Secure your ActivID CMS Keys with Thales Trusted Cyber Technologies Luna Network HSM

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The Challenge

With HID Global's widely deployed ActivID Credential Management System (CMS), you get a versatile and comprehensive solution to manage all your secure access needs. From credential issuance to full lifecycle management, HID Global provides all the components your organization needs to build a fully-trusted system that utilizes digital identities on smart cards and USB tokens. Built into the ActivID CMS component is a complex security infrastructure that makes use of state-of-the art encryption techniques to ensure that sensitive data is secured at all times. Whether used to encrypt the user database, or to secure the transport of data, the keys used during the encryption process become the keys to the kingdom. That being the case, how do you protect these keys that are at the root of the security infrastructure?

The Solution

HID Global understands this challenge so well that they require the use of Hardware Security Modules to protect these keys. Thales Trusted Cyber Technologies (TCT) Luna Network HSM meets this challenge head on for HID Global's U.S. Government customers. As a hardened appliance certified to meet the stringent FIPS 140-2 Level 3 security requirements, the Luna Network HSM protects these keys from the most sophisticated of attacks. In addition, the Luna Network HSM provides ActivID with a hardware-based solution for key generation and key derivation, thus offloading the processing-intensive crypto operations associated with card issuance. Offering high availability, secure audit logging, and secure management, the Luna Network HSM HSM provides all the features necessary to meet the strictest of compliance and fail-safe mandates the government requires.

Key Benefits

Trusted U.S.-based Source

Thales TCT develops, sells, manufactures, and supports our core data security solutions solely within the boundaries of the U.S., thus providing a completely trusted U.S.- based source.

Hardware Protection of Keys

Luna Network HSM provides secure key storage in a FIPS 140-2 Level 2 or Level 3 validated device, depending on selected configuration.

Robust High Availability

Multiple Luna Network HSMs can be grouped together to provide high availability, load balancing and scalable performance.

Flexible Backup and Recovery Options

Luna Network HSM provides secure, auditable and flexible options to simplify backup, duplication, and disaster recovery.

Secure Management

Luna Network HSM supports secure local and remote management with the use of a PIN Entry Device providing two-factor authentication.

About HID Global

HID Global powers the trusted identities of the world's people, places and things. We make it possible for people to transact safely, work productively and travel freely. Our trusted identity solutions give people convenient access to physical and digital places and connect things that can be identified, verified and tracked digitally. Millions of people around the world use HID products and services to navigate their everyday lives, and over 2 billion things are connected through HID technology. We work with governments, educational institutions, hospitals, financial institutions, industrial businesses and some of the most innovative companies on the planet. Headquartered in Austin, Texas, HID Global has over 3,000 employees worldwide and operates international offices that support more than 100 countries. HID Global® is an ASSA ABLOY Group brand. For more information, visit www.hidglobal.com.

About Thales Trusted Cyber Technologies

Thales Trusted Cyber Technologies, a business area of Thales Defense & Security, Inc., protects the most vital data from the core to the cloud to the field. We serve as a trusted, U.S. based source for cyber security solutions for the U.S. Federal Government. Our solutions enable agencies to deploy a holistic data protection ecosystem where data and cryptographic keys are secured and managed, and access and distribution are controlled.

For more information, visit www.thalestct.com