

nCipher and Entrust Datacard

Working in partnership to address today's security challenges



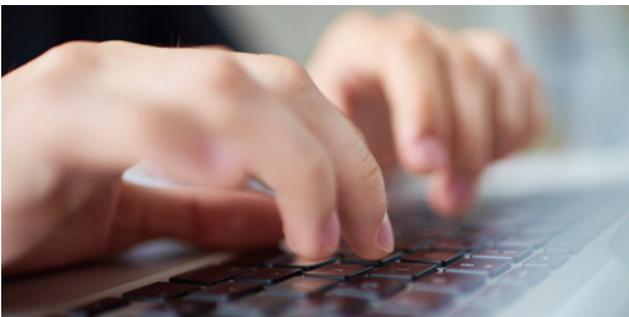
Addressing today's security challenges together

Organizations today are demanding robust, high-assurance solutions to ensure the security of their critical information and defend against an evolving threat landscape. To address these challenges, nCipher and Entrust Datacard have partnered to deliver award-winning, cost-effective solutions for data protection and defense against sophisticated online and internal threats.

ENABLING BUSINESS STRATEGIES

The nCipher and Entrust Datacard global partnership delivers innovative offerings for PKI, key management and identity management. With years of field-proven service and based on FIPS certified hardware security modules (HSMs), our joint solutions provide multiple safeguards to protect information and user identities, increase organizational efficiency, and enable customers to apply comprehensive security policies and procedures that help satisfy stringent regulatory demands.

Our combined solutions protect the confidentiality, integrity and availability of sensitive information that flows through today's traditional, virtualized and cloud-based infrastructures. In the face of diminishing protection by traditional perimeter security mechanisms, they help organizations reduce risk, demonstrate compliance, enhance agility, and pursue strategic goals with greater confidence.



PROTECTING INFORMATION AND IDENTITIES WITH PROVEN SOLUTIONS

Organizations use nCipher and Entrust Datacard products to provide strong authentication for users and to safeguard data at rest, in motion, and in use. Our combined solutions uniquely deliver high assurance protection while maximizing operational efficiency and scalability, adhering to the principles that:

- Data protection and user authentication must be both secure and efficient.
- Data protection strategies must be devised based on a clear understanding of who needs to access it, where it is stored, how and where it moves, and what applications use it.
- Cryptography protects data effectively only if keys are secure and well managed.
- Both logical and physical controls are needed to control access and protect sensitive information. Tamper-resistant hardware adds a critical layer of protection for sensitive applications and information.
- The best data protection and user access strategies minimize compliance cost and complexity.



For further information, technical datasheets and application notes, visit www.ncipher.com

Hardware Security Modules (HSMs) are an integral part of the solution offering. Widely accepted as a best practice for generating and protecting cryptographic keys and for performing encryption and digital signing, nCipher HSMs help organizations overcome the security vulnerabilities and performance challenges associated with software-only cryptography.

The nShield HSM product line offers multiple form factors designed to meet a range of performance needs and deployment scenarios including PKI root key protection, hardware key generation for smart card issuance, high performance cryptographic processing for digital signing applications, and SSL acceleration for web servers.

OFFERINGS AND EXPERIENCE

nCipher and Entrust Datacard best-of-breed solutions include HSM-based on premise or managed Public Key Infrastructure (PKI) and certificate issuance services, and strong user authentication with HSM-enabled credential management.

Entrust Datacard is a world leader in securing digital identities and information, enabling organizations to transform the way they conduct business transactions with customers, partners, and employees. Entrust Datacard's transparent security solutions leverage technologies that can help provide accountability and privacy to online transactions and information.

nCipher is a leading global provider of data encryption solutions that improve the security of applications that rely on encryption and digital signatures. By protecting confidentiality, integrity and availability of sensitive information, nCipher helps organizations safeguard data at rest, in motion and in use, reducing risk and demonstrating compliance.

nCipher and Entrust Datacard share a 10 year history of providing complementary products for the use and protection of digital identities, offering unrivalled experience in developing solutions that meet demanding customer requirements. Our mutual customers include many of the world's largest governments, finance, health care, utility and manufacturing companies. Together we have enabled these companies to defend against sophisticated online and internal threats and deliver data protection in today's ever-changing environment.

About nCipher

Today's fast moving digital environment enhances customer satisfaction, gives competitive advantage and improves operational efficiency. It also multiplies the security risks.

nCipher Security empowers world-leading organizations by delivering trust, integrity and control to their business critical information and applications.

Our cryptographic solutions secure emerging technologies – cloud, IoT, blockchain, digital payments – and help meet new compliance mandates, using the same proven technology that global organizations depend on today to protect against threats to their sensitive data, network communications and enterprise infrastructure. We deliver trust for your business critical applications, ensuring the integrity of your data and putting you in complete control – today, tomorrow, at all times.

About Entrust Datacard

Consumers, citizens and employees increasingly expect anywhere-anytime experiences – whether they are making purchases, crossing borders, accessing e-gov services or logging onto corporate networks. Entrust Datacard offers the trusted identity and secure issuance technologies that make those experiences reliable and secure. Solutions range from the physical world of financial cards, passports and ID cards to the digital realm of authentication, certificates and secure communications. With more than 2,000 Entrust Datacard colleagues around the world, and a network of strong global partners, the company serves customers in 150 countries worldwide. For more information, visit www.entrustdatacard.com.