



# SafeSign Identity Client for McAfee Endpoint Encryption

Strong encryption with USB tokens and smart cards

## McAfee®

### McAfee Endpoint Encryption

McAfee Endpoint Encryption is a scalable, enterprise-wide security solution that uses strong access control and powerful encryption to prevent unauthorized access to or use of PCs, laptops and tablet PCs, as well as data on their hard disks. It uses preboot protection to authenticate users and supports Single Sign On. It uses algorithms such as RC5-1024 and AES-256 to encrypt data on all storage drives.

Encryption and decryption are transparent to the user and performed on the fly, with virtually no performance loss. Its central management capabilities feature extensive, mandatory security policies, audit functionality and secure recovery.

### Business Challenge

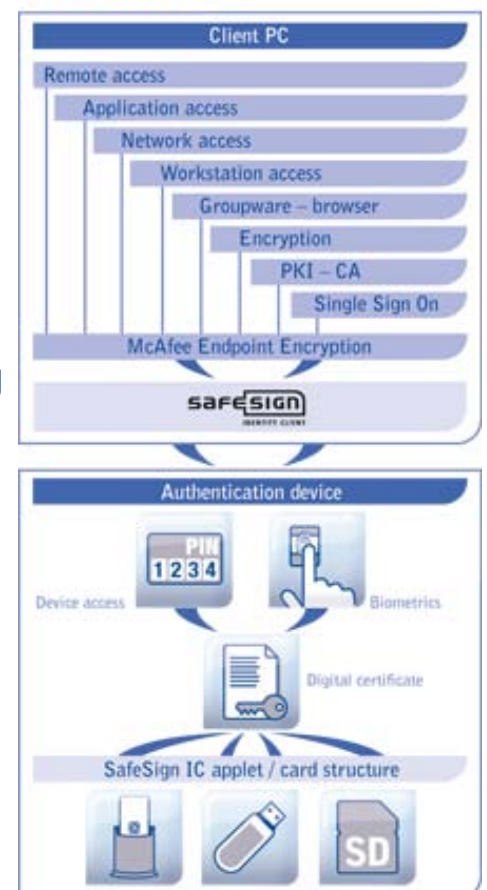
McAfee Endpoint Encryption has made it easier for users to secure critical information. But simply using passwords to authenticate users can still put a company at risk, as the use of passwords, apart from being inconvenient, has well-known and widely published security limitations. For that reason McAfee Endpoint Encryption foresees in its pre-boot authentication function with smart cards and USB tokens, including those types that feature PKI functionality.

### McAfee Endpoint Encryption and SafeSign Identity Client

The combination of SafeSign Identity Client (IC) with McAfee Endpoint Encryption pre-boot authentication offers a unique blend of encryption, authentication and access control for client PCs, networks and/or applications.

SafeSign IC enforces two- or multi factor 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 are not copied, modified or shared.

### OVERVIEW: STRONG AUTHENTICATION WITH SAFESIGN IC



### BENEFITS

#### Broad application support

Enables the use of USB tokens or smart cards by any application supporting digital certificates.

#### ROI

Expands the use of software and hardware without changing smart cards or client infrastructure.

#### Broad user base

SafeSign IC is proven to be reliable by over 17 million users worldwide, from consumer to enterprise markets, in all industries where information matters.

#### Management Utility

Full function management utility allows PIN/PUK changes, PIN unblock, token initialization and import of certificates.

#### Standards based

SafeSign IC supports both Microsoft CryptoAPI and PKCS#11 based applications. Additional standards supported include PC/SC, Java Card, PKCS#12 and PKCS#15.

#### USB tokens & smart cards

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



### 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 smartcard or token to a solution for multiple applications.

### Flexibility without extra costs

Customers are free to start using smart cards with an easy administrable solution for local access control at the McAfee secured client. Later on they can add applications to the smart card or USB token as the demand grows, up to certificates as part of a PKI solution, without having to change the smart cards, USB tokens or client infrastructure.

### Card and token management

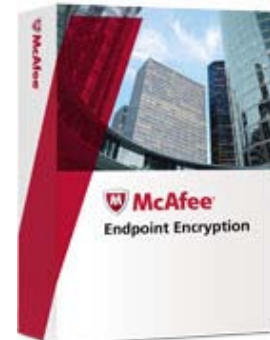
The SafeSign IC administration utility provides the program administrator with the ability to manage USB tokens, smart cards and the credentials they contain. The administrator can set the card PIN, and unblock the card. SafeSign IC also provides an end user utility, which allows the user to browse certificates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



FLEXIBLE SECURITY



## 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)