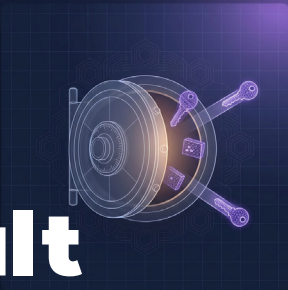


MyID SecureVault

Secure Key & Biometric Storage



MyID® SecureVault is a CA-independent secure key archival and biometric data store. Generate, store and recover RSA and ECC private keys with optional HSM-backed hardware protection, or store encrypted biometric data for downstream identity workflows.

REST APIs available for integration with other solutions. Integrates with MyID CMS for Key Escrow and Recovery management. Integrates with MyID PIV CMS for Biometric data storage.

KEY MANAGEMENT

- REST APIs to
 - Import keys
 - Request key generation
 - Recover keys
- HSM mode: FIPS 140-3 Level 3 certified HSMs supported; keys generated on the HSM
- AES-256 HSM-resident wrapping key
- Software mode: Windows provider, FIPS 140-2 Level 1
- RSA 4096 self-signed encryption certificate (software mode)
- Encrypted data storage
- All events captured in audit log

BIOMETRIC DATA STORAGE

- REST APIs to
 - Import biometric data
 - Recover biometric data
- Encrypted data storage
- All events captured in audit log

DEPLOYMENT OPTIONS

- On premise or private cloud
- Supports Load Balanced/High Availability & DR deployments

TECHNICAL DATA

TECHNOLOGY	VENDOR	PRODUCT
SERVER OPERATING SYSTEM	Microsoft	Windows Server 2022 Windows Server 2019
DATABASE PLATFORM	Microsoft	SQL Server 2022 SQL Server 2019 Azure SQL
	Amazon AWS	RDS for SQL Server
HARDWARE SECURITY MODULES	Entrust	nShield Connect XC nShield 5c
	Thales	Luna Network HSM Thales Data Protection On Demand Luna HSM T-2000/T-5000
KEY ALGORITHMS	ECC P256, P384, P521 RSA 2048, 3072, 4096 RSA 1024 (Import/recover only)	
AUTHENTICATION	OAuth2 (via MyID CMS web.oauth2) Two-way TLS (client certificate) TLS 1.3 supported CORS configurable	
CMS INTEGRATION	MyID CMS 12.13+ (key escrow & ECC from 12.14; multiple instances from 12.16, or 12.13/12.14 with updates) Up to 10 SecureVault instances (CMS 12.16+) Key Escrow (dual CMS system) Biometric storage from CMS PIV 12.17	
BIOMETRIC DATA STORAGE	Fingerprints (INCITS 378, WSQ) Facial Biometric (INCITS 385) Iris Biometric (INCITS 379) EFT (Electronic Fingerprint Transmission)	

Product Version: MyID SecureVault v3.0