



## SafeSign Management Server

**SafeSign Management Server is an identity management system that unites the issuing and management of a large variety of authentication and identification technologies.**

**It is a web-browser based application that controls card issuance, the day-to-day administration of users and digital credentials and links to any PKI infrastructure. Its flexible enrolment capabilities can be used to capture data for users ranging from citizens, students, drivers and employees**

### Identity Management

Single platform for managing all users and their digital identities throughout the lifecycle of a range of digital credentials and token devices, including:

- Support for PKI cards, soft certificates, USB tokens and handheld tokens
- Support for contact and contactless cards and biometric technologies

- Integration with a range of CAs enabling users to work with multiple CAs at the same time
- Design and capture user images (e.g. photographs)
- Support for a range of printers and encoders to physically print cards and personalise contact and contactless chip data



# >> SAFESIGN MANAGEMENT SERVER

## Full Lifecycle Management

Manage users and their digital identities providing an extensive range of issuance, post-issuance and administrative functions. Reduces employee time required to carry out tasks as well as minimising the costs involved.

## Flexibility

Flexible architecture that allows organisations to define user roles and access rights in accordance with their security policies.

## Accessibility

Allow users to enjoy faster and more secure access to controlled services and resources whilst maintaining management over authorisation and organisation policies.

## Usability

Easy to use web-based interfaces with workflow assisted processing, guides the user step-by-step through issuance and management tasks – Simplifying administration and eliminating the need for specialist staff or extensive training.

## Interoperability

Leverage existing card infrastructures and user directories to give investment protection and reduced training times.

## Cost Savings

Decreases operating costs by supporting multiple issuance models and all token types simultaneously through one central system. Support for end-user self-service portals minimises time and money spent on help desk calls.

## User Registration

- Users can be registered from locally gathered data or by upload from existing files such as databases or existing LDAP directory services.
- Users can be registered and their digital credentials issued, updated or revoked, locally or from previously stored data managed from a central location.

## System Operation and Management

- All issuance and management services are presented in clear step-by-step tasks. When a user selects an option from the menu they can follow a sequence of simple steps known as a 'workflow' which constitute the overall task.
- Workflows can be customised according to business requirements.
- Access to the system is controlled through definable roles.
- Both administrators and card holders access the same web interface, but are presented with different options based upon their role within the organisation.
- Authorised individuals can define their own business rules and security policies.

## Card Profiles

- Define different types of cards for different types of user, ensuring the right people get the right type of card.

## Multiple Issuing Models

- Support for a variety of different issuance models including Individual (face-to-face), Batch (groups of users), Bureau (large volume), and End-User Self-Service.

## Post Issuance

- Provides a full set of post issuance management functions i.e. disable / enable card, change PIN, request replacement card, suspend / revoke users, providing ongoing maintenance and management of users, their devices and digital credentials.
- Real time update of connected systems (i.e. LDAP, authentication server).
- All system activity is logged into a secure audit database.

## Audit Trail and Flexible Reporting

- Multiple reports can be defined, produced, viewed and printed using the integrated reporting tool.

## SafeSign Family

The SafeSign family of products offers a comprehensive end-to-end security solution. It provides high security issuance, management and advanced authentication of a diverse set of identity credentials in a single solution. All of the SafeSign products integrate seamlessly with each other. Alternatively they can be integrated with other third party products.

**SafeSign Authentication Server** is the authentication component in the Thales SafeSign product suite providing advanced authentication of users, messages and transactions.

**SafeSign Management Server** is an identity management solution for managing users and their digital credentials and issuing authentication devices.



**SafeSign Personal Security Module** is a hardware-based token which offers strong security to authenticate users and transactions in business applications.

**SafeSign Crypto Module** is the hardware security module delivering optimised cryptographic functions specific to the needs of both the SafeSign Authentication and Management Servers.

**For more information on the SafeSign products visit:**

[www.thalesgroup.com/esecurity](http://www.thalesgroup.com/esecurity)



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## Technical Specifications

<b>Supported Server Platforms</b>	Microsoft Windows 2000 Windows 2003
<b>Supported Client Platforms</b>	Microsoft Windows NT, 2000, XP
<b>Supported Web Browsers</b>	Microsoft Internet Explorer 5.5, 6.0
<b>Supported Web Servers</b>	Microsoft Internet Information Server (IIS)
<b>Supported LDAP Directories</b>	Critical Path DCL iPlanet/Sun-One Lotus Domino Microsoft Active Directory Nexor
<b>Supported Databases</b>	Microsoft Data Engine Microsoft SQL Server
<b>Supported PKI Certificate Authorities</b>	Cybertrust Entrust GlobalSign Microsoft RSA Verisign
<b>Supported Smart Cards and USB Devices</b>	Thales SafeSign PSM card ActivCard, Athena Smart Card Solutions, Austria card, Axalto/Schlumberger, Datakey, Gemplus, Giesecke & Devrient, IBM, Oberthur, ORGA, Rainbow, Siemens
<b>Supported Card Platforms</b>	Proprietary Crypto Chip Cards iClass Java Card MIFARE Open Platform
<b>Supported Standards</b>	ASP, 3-DES, COM+, Global Platform, HTTP, HTTPS, Identrus, JCOF, LDAP, Mifare, OCSP, ODBC, Open Platform, PKCS #7, PKCS #10, PKCS #11, RSA, SHA-1, SQL, SSL, X.509, XKMS, XML
<b>Supported Card Printers</b>	Datacard - SP35, SP55 and Magna Series Fargo - DTC 500 Series and HDP 800 Series
<b>Supported Authentication Servers</b>	Thales SafeSign Authentication Server Supports other third party authentication servers – more information available on request
<b>Supported Hardware Security Modules (HSM)</b>	Thales SafeSign Crypto Module Supports other third party HSMs – more information available on request

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