



ENTRUST



CyberArk Privileged Access Security Solution integrates with Entrust nShield Connect HSMs



Combined solution addresses threats against privileged account credentials

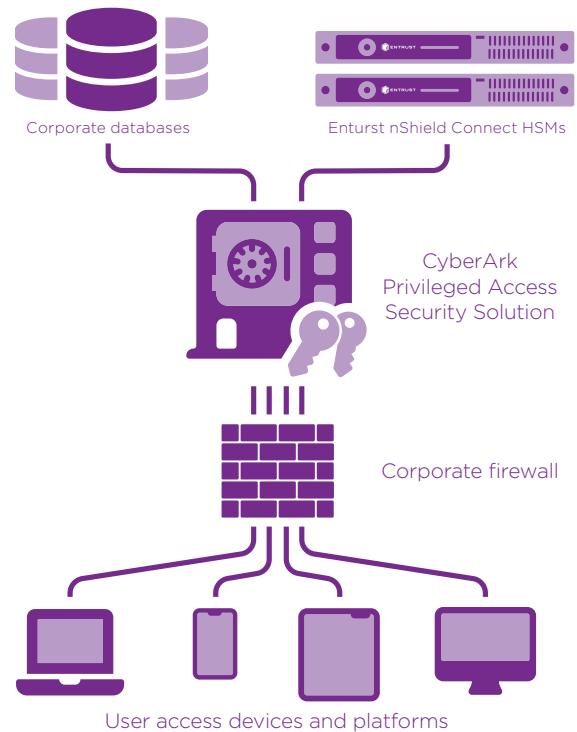
HIGHLIGHTS

- Provide added layer of security to privileged access security
- Protect and manage the critical cryptographic keys automatically
- Facilitate auditing and compliance with data security regulations
- Comply with FIPS 140-2 and Common Criteria security standards

Today's advanced cyber threats exploit insider privileges to attack the heart of the enterprise. Protecting against these sophisticated attacks has been challenging, as they are hard to detect before they start to do irreparable damage. CyberArk has pioneered a new category of targeted security solutions to protect against cyber threats before the attacks can escalate.

The CyberArk Privileged Access Security Solution integrates with Entrust nShield® Connect HSMs (including XC models) to protect and manage encryption keys used

to access safes or files within the CyberArk solution for high assurance security, dual control and high availability.



Entrust nShield Connect HSMs integrate with CyberArk Privileged Access Security Solution to provide an added layer of security for managing keys used to access safes or files within the CyberArk solution.



Providing an added layer of security to privileged access security

The solution: CyberArk Privileged Access Security Solution with Entrust nShield connect hardware security modules (HSMs)

CyberArk Privileged Access Security Solution is an enterprise-class, unified platform that allows organizations to manage and secure all privileged accounts. The solution secures credentials, including passwords and SSH keys, controls access to these accounts, and isolates and records privileged sessions that may assist with auditing and forensics analysis.

Combined with Entrust nShield Connect HSMs, the integrated solution maximizes the security of the cryptographic keys used to access safes or files within the CyberArk Solution.

The nShield Connect HSM is a high performance network-attached device that protects and manages the critical keys used by cryptographic applications. nShield Connect HSMs store keys inside a hardened certified boundary, protecting them from attacks that can lead to compromise and disclosure of sensitive and confidential information. The HSMs provides a proven and auditable way to secure valuable cryptographic material.

Why use Entrust nShield connect HSMs with CyberArk Privileged Access Security Solution?

Entrust nShield Connect HSMs provide a FIPS 140-2 and Common Criteria certified root of trust for keys used by the CyberArk solution. The nShield Connect HSMs:

- Protect keys that encrypt enterprise passwords within a carefully designed cryptographic boundary and manage the keys so they are only used for their authorized purpose
- Ensure availability by using sophisticated key management, storage, and redundancy features to ensure keys are always accessible when needed
- Deliver high performance to support increasingly demanding enterprise requirements

The integration of the CyberArk Privileged Access Security Solution with Entrust nShield Connect HSMs provides an added layer of security. This layer of security protects the management of the encryption keys used to access individual files and safes within the Digital Vault of the CyberArk solution. The Digital Vault database is encrypted using a randomly generated key. As a best practice, and in accordance with the CyberArk Digital Vault security standard, this key should be protected using an HSM.



Providing an added layer of security to privileged access security

CyberArk

CyberArk is the global leader in privileged access security, a critical layer of IT security to protect data, infrastructure and assets across the enterprise, in the cloud and throughout the DevOps pipeline. CyberArk delivers the industry's most complete solution to reduce risk created by privileged credentials and secrets. The company is trusted by the world's leading organizations, including more than 50 percent of the Fortune 500, to protect against external attackers and malicious insiders. A global company, CyberArk is headquartered in Petach Tikva, Israel, with U.S. headquarters located in Newton, Mass. The company also has offices throughout the Americas, EMEA, Asia Pacific and Japan.

www.cyberark.com

Entrust HSMs

Entrust nShield HSMs are among the highest-performing, most secure and easy-to-integrate HSM solutions available, facilitating regulatory compliance and delivering the highest levels of data and application security for enterprise, financial and government organizations. Our unique Security World key management architecture provides strong, granular controls over access and usage of keys.

Learn more

To find out more about Entrust nShield HSMs visit entrust.com/HSM. To learn more about Entrust's digital security solutions for identities, access, communications and data visit entrust.com

To find out more about
Entrust nShield HSMs

HSMinfo@entrust.com

entrust.com/HSM

ABOUT ENTRUST CORPORATION

Entrust keeps the world moving safely by enabling trusted identities, payments, and data protection. Today more than ever, people demand seamless, secure experiences, whether they're crossing borders, making a purchase, accessing e-government services or logging into corporate networks. Entrust offers an unmatched breadth of digital security and credential issuance solutions at the very heart of all these interactions. With more than 2,500 colleagues, a network of global partners, and customers in over 150 countries, it's no wonder the world's most entrusted organizations trust us.

Learn more at
entrust.com/HSM

