

N CIPHER AN ENTRUST DATACARD COMPANY



nCipher and HashiCorp
keep your secrets safe – and
secured

www.ncipher.com



HashiCorp and nCipher partnership

- HashiCorp Vault consolidates secrets used to protect organizational use of infrastructures and applications. By centrally storing, accessing, and distributing dynamic secrets such as tokens, PINs, passwords, certificates, and encryption keys, HashiCorp Vault keeps application data secure.
- nCipher HSMs enhance the security of HashiCorp Vault by establishing a root of trust that protects the master keys that secure centralized secret management.





HashiCorp Vault centrally manages and protects your organization's critical credentials and confidential assets

- Enable use of diverse computing infrastructures
- Secure, store, and control access to your secrets
- Grant, renew, and revoke access to applications
- Facilitate auditing and regulatory compliance



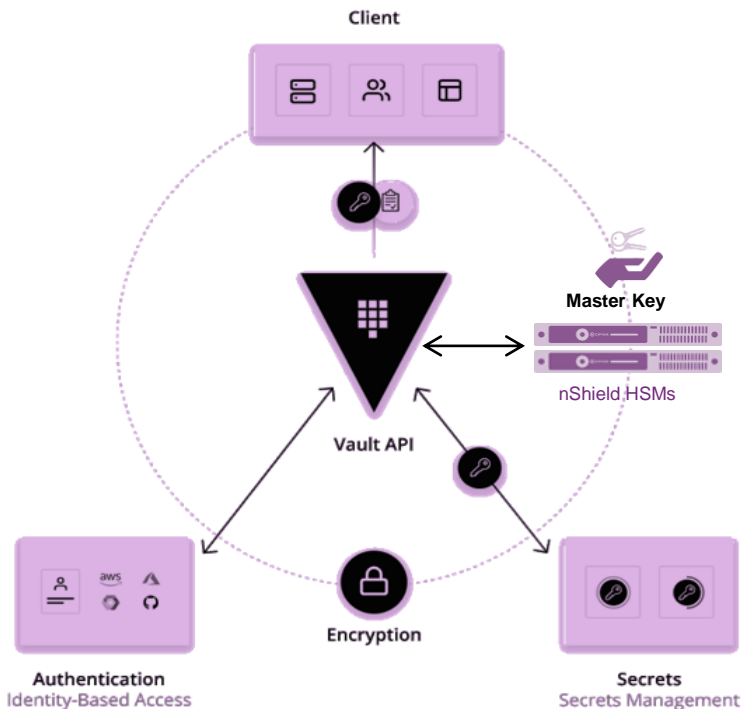
nShield hardware security modules protect and manage critical keys used by cryptographic applications

- Leverage hardware-based security
- Generate and manage master key
- Enforce policy and access controls
- Certified to FIPS 140-2 and Common Criteria

HashiCorp and nCipher enable secure use of computing infrastructure

HARDWARE BASED SECURITY

Critical master keys are protected and managed within the secure confines of a FIPS 140-2 Level 3 and Common Criteria EAL4+ certified HSM, where they are isolated from physical and software attacks



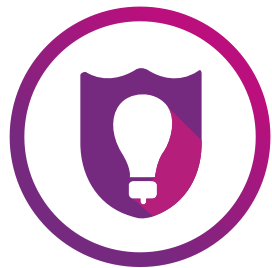
Global customers in banking, financial services, insurance, telecommunications, healthcare, and software development



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nShield Hardware Security Modules (HSMs): A foundation of trust



Highest level of protection for encryption or signing keys



Implement and enforce customer-defined policy



“Harden” applications that use cryptography



Source of high quality random numbers for keys



A hardware security module (HSM) is a certified, trusted platform for performing cryptographic operations and protecting keys

nShield HSM family of products

Cloud integration



nShield Solo

Server-embedded PCIe card

Remote monitoring



nShield Connect

Network attached, shared



nShield Edge

Low cost, portable

Developer packages



Time stamping package



20+

Years of delivering trusted threat protection and enabling compliance



Deep expertise and track record in applied cryptography



HSM market leader with a long history of industry certifications and validation

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**Trust
Integrity
Control**

**Cloud
IoT
Blockchain
Payments**

Solutions delivering trust for business critical applications and information

1000+



Organizations rely on nCipher to secure and support their applications and information

- **57 of the top** Global Fortune 100
- **10 of the top** 20 FTSE 100

Entrust Datacard: a global security & identity leader



\$800M+

REVENUE

2,500+

EMPLOYEES

35

LOCATIONS
WORLDWIDE

Sales &
service in

150+

COUNTRIES

> 80%

of payment cards
worldwide
personalized
with our solutions

690K

websites
secured
globally

45K+

instant issuance
deployments
worldwide

24M+

SWIFT messages
encrypted &
secured daily

25

countries use our
PKI, as well as the
UN, Interpol
& NATO

57

of Global
Fortune 100
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