

CYBERARK AND THALES: SECURING APPLICATIONS, ENCRYPTING DATA, MANAGING SECRETS

INTEGRATING INDUSTRY LEADING SECRETS MANAGEMENT AND DATA ENCRYPTION SOLUTIONS

CYBERARK SECRETS MANAGER

Centralized enterprise-wide secrets management solution.

- Broadest range of out-of-the-box integrations, simplifies securing:
 - DevOps tools, CI/CD, containers, cloud
 - COTS /ISV, RPA, automation tools
- Conjur specifically designed to secure cloud-native apps & DevOps environments.
 - Uses the container platform's native capabilities for strong authentication.
 - Provides flexible options to simplify how developers secure their application code.
- Part of the CyberArk Identity Security Platform
 - Centrally secures human users, application and machine identities.

THALES CIPHERTRUST DATA SECURITY PLATFORM

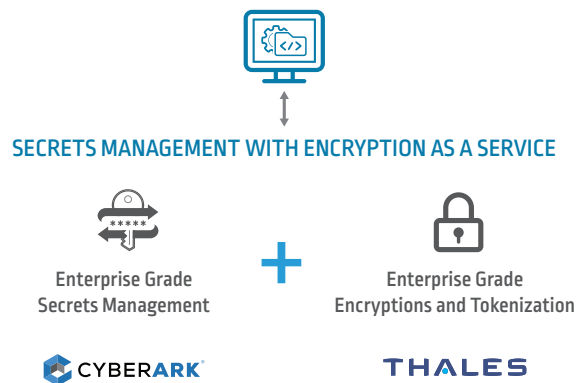
Enterprise scale encryption and tokenization providing:

- Data Discovery
 - Find Data wherever it resides and classify it
- Data Protection
 - Transparent encryption
 - Database protection
 - Application data protection
 - Data tokenization
- Control Access
 - Enterprise key management
 - Cloud key management

The integration of CyberArk Conjur Enterprise Secrets Manger and Thales CipherTrust Data Security Platform (CDSP) provides enterprises with an industry leading enterprise-grade solution for secrets management, encryption and tokenization. Together, this joint solution enables organizations to manage secrets used by applications to securely access resources, while automating the data encryption processes these applications require.

While enterprises may have already secured interactions between applications and other machine identities by controlling access and managing their secrets, organizations also need to secure the underlying data, by encrypting it at rest and in flight. Getting cryptography right takes expertise – for example embedding cryptography in developer’s code and CI/CD needs to achieve the organizations security objectives while also being operationally efficient and convenient for developers.

The CipherTrust Data Security Platform is an integrated suite of data-centric security products and solutions that unify encryption, tokenization, key management and Key Management Interoperability Protocol (KMIP) in one platform. Coupled with the Conjur Secrets Manager, the joint solution simplifies protecting both data and secrets with an integrated approach.



DATA PROTECTION

The CDSP is an integrated suite of data-centric security products and solutions that unify data discovery, protection and control in one platform:

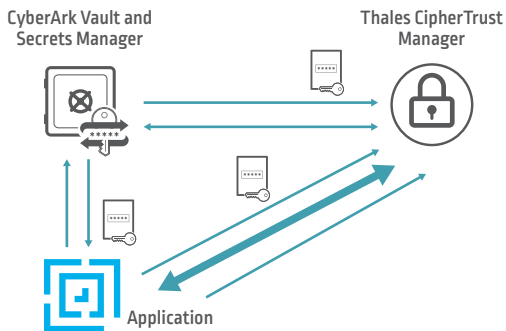
- **Discover:** organizations must be able to discover data wherever it resides and classify it. Data security and compliance starts with finding exposed sensitive data before hackers and auditors. The CipherTrust Platform is designed to enable organizations to get complete visibility into sensitive data on-premises and in the cloud with data discovery, classification, and risk analysis.
- **Protect:** for encryption and tokenization to successfully secure sensitive data, the cryptographic keys themselves must be secured, managed and controlled by the organization. CipherTrust provides comprehensive data security capabilities, including file-level encryption with access controls, application-layer encryption, database encryption, static data masking, vaultless tokenization and vaulted tokenization for a range of data protection use cases.
- **Control:** organizations needs to control access to their data and centralize key management. CipherTrust delivers enterprise key management across multiple cloud service providers (CSP) and hybrid cloud environments to centrally manage encryption keys and configure security policies.

CYBERARK + THALES

- Integrated solution to secure the credentials that applications use to access data and to encrypt the data that is accessed
- Centralized management of application secrets and encryption keys reduces “islands of security”
- Integrated solutions from recognized global industry leaders

TOGETHER: AN INTEGRATED APPROACH TO PROTECTING YOUR DATA

The integration between CyberArk Secrets Manager and Thales CipherTrust ensures that credentials needed to securely encrypt and access data are centrally managed and secured.



A simple example of the integration:

1. An application authenticates to CyberArk Secrets manager utilizing DevOps embedded Authenticator mechanisms.
2. The application retrieves the credential for accessing CipherTrust
3. The Application then logs into CipherTrust and completes the required encryption /tokenization tasks. All application access is authorized, monitored and audited by CyberArk.
4. At the end of the transaction/session, the application either logs out, or CyberArk forces logout /timeout.

About CyberArk

CyberArk (NASDAQ: CYBR) is the global leader in Identity Security. Centered on privileged access management, CyberArk provides the most comprehensive security solutions for any identity – human or machine – across business applications, distributed workforces, hybrid cloud workloads, and throughout DevOps pipelines. The world’s leading organizations trust CyberArk to help secure their most critical assets. To learn more about CyberArk, visit www.cyberark.com.

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 amount 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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