vSEC:CMS Enterprise

The management platform for large scale enterprise authentication token deployment.

Token Management

Smart cards are devices that can be used for many purposes, the most important purpose for the enterprise security market, is as identification tokens using PKI digital certificates. For professional smart card use, especially when the smart cards are used as identification tokens, the smart cards must managed during the lifecycle of the devices.

Figure 1: The token lifecycle: Personalization, management and revocation

Personalization tasks include collecting token holder information, generating keys and certificates and loading keys and certificates to the token. Management tasks include unblocking PIN codes, setting new PIN codes, renewing and issuing new certificates. Revocation is generally the end of the lifecycle, but it could also mean that the token can be personalized again. vSEC:CMS Enterprise can handle all the tasks of the smart card lifecycle. vSEC:CMS Enterprise is a smart card management system that can easily be customized for unique workflows.

The Operational Roles of vSEC:CMS Enterprise

vSEC:CMS Enterprise is the token management system that grows as your smart card needs grow. The Role based system means that vSEC:CMS Enterprise administrators can be assigned different tasks, one role can be to input card holder data and another role to approve card orders before cards are personalized. This way there is dual control before a card is personalized.

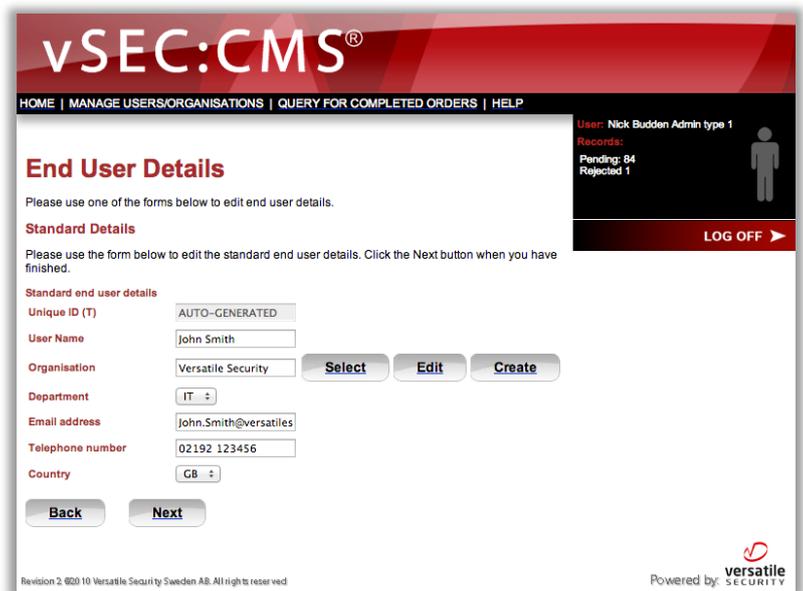## Operational Tasks

Input

The data inputting role can perform:

- Create a token order
- Amend a token order
- Replace a token
- Renew a token
- View order status
- View token holder details and history

Approval

The approval role can perform:

- View orders
- Approve or reject orders
- Digitally Sign orders for personalization

Figure 2: User management

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Figure 3: Home screen

Technical Specifications

Operating Systems (Operator)
- MS Windows Server 2003, 2008, 2012
- MS Windows XP, 7, 8

Browser
- Internet Explorer
- Mozilla Firefox
- Chrome

Security Features
- SSL with client authentication for access control
- Access by two-factor authentication
- OCSP checks of operators
- All transactions digitally signed

Smart Card Readers
- PC/SC readers

Features
- Order tokens
- Replace token
- Renew token
- Revoke token
- View token holder data
- Approve token orders
- Digitally signed orders
- View previous orders
- Dual control of orders
- Inventory management