Revolutionary Cybersecurity Solutions To Protect Your Data and Critical Keys

Combining the security of nCipher HSMs with the power of Fornetix VaultCore

Key Management Is the Biggest Roadblock to Effective Encryption

Current encryption is deployed in isolated silos across disparate business units, applications, and hardware. Without advanced key management, these silos become a security administrator's nightmare — consuming time, ruining budgets, and putting data at risk of compromise.

What if Automation and Scalability Could Lift These Burdens?

As seen below, the conventional key management lifecycle is arduous and resource-intensive, endangering your data protection goals. VaultCore is a truly nimble solution that enables the full power of encryption by automating and scheduling the most burdensome tasks of a comprehensive encryption strategy.

Benefits of a Secure and Orchestrated Encryption Strategy

The combination of VaultCore and nShield hardware security modules (HSMs) offer unprecedented enterprise-grade key lifecycle management and automation capabilities in a highly-secure FIPS 140-2 Level 3 certified platform. nCipher nShield HSMs can be deployed on-premises or as a service, freeing up critical talent and resources to accelerate your organization's security.
Ease of Integration

- Turnkey solution installs in minutes and enables rapid deployment and realization of benefits without disruption
- Compliance with Key Management Interoperability Protocol (KMIP) reduces costs and ensures future-proof investment
- RESTful Services integrate VaultCore with existing enterprise systems

Automation & Scalability

- Granular key management down to the device and entity level
- Scalability to manage hundreds of millions of encryption keys
- VaultCore allows policy creation, compositions, and job execution to automate management
- Automated encryption lowers IT workload and reduces costs from attacks and breaches
- Perform all aspects of VaultCore through easy-to-use web interface

Cryptographic Security

- nShield HSMs provide a hardened FIPS 140-2 Level 3 security boundary for cryptographic functions
- Certified for all leading algorithms including Suite B and elliptic curve cryptography (ECC)
- Controlled access to Fornetix web-based user interface on user privilege basis

Deployment Methods

### Network-Attached HSM:

- VCH-2000 (2U) + nShield Connect (1U)
- VCH-1000 (1U) + nShield Connect (1U)
- VaultCore Virtual Appliance + nShield Connect (1U)

### Embedded HSM:

- VCH-2000 (2U) + nShield Solo (PCIe)

### As a Service HSM:

- VCH-2000 (2U) + nShield as a Service
- VCH-1000 (1U) + nShield as a Service
- KO Virtual Appliance + nShield as a Service

About Fornetix

Fornetix VaultCore is a groundbreaking cybersecurity solution designed to unleash encryption’s full potential by simplifying key management. Fornetix empowers organizations to build a data security strategy with encryption as the strong foundation. Safeguard sensitive information with a system backed by granular policy tools, user access controls, and powerful automation. VaultCore is a scalable and flexible solution that can manage hundreds of millions of encryption keys while integrating seamlessly with existing technology investments.

About nCipher

nCipher Security, an Entrust Datacard company, is a leader in the general purpose hardware security module (HSM) market, empowering world-leading organizations by delivering trust, integrity and control to their business critical information and applications.