on Demand, you have access to a wide range of security services by simply clicking and deploying what you need to protect dozens of applications and use cases. It's that simple.

Zero upfront capital investment and pay-as-you go pricing

There is no hardware or software to buy, support and update, so you don't have any capital expenditures. In addition, with unique pay-as-you-grow pricing, you have the flexibility to purchase services to suit your changing business needs.

Data Protection... Available on Demand

Centralize control of encryption keys across all clouds

Data Protection on Demand is cloud agnostic, so regardless of whether you use Microsoft Azure, Google, IBM, Amazon Web Services or Salesforce or a combination of cloud and on-premises solutions, you are always in control of your encryption keys.

Easily integrate with your cloud, hybrid and IT services

Data Protection on Demand already comes with preconfigured APIs that make it easy for you to integrate Luna Cloud HSM and CipherTrust Key Management services to protect your applications and data.

With seamless key migration between Luna Cloud HSM services and Luna HSM appliances on premises, Thales helps customers ensure their data and the keys to that data is secure, regardless of where their data resides by supporting third party HSM integrations, common SDK and API support and high availability group access for both on-premises Luna appliances and DPoD services.

CDSPaaS provides customers a hosted key management service (reducing the effort of ongoing maintenance and upgrades) and offerings to support a variety of Key Management and Encryption use cases.

Infinite scalability and elasticity

Elastically scale HSM and key management services up and down automatically as your requirements change. You can easily grow cloud and hybrid HSM and key management capacity and crypto resources without limitations.

Protect data anywhere and meet compliance mandates

With Data Protection on Demand, you can secure sensitive data in any environment – cloud, hybrid, or on-premises - to manage your security policies and meet regulatory and compliance requirements. Protect the data you create, store and analyze. Crypto-enable your applications: Blockchain, Cloud, and Internet of Things.

Focus on your business, not managing security hardware and software

Use Data Protection on Demand and you don't need to buy, provision, configure, and maintain hardware and software for your HSM and key management needs. All the physical hardware, software, and infrastructure is managed by Thales, including an SLA, so you can concentrate on your business.

Data Protection on Demand for Managed Service Providers

Our delivery model allows Thales partners to provide unrivalled data protection as a service to their customers, using their own branding and bundled with their other existing cloud offerings. With Data Protection on Demand, Service Providers can quickly and easily offer their customers key management and encryption services that have been proven in the field for decades.

- Zero upfront investment
- Cloud-based pricing - OpEx only usage-based billing
- On-demand delivery
- SLA - 99.95% availability
- Multi-tenant capability with complete segmentation/separation of each customer's keys
- Centralized management
- Automated backups and failover included

Get started now!

With an growing menu of cloud-based security applications at your fingertips, including hundreds that work with the industry standard PKCS11 interface, select the security service you require from an expanding range of options and integrations.

Luna Cloud HSM Services

- **Luna Cloud HSM -** Set up and access a Cloud HSM service as a Root of Trust for your organization's cryptographic operations.
- **Luna Cloud HSM for CyberArk -** Secure CyberArk Privileged Access Security Solution's top-level encryption key within an HSM.
- **Luna Cloud HSM for Digital Signing -** Digitally sign software and firmware packages or electronic documents to ensure the integrity of the sender.
- **Luna Cloud HSM for Hyperledger -** Bring trust to blockchain transactions to perform the required cryptographic operations across the distributed system.
- **Luna Cloud HSM for Java Code Signer -** Generate and protect the private keys associated with your Java Code Signer application in an HSM.
- **Luna Cloud HSM for Microsoft Active Directory Certificate Services -** Secure the keys of your Microsoft Root Certificate Authority (CA) in an HSM.
- **Luna Cloud HSM for Microsoft Authenticode -** Secure your Microsoft Authenticode certificates on an HSM.
- **Luna Cloud HSM for Microsoft SQL Server -** Off-load Microsoft SQL Server cryptographic operations to an HSM.
- **Luna Cloud HSM for Oracle TDE -** Ensure that Oracle TDE encryption keys are protected by a key that resides within the HSM.
- **Luna Cloud HSM for PKI Private Key Protection -** Secure private keys belonging to Certificate Authorities responsible for establishing a PKI trust hierarchy.
- **Luna HSM Backup -** Backup and restore for your organization's on-premises Luna HSMs.

- **Luna Cloud HSM with Key Export -** Set up and access an HSM on Demand service, with private key export, for your organization's cryptographic operations.

CipherTrust Key Management and Encryption Services

- **CipherTrust Data Security Platform as a Service (CDSPaaS) -** Protect sensitive data with key management and data security services. Services available include:
  - ○ **CipherTrust Cloud Key Management Service (CCKM)** CCKM provides a single pane of glass view for cloud native, Bring Your Own Key (BYOK) and Hold Your Own Key (HYOK) keys, when migrating to the cloud or SaaS applications..
  - ○ **Live Data Transformation (LDT)** enables non-disruptive initial encryption and simplified, more-compliant encryption key rotations. Users continue to work as usual while encryption is in process.
  - ○ **Ransomware Protection (RWP)** (currently for Windows Server environments only) continuously monitors processes for abnormal I/O activity and alerts or blocks malicious activity before ransomware can take complete hold of your endpoints and servers

Partner Services

- Data Protection on Demand (DPoD) has extended its service capacities to include partner-led security services, expanding the value of Thales Luna HSMs extensive range of integrations across the security ecosystem.

The Thales Advantage

Proven and certified as a cloud/environment agnostic data protection market leader for over 30 years, Thales is the only vendor that offers an extensive range of HSM deployment options, providing a truly hybrid HSM that can distribute workloads between on-premises and cloud-based environments and maintain a real-time, cloud-based backup of an organization's cryptographic objects. Thales also 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, powered by DPoD.

About Thales

Thales helps organizations protect sensitive data and software and deliver seamless digital experiences, with advanced encryption, identity and access management and software licensing solutions.

Contact us
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Sign up for a 30-day trial of DPoD

Scan to sign up for a DPoD free trial