

EVIDEN

cryptovision Keymaster

The central key server with high-security key generation

In an increasingly digitized world, businesses and government agencies face the challenge of protecting sensitive information and data from the dangers of the digital world. Cyberattacks, data leaks and unauthorized access are just some of the risks that need to be managed. In this context, virtual key stores are continuously gaining importance. Discover the benefits of a secure and efficient solution that helps you manage the threats of the digital world and protect your organization in the digital age.



Secure storage

Cryptovision Keymaster offers a comprehensive solution for highly secure key management. It enables the secure storage of keys by connecting a hardware security module (HSM) that meets the highest security standards. This storage integration ensures a robust and protected environment for key exchange and protection.



Key recovery

A special feature of cryptovision Keymaster is the ability to provide controllable access to spare keys. Users have the ability to manage duplicate keys or copies of original keys and access them as needed. This ensures flexibility and security when managing keys, especially in scenarios where rapid replacement is required.



Separation of duties

Another meaningful advantage of cryptovision Keymaster is that almost any security concept can be implemented and prepared in an audit-proof manner. The product fulfills compliance guidelines and enables adherence to regulations on the separation of functions and duties. Authentication is performed remotely without transmitting private keys to the end devices. This ensures a secure yet practical solution for accessing keys.



Remote key usage

Cryptovision Keymaster allows keys to be shared among multiple users, even across remote locations. This enables the implementation of group mailbox- and proxy solutions, where keys can be accessed by different users. This feature increases efficiency and improves collaboration within an organization.



Key roaming

The use of private keys is facilitated and optimized with cryptovision Keymaster. Users can download their private keys via a secure online connection and use them on different devices. This enables seamless integration across different work environments and devices without compromising key security.



Powerful solution

All in all, cryptovision Keymaster is a powerful solution for highly secure key management with its secure and versatile functions, which contribute to increased security and efficiency for companies and authorities.

Cryptovision Keymaster represents a secure and efficient solution for companies to manage their key infrastructures in a centralized way.

The following functions form the core of the product:

- » **Generation of key pairs:** Cryptovision Keymaster enables the secure generation of key pairs consisting of a public and a private key. The generation is performed according to strict cryptographic standards and algorithms.
- » **Private key storage and protection:** Private keys used to decrypt encrypted data or for digital signing are stored securely in cryptovision Keymaster. Cryptovision Keymaster provides protection mechanisms such as encryption of private keys with secure algorithms to prevent unauthorized access.
- » **Support for various cryptographic standards and algorithms:** Cryptovision Keymaster is designed to support a variety of cryptographic standards and algorithms.
- » **High flexibility solution:** Cryptovision Keymaster enables the use of keys for both group mailboxes and substitute regulations. This covers a wide range of scenarios, such as holiday replacements, front office access or staff leaving. This not only increases flexibility, but also creates transparency and ensures efficient key management.
- » **Integration with other systems:** Cryptovision Keymaster can be seamlessly integrated with existing IT infrastructures. It provides APIs and interfaces to allow easy integration with other security and communication systems. This enables, for example, the use of cryptographic keys and certificates in email encryption, digital signatures, VPNs (Virtual Private Networks) and other applications.

Supported systems

- » RedHat 8

Supported databases

- » PostgreSQL

Supported browsers

- » Google Chrome
- » Firefox
- » Microsoft Edge

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