



FLEXIBLE SECURITY

SafeSign Identity Client

Strong authentication with smart cards and USB tokens



This competent all-rounder in terms of strong authentication, integration and compatibility gives you complete freedom and flexibility. Once rolled out, SafeSign Identity Client (IC) serves as the perfect guard for IT security and enables undreamt-of opportunities for securing your IT infrastructure.

SafeSign IC offers the most comprehensive support available on the market for

(card) operating systems, smart cards, USB tokens, languages and functions.

SafeSign IC currently supports more than 80 smart cards and USB tokens. This means you have sustainable and permanent freedom of choice when it comes to manufacturer independence. Whether you decide to use NXP, G&D, Siemens, Oberthur or Gemalto products.

It is obvious from the above that SafeSign IC supports absolutely all standard software interfaces no matter which PC operating system you or your individual employees prefer, however diverse they may be. But even here we want to be completely sure. Extensive compatibility testing in combination with a strong support team guarantees the correct and continuous operation of smart cards, readers or USB tokens and SafeSign IC.

BENEFITS

Strong authentication & smart card logon support

Enables two-factor authentication/logon to the network, client PC or application, using a USB token, microSD token or smart card.

Session authentication & roaming

SafeSign IC supports session roaming when working in Microsoft Terminal Server, Citrix or Sun environments.

Single Sign On & application support

Enables use of USB tokens or smart cards by any application supporting digital certificates, such as Microsoft, Adobe, Check Point, Citrix and many more.

Secure transactions & information

Supports the use of tokens for other functionality like encryption and digital signing. For example, Microsoft Outlook can be configured to use the certificate on the end user's token to digitally sign email messages, or en- and decrypt emails including attachments.

Standards based

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

Management of certificates & keys

SafeSign IC enables the import of digital certificates and the secure storage of externally generated keys. SafeSign IC also permits applications to initiate key generation directly on smart cards. Thus the key will never leave the token and is not vulnerable to identity theft.

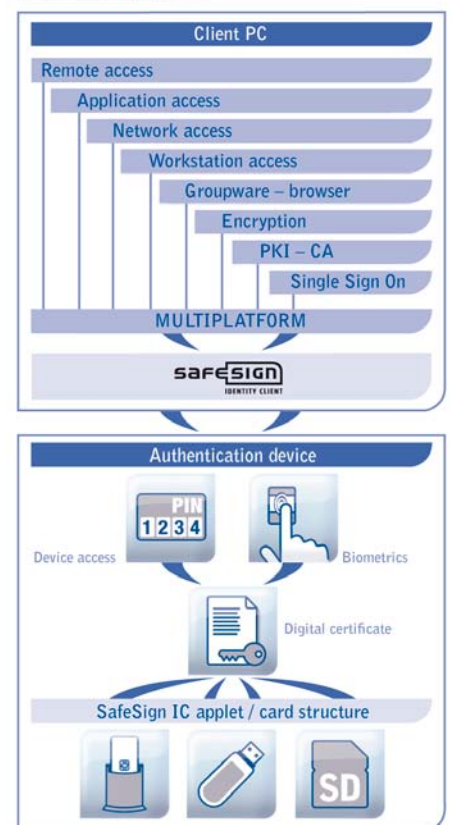
SafeSign Credential Provider

This Credential Provider replaces the GINA in Windows Vista and higher, and offers workstation smart card logon, remote smart card logon and access to SafeSign functions at startup, like PIN changes and token unlock.

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.

OVERVIEW: STRONG AUTHENTICATION WITH SAFESIGN IC



SAFESIGN IC PRODUCT SPECIFICATIONS

Supported operating systems

- Microsoft Windows 2000/XP/2003 & 2008 Server/Vista/Windows 7/CE/Mobile/Pocket PC
- MAC OS X
- Linux
- Sun Solaris
- BlackBerry

Both 32 & 64 bit versions of relevant OSES are supported.

Card readers

PC/SC compliant smart card readers, like:

- OMNIKEY
- Gemalto
- Cherry
- SCM Microsystems

Supported tokens

A token is a chip with an on-board operating system either integrated into a smart card with ISO 7816 interface or integrated into a device with USB interface (USB token). SafeSign IC supports tokens with:

- Java Card OS 2.1.1/2.2+ like IBM/NXP, Giesecke & Devrient, Gemalto, Oberthur.
- Proprietary card OS like STARCOS, Multos, TCOS, CardOS.

Supported thin client software

- Citrix
- Microsoft
- Sun Ray

Interfaces

- PKCS#1,7,8,11,12,15
- CSP for Microsoft CryptoAPI

Supported applications

SafeSign IC middleware is the ideal software for using all important technologies in the field of IT security. It 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
- Workstation access
- Network access
- Wireless network access
- Application access

For details please contact us or visit our website.

SafeSign Identity Client Compatibility Proof

SafeSign IC offers flexibility and guaranteed compatibility, whether...

- for administrators, system integrators, secretarial staff or other users.
- you use smart cards with card readers, USB tokens or microSD tokens.
- Windows, MAC OS X, Linux, Windows Mobile, BlackBerry or Sun is implemented.
- browsers, email clients, VPN clients, data encryption or Single Sign On are in place.
- Chinese, German, English, Finnish, or many other languages are needed.
- token initialization, PIN/PUK modification or individual adaptation are needed.
- Microsoft CryptoAPI (CSP), minidriver, PKCS#11, PKCS#12 or PKCS#15 are used.



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