



Secure TrustManager

Smartcard and Token Management Solution for Large Enterprises

Maximum Security

Smartcard and token-based solutions provide the highest level of security for electronic transactions and access control. Secure TrustManager provides all the functions necessary for issuing and managing digital certificates and security tokens for large distributed organizations, using components such as:

- > Distributed Registration Authorities (RA) for end-user registration
- > Generation and management of keys and certificates
- > Issuing and management of smartcards and soft tokens
- > Self-service help services to help users with card problems
- > Bulk operations to efficiently issue large quantities of smart cards (e.g., for initial rollout)

Secure TrustManager is optimized for large distributed organizations, providing standard interfaces for easy integration with existing IT environments such as third party certification authorities, corporate directories, and human-resource databases.

Innovative Smartcard-Management

Secure TrustManager represents a pioneering step in the provision of token-based security solutions.

Users can be registered and cards issued at a number of different locations. For large-scale deployment, companies can use a personalization service.

Secure TrustManager enterprise can operate with the integrated Certification Authority (CA) or through a connector with other CA's such as Microsoft Server 2008 Enterprise CA, VeriSign OnSite CA, Telesec Mailpass CA.

Through the integrated policy-based key recovery functions, smartcards are supported efficiently throughout their lifetime. Users who have lost or forgotten their smartcard can be issued temporary cards with a limited period of validity. These day cards can then be recycled and be reused again.

A wide range of smartcards and USB tokens are supported through the PKCS#11 interface, including high-security smartcards complying with the ITSEC E4 security standard, as well as Java cards (based on a PKCS#15 applet).



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High Level of Availability

Secure TrustManager makes it easy to manage smartcards within companies. The innovative card management solution significantly raises the level of card availability because card problems are fixed online or offline by self-service help services, maximizing user convenience and acceptance.

Tangible Security

Smartcards and certificates provide users with transparent and secure access to all their applications using strong authentication. They also enable the implementation of integrated security concepts for applications such as:

- > Secure E-Mail
- > File and folder encryption
- > Secure network communication
- > Secure Single Sign-On
- > Digital signatures and E-commerce

Through the security features of the smartcard, a very high level of security can be reached (up to the "ITSEC E4 high" security level, depending on the smart card used).

Why Secure TrustManager Enterprise?

Secure TrustManager simplifies the deployment and operation of smart cards and security tokens in large enterprises. It provides:

- > Innovative smartcard and token management
- > Cost reduction through powerful decentralized or centralized help-desk services
- > Broad support for multifunctional smart cards, JavaCards, and soft tokens
- > Easy integration into existing IT infrastructure (e.g., integration with Corporate Directory)
- > Connectors to the most common CAs (e.g., MS Enterprise CA, VeriSign OnSite CA, Telesec MailPass CA)
- > Management of tokens and certificates throughout their lifetime
- > Support for temporary replacement card if users have forgotten or lost their card
- > Policy-based key recovery and support for key history
- > Decentralized system architecture for worldwide operation
- > Support for card personalization service for fast initial rollout



Features:

Operating Systems:

- MS Windows Server 2000/2003/2008

Standards:

- Certificates CRL: X.509

Certificate requirements:

- PKCS#10

Soft Tokens:

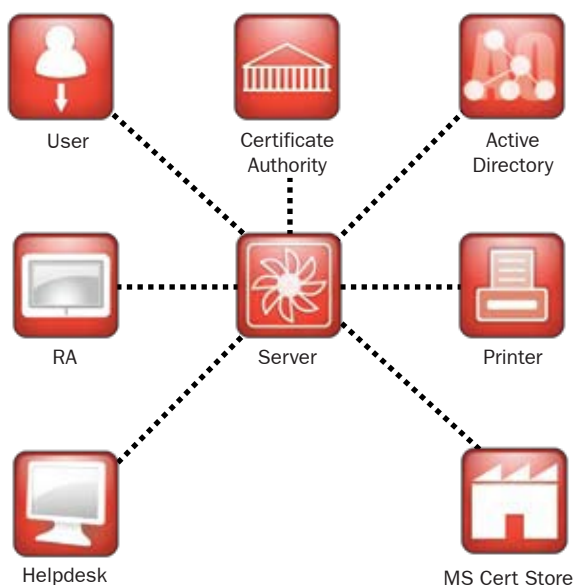
- PKCS#12

JavaCard applet:

- PKCS#15 LDAP v3

Smartcards and USB-Token:

- Smartcards according to PKCS#11 Standard
- Java cards according to Global Platform specification USB-Tokens according to PKCS#11 and PC/SC Standard



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