



FLEXIBLE SECURITY

# SafeSign Identity Client for SafeGuard Enterprise

Your central key to data security using USB tokens or smart cards

## SOPHOS

### SafeGuard Enterprise

SafeGuard Enterprise is a modular security suite that meets all current and future demands on data security. No matter where information is stored, or who it is being exchanged with, SafeGuard Enterprise secures data on mobile and fixed computing devices, on removable media, servers and in emails.

With its core component, the centralized SafeGuard Management Center, SafeGuard Enterprise provides you with complete security and management control over all the connected devices and users, including Role-based access, authentication & authorization.

### Business Challenge

The impact of data misuse can be severe and managing data security in complex enterprise environments - across servers,

desktops, laptops and removable media - can be challenging.

To protect your valuable data on hard-disk devices, Power-on Authentication is done in pre-boot to prevent access through circumventing the operating system.

But pre-boot authentication is mostly based on username - password, which is a weak form of authentication. Access to the Management Center needs to be secured as well by a strong authentication mechanism.

### SafeGuard Enterprise and SafeSign Identity Client

The combination of SafeSign Identity Client (IC) with SafeGuard Enterprise enables you to use a strong authentication mechanism based on smart cards or USB

tokens to make sure that you access your data securely.

It safeguards critical data with strong authentication, secure encryption, powerful central management and access control for client PCs, networks and/or applications. A SafeSign IC license is included with your SafeGuard Enterprise license!

### OVERVIEW: STRONG AUTHENTICATION WITH SAFESIGN IC



## BENEFITS

### Strong Power-on Authentication

The sector-based encryption of the system and all its data combined with smart card or USB token based strong Power-on authentication guarantees optimal protection against unauthorized access.

### Broad user base

SafeSign IC is proven to be reliable by over 16 million users worldwide, from consumer to enterprise markets, in all industries where information matters.

### User acceptance

Users only have to authenticate themselves once with a smart card or USB token. After successful authentication, the operating system boots and the high-performance encryption is transparent to the user.

### USB tokens & smart cards

SafeSign IC supports a large selection of USB tokens, smart cards and readers from several vendors.

### License included

A SafeSign IC license is included when purchasing a SafeGuard Enterprise license.



SafeSign IC enforces two- or multifactor security, requiring the end user to have both the USB token or smart card (something you have) and a Personal Identity Number (something you know) or even biometrics. USB tokens and smart cards are tamper-resistant, ensuring that the end user's digital credentials can not be copied, modified or shared. Authentication based on smart cards or USB tokens provides the highest degree of security.

#### Support for different applications

For environments that demand strong authentication, encryption and/or digital signatures, the smart card or USB token can hold X.509 certificates administered and accessed by the SafeSign IC middleware, leveraging the use of your smart card or token to a solution for multiple applications.

#### Card and token management

The SafeSign IC administration utility provides the program administrator with the ability to manage USB tokens, smart cards and the credentials they contain. The administrator can set the card PIN, and unblock the card. SafeSign IC also provides an end user utility, which allows the user to browse certificates or change the PIN.

#### Wide range of devices

SafeSign IC supports a wide range of smart cards and USB tokens from a large variety of vendors. This ensures that you can choose the device meeting your specific requirements, whether you need the highest performance, or the most cost-effective solution.



## PRODUCT SPECIFICATIONS

### SafeSign Identity Client

**Operating system:** Windows 2000/XP/Vista/7, Windows Server 2000/2003/2008, MAC OS X, Linux, Sun Solaris, Windows Mobile, BlackBerry

**Supported standards:** Microsoft CryptoAPI, PKCS#1, 7, 8, 11, 12, 15

**Supported applications:** SafeSign IC middleware supports all CSP or PKCS#11 compliant applications like:

- Secure remote access
- VPN
- Groupware
- Browsers
- PKI / CA
- Encryption software
- Email & file signing
- Single Sign On
- User authentication
- Remote application access
- smart card logon & session logon

A.E.T. Europe B.V.  
IJsselburcht 3  
NL-6825 BS Arnhem  
P.O. Box 5486  
NL-6802 EL Arnhem  
The Netherlands

Phone +31 26 365 33 50  
Support +31 26 365 35 43  
Fax +31 26 365 33 51  
Email [info@aeteurope.nl](mailto:info@aeteurope.nl)

For more information see our SafeSign Identity Client datasheet at [www.aeteurope.com](http://www.aeteurope.com) or contact us

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