



ENTRUST



HID global offers comprehensive risk-based authentication solution with Entrust nShield



Deploy risk based authentication solution to protect your end users and comply with security regulations

HIGHLIGHTS

- Manage risk and protect users and their data with multi-factor authentication
- Ensure compliance whenever strong authentication is required
- Securely optimize end-user experience for digital access
- Digitally sign transaction using mobile authentication or hardware tokens
- Reduce costs with one solution covering all the use cases

The problem: cyber hacking is increasing, regulations are more restrictive, and customers require better user experience

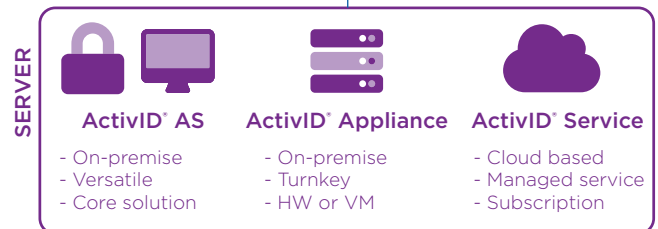
Digital services are growing, and customers like accessing them anytime, anywhere, anyhow. However, to continue seeing growing use on these digital services, organizations need to ensure a high level of security with seamless user experience.

LEARN MORE AT [ENTRUST.COM/HSM](https://www.entrust.com/hsm)

With more demanding and binding regulations (PSD2, GDPR, 23NYCRR500, PCI-DSS, etc.), security must be transparent and effortless.



nShield HSM



HID risk management solution threat and fraud detection



Entrust nShield HSMs integrate with HID ActivID Authentication Server to provide logical and physical protection of keys used to authenticate clients.



A comprehensive risk-based authentication solution

The challenge: securing digital identities and protecting data while improving the user experience

Generally, adding security measures has a negative impact on the user experience; it brings additional friction to the operations. This can have a direct impact on cost, customer churn, support, and lower productivity. To protect the digital identity of their customers without impacting operational performance, organizations need to deploy risk-based authentication solution that increase the level of validation of users only when the environment or transactional setting is considered unsafe.

The solution: risk-based authentication to protect digital identities and assets

With the development of the digital world, there has been an increase in the volume of sensitive data, attracting more and more hackers, and making the ROI of a cyberattack higher. As people have grown more concerned about their privacy, this has put pressure on regulators, and therefore on organizations to limit the usage of data and to insure a high level of security. HID® Trusted Transactions Solution addresses this need.

HID Trusted Transactions Solution is a comprehensive risk-based advanced authentication solution based on HID Multi-Factor Authentication portfolio and HID Risk Management Solution for threat and fraud detection. The turnkey solution allows financial institutions and other organizations to deploy intelligent data-driven authentication methods and optimize the user experience depending on the risk level of the users' environment and transactions.

HID Trusted Transactions Solution enables organizations to maintain high security level along with intuitive user experience to seize new opportunities for growth. The solution is available on premise or as a managed service.

As part of HID Trusted Transactions Solution, the HID ActivID authentication Platform, integrates with Entrust nShield® hardware security modules (HSMs) to provide logical and physical protection of keys used to sign digital certificates and to generate one time passwords.

Why use Entrust nShield HSMs with HID Trusted Transaction Solution?

Integrating HID Trusted Transaction Solution with Entrust nShield HSMs insure a high level of security, protecting cryptographic keys in a separate, dedicated hardware environment. Keys handled outside the cryptographic boundary of a certified HSM are significantly more vulnerable to attack, which can lead to compromise. HSMs are the only proven and auditable way to secure valuable cryptographic material.

By providing a mechanism to enforce security policies and a secure tamper resistant environment, nShield HSMs enables customers to:

- Secure keys within carefully designed cryptographic boundaries that use robust access control mechanisms, so keys are only used for their authorized purpose
- Ensure key availability by using sophisticated management, storage, and redundancy features to guarantee they are always accessible when needed
- Deliver superior performance to support demanding applications



A comprehensive risk-based authentication solution

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.

HID Global

HID Global provides with HID Trusted Transactions, a risk based authentication solution covering not only all banking use cases (online, mobile, call center), but also enterprise use cases such as VPN access and cloud application login. HID Global provides customers a seamless user experience in a secure environment. The purpose built solution:

- Delivers varying authentication levels based on risk
- Improves security while optimizing user experience
- Insures compliance to regulations such as PSD2, 23NYCRR500, 3D Secure, and others

www.hidglobal.com

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



ENTRUST

Contact us:

HSMinfo@entrust.com