Microsoft

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Building a future we can all trust

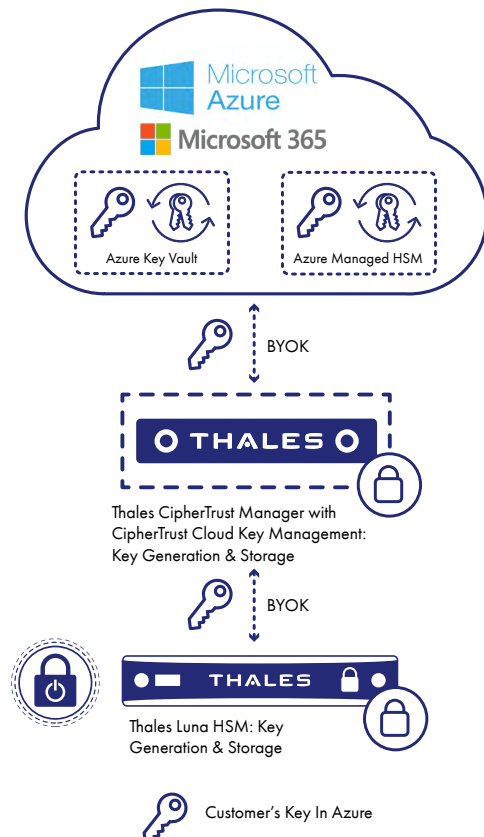# CipherTrust Cloud Key Management Solutions for Microsoft Azure, Azure Stack and M365

Thales enables a versatile, feature-rich implementation, providing Microsoft customers with choices on how to manage their data and their encryption keys. CipherTrust Cloud Key Management (CCKM) increases efficiency, reduces key management complexity and reduces operational costs by giving customers lifecycle control, centralized management and unparalleled visibility of cloud encryption keys, certificates and secrets.

Accelerate Time to Compliance

Regulators and auditors require organizations to have control of regulated and sensitive data along with the reports to prove it. The centralized and extensible nature of the platform enables new controls to be added quickly through the addition of licenses and automated deployment.

- Originate secure keys on CipherTrust Manager, Luna Network HSM or Azure Dedicated HSM
- Fulfill internal and industry data protection mandates with optional FIPS 140-2-certified hardware
- Deliver compliance, best security practices and control of your data by separating encryption key control from data encryption and decryption operations. Gain operational insights on encryption key usage with reports and logs provided by CCKM

Microsoft Azure
Microsoft 365

Azure Key Vault   Azure Managed HSM

BYOK

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Thales CipherTrust Manager with
CipherTrust Cloud Key Management:
Key Generation & Storage

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Thales Luna HSM: Key
Generation & Storage

Customer's Key In Azure

Increase Efficiency

CCKM increases efficiency by enabling you to do more with fewer resources. With a single pane of glass, you can manage your keys across regions. Next generation data protection increases efficiency and spans more environments, systems, applications, processes and users.

- Full management of cloud keys enabling centralized multicloud key management for Native and Bring Your Own Keys (BYOK)
- Simplifies Azure Key Vault and Azure Managed HSM Pool discovery and conveniently inventories keys, secrets and certificates
- Automated key rotation with support for expiring keys (applied at the key or Azure Key Vault level), ensuring compliance while saving valuable time
- Metadata is collected and laid out in the same order for every cloud provider, removing the need to look for data in disparate places

Gain Strong Key Control and Security

Decrease the likelihood of human error with centralized key management across hybrid, single- and multicloud environments, including key discovery and management of native cloud keys.

- From a single console, CCKM delivers key generation, reporting, and key lifecycle management that help manage Standard and Premium Azure Key Vaults and Azure Managed HSM pools
- Amplify the benefits of native keys, certificates and secrets by using a robust multicloud platform with outstanding UI
- For quick cloud asset visibility, simplify the inventory of keys, secrets and certificates
- Drive actions for multiple key vaults and Azure Managed HSM pools across subscriptions, regions and Azure clouds.

Meet Organizational Needs with Flexible Deployment Options

CCKM is available in virtual and physical form factors: Virtual CCKM is an all-software offering that can be easily deployed and run in the cloud or on premises and can be found in the Azure Marketplace for fast instantiation. Deployment environments include: public cloud, private cloud, hybrid cloud, and on-premises data center. Physical appliances are available for customers who prefer an on-premises solution.

Customer Outcomes

- Reduce human error and increase governance
- Use with on-premesis, multi-cloud and hybrid scenarios
- One set of people to manage keys across entire estate
- Creates Cryptographic Center of Excellence
- Easily discover all keys

Maximize Choice

You have many options for securing and controlling sensitive data. CCKM integrates with: Microsoft AzureCloud, Azure GovCloud, Azure China, Azure Managed HSMs, Azure Stack HUB/HCI, M365, and all other major cloud providers. [link to CCKM PB]

Tools Support Your Automation Initiatives

RESTful APIs enable DevOps and IT teams to automate CCKM to work with the organization's automation and self-service initiatives.

Thales is Here to Help

Contact Thales or try CCKM for free today to help you assess and define the data protection strategy that best suits your organizational requirements, and for integration guides to help accelerate your deployment.

About Microsoft Azure

The Azure cloud platform has more than 200 products and cloud services designed to help you bring new solutions to life—to solve today's challenges and create the future. Build, run, and manage applications across multiple clouds, on-premises, and at the edge, with the tools and frameworks of your choice.

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.

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