

EVIDEN

Modern cloud-ready Key Management System for massive on-the-fly encryption.

Ensuring secure management of keys
and certificates.

Request a demo!



Eviden KMS is a centralized solution for large-scale, on the-fly encryption/decryption, as well as keys and certificates management, offering advanced features and ensuring exclusive access and control at all times.

Enhancing security and sovereignty without compromising performance

- **High-performance:** Massive on-the-fly client-side encryption with unmatched speed-5 million messages encrypted in just 5 seconds on a 10-core standard server.
- **Data encrypted at the source:** Protect your data sovereignty with independent security solutions-no plaintext in public cloud environments.
- **Seamless integration:** Secure sensitive data, including workspace, R&D data, HR information, and electronic communications, without disrupting performance or user experience.
- **Streamlined IT management:** Automate encryption, simplifying server and IT system management, and empowering system administrators to boost productivity and infrastructure efficiency.

Eviden KMS key features

- **Modern lifecycle management for keys and certificates**

Eviden KMS offer cutting-edge features for managing encryption keys and certificates throughout their lifecycle: Key storage ; Key generation ; Key rotation ; Key distribution ; Key usage policies.

- **Advanced Public Key Infrastructure integration**

Integrating seamlessly with external entities, the Eviden KMS facilitates Public Key Infrastructure management beyond the confines of your organization. Whether it's leveraging third-party actors or overseeing key governance, we ensure a streamlined and secure process.

- **Seamless HSM integration**

Eviden kms seamlessly integrates with Hardware Security Modules (HSMs), ensuring the highest level of security for sensitive data while delivering the scalability needed for massive, on-the-fly encryption operations. This powerful combination provides the best of both worlds: the robust protection of hardware-based security at rest and the agility of software-driven encryption at runtime.

- **Embedding standard and modern encryption libraries**

Embracing both standard and contemporary cryptographic algorithms, the Eviden KMS boasts an unparalleled breadth of coverage.

- FIPS 140-3 validated encryption libraries
- Covercrypt: Post-quantum resistance & access policy
- Findex: search encryption

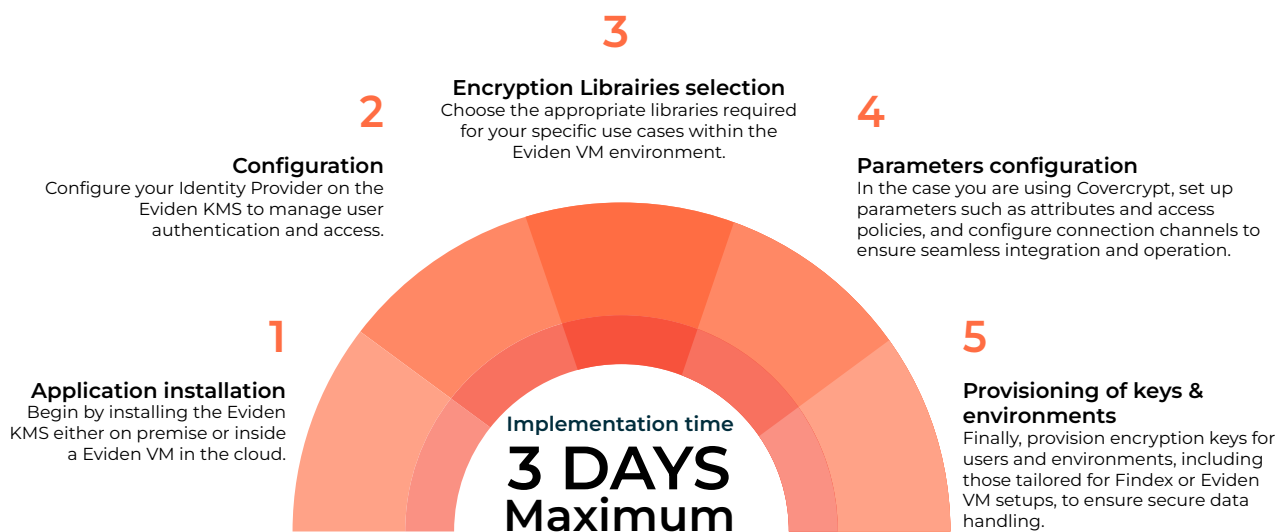


What makes Eviden KMS stand out?

- **Seamless integration**
No need to inject cryptographic libraries into user applications, reducing code modification efforts.
- **Unified management**
Easily manage multiple identity providers, enabling encryption /decryption across various applications and use cases within a single software solution.
- **Enhanced key security**
Keys remain within the kms, eliminating the risk of key loss if a device is lost.
- **Increased reliability**
Developed in Rust, resulting in 70% fewer bugs and enhanced robustness.
- **High scalability**
Easily handle encryption /decryption workload fluctuations with horizontal and vertical scalability.
- **Superior interoperability**
Complies with industry standards like KMIP 2.1, supports PKCS11, offers API readiness, and is compatible with multiple operating systems (Linux, macOS, Windows), and Docker containerization.

How do you connect to Eviden KMS?

Up and running in 3 days max



Ready to start using
Eviden KMS?

Regain control over your data security,
with no impact on performance.

Contact us!

Connect with us



eviden.com

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