



G-Cloud 15

KEY MANAGEMENT SERVICE

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INTRODUCTION

The Thales Key Management Service solution provides an independent whole lifecycle service for the management of encryption keys to fulfil requirements for safe, compliant and comprehensive key management across multiple clouds, including: Microsoft Azure, AWS, Azure Stack, Microsoft Office365, SAP and Salesforce.com

Features

- Key management centralised from a single pane of glass/browser window
 - Backed by FIPS 140-2 Level 3 certified Luna Cloud HSMs
- Integrates with a wide range of off-the-shelf cloud provider solutions
- BYOK, HYOK, External Key manager (xKS) support - for AWS, Azure, Google and other providers
- Federated login using cloud service credentials
- Automated key rotation
- Existing keys can be synchronised with Thales KMS
- Fully redundant component architectures – delivered, managed and monitored 24x7x365
- Carry out site surveys and develop transition plans/strategies
- Coming soon use cases including: Storage encryption (Dell, HP, Nutanix, AWS, S3), VMWare (vSan, Vsphere), KMIP.

Benefits

- No need to architect/deploy/maintain a high availability cloud KMS on-premises
 - Cloud provider key provisioning
- Centralised Management that can be implemented across all cloud providers
- Whole Life Management through the entire cryptographic lifecycle
- Cloud provider agnostic - migrate easily between cloud providers
- Easy transition. Migrate, synchronising with existing cloud provider keys
- Allows customers to take full control of their key material
- Services offered can be scaled flexibly to support business needs
- Secure, resilient operations. Using specially trained, security cleared personnel
- Pro-active customer support detects issues before they happen

ABOUT THALES

Thales in the UK has been harnessing technology to benefit the nation for over a century. Across all walks of life, you will find us securing and protecting every moment. We develop world-leading capabilities to help our customers think smarter and act faster.

Thales collaborate with partners in both government and industry, providing cutting-edge technologies to the civil and defence markets.

Thales has a significant presence across the UK, with locations strategically positioned in England, Wales, Northern Ireland, and Scotland. This geographic reach enables us to effectively support the diverse needs of local communities while contributing to the economic prosperity of all four nations. Our key facilities, along with several customer-facing sites, extend from the South West of England to Glasgow, reinforcing our commitment to regional investment and development.

The most trusted organisations in the world rely on Thales for cybersecurity solutions that keep critical assets safe. With more than 6,000 cybersecurity experts worldwide, our portfolio protects applications, data and identities, including services that close compliance gaps, detect and monitor threats and strengthen defences.

For further information, please see <https://www.thalesgroup.com/en/worldwide/united-kingdom>


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