



**ENTRUST**



# Versasec and Entrust deliver high security smart card management system

The Versasec and Entrust solution is easy to use and provides maximum security, advanced customization options and reliability

## HIGHLIGHTS

- Fast implementation that takes minutes, rather than weeks or months
- Intuitive user interface that improves operational efficiency
- No hidden costs and low total cost of ownership
- Consistently high security level
- Large-scale capabilities, available from day one
- Wide range of customization options

## The problem: keeping data secure

Public Key Infrastructures (PKIs) are increasingly popular and important. That's because of the superior authentication and security they provide. PKIs establish the identity and authentication of users and devices within enterprises by providing a certificate authority (CA) key to each user.

## The challenge: securely managing PKI deployments

Managing the PKI and CAs required for high-level security is critical. Equally important is storing the CA root keys in a dedicated robust hardware environment rather than in far less secure software solution.

This is where Versasec and Entrust comes in.



**LEARN MORE AT [ENTRUST.COM/HSM](http://ENTRUST.COM/HSM)**

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## **The solution: Versasec's vSEC:CMS S-Series and Entrust nShield hardware security modules (HSMs)**

vSEC:CMS S-Series uses CA keys to create an identity for a user, and then stores it on dedicated Entrust nShield® HSMs.

The vSEC:CMS S-Series is an innovative, easily integrated and cost-effective smart card management system that helps organizations deploy and manage smart cards quickly and efficiently. The vSEC:CMS S-Series is client-server based. It streamlines all aspects of smart card management by connecting to other components of the PKI system, such as the Entrust HSM, for reliable and easy management. The S-Series is designed for several operators and users working in parallel without the need for synchronization; each operator requires access to the operator application and the operator's smart card only.

Entrust offers its XC series of the nShield HSM family of general purpose HSMs, supporting the world's fastest cryptographic algorithms and safeguarding high-volume sensitive data transactions. The Entrust family of nShield HSMs support a wide array of APIs and operating systems, enabling use with virtually any business application, from identity management, web services and database encryption, to tokenization, PKI services and strong authentication.

The partnership between Versasec and Entrust lets customers manage and authenticate a highly secure, customizable and easy-to-use PKI system.

## **Why use Entrust nShield HSMs with Versasec's vSEC:CMS S-Series?**

Encryption keys handled outside the cryptographic boundary of a certified HSM are significantly more vulnerable to attack, which can lead to compromise of critical keys. HSMs are the only proven and auditable way to secure valuable cryptographic material. The Entrust nShield HSM integrates with vSEC:CMS to provide protection of keys using physical and virtual methods such as virtual smart card, physical smart cards and other storage devices. The combination delivers an auditable method for enforcing security policies. By providing a mechanism to enforce security policies and a tamper resistant environment, customers can easily authenticate and manage their identities securely. Entrust nShield Connect HSMs enables important security measures for vSEC:CMS customers:

- 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 by vSEC:CMS
- Deliver superior performance to support demanding vSEC:CMS applications



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## About Entrust

Entrust is a leader in the general purpose HSM market, empowering world-leading organizations by delivering trust, integrity, and control to their business critical information and applications. By using the same proven technology customers depend on today to protect against threats and meet compliance, Entrust underpins the trust of tomorrow.

## About Versasec

Versasec is an identity and access management (IAM) provider that helps businesses of all sizes manage their access-enabling devices. Versasec's award-winning products include: vSEC:CMS S-Series, K-Series, A-Series and more. These solutions provide:

- Fast installation and integration
- No (or limited) need of dedicated hardware
- Intuitive and efficient user interface
- Highest security levels
- No hidden costs

[www.versasec.com](http://www.versasec.com)

## Learn more

To find out more about Entrust nShield HSMs visit [entrust.com/HSM](http://entrust.com/HSM). To learn more about Entrust's digital security solutions for identities, access, communications and data visit [entrust.com](http://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**



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