



FLEXIBLE SECURITY

# SafeSign Identity Client for Citrix

## Secure Logon for Citrix XenApp using USB tokens and smart cards



### Citrix XenApp

Citrix XenApp is an end-to-end application delivery system offering both application virtualization and application streaming to enable the best access experience for any user, with any device, working over any network. With XenApp, organizations can centralize applications and data in secure data centers, reducing costs of management and support, increasing data security, and ensuring fast, reliable performance.

### Business Challenge

While Citrix XenApp has made it easier for users to securely access critical information, simply using passwords to authenticate Citrix users can still put a company at risk.

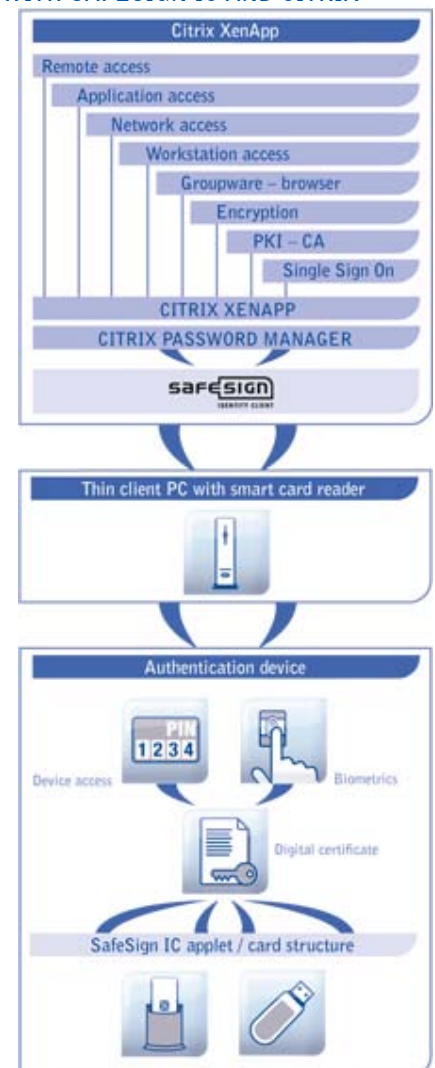
Once a session is opened, users want to securely authenticate to applications and even switch workstations while continuing the same session.

### SafeSign Identity Client

SafeSign Identity Client (IC) enhances the Citrix platform by enabling strong, two-factor logon authentication to a Citrix XenApp session, ensuring the highest security and mobility, as well as simplifying the authentication process for end users. SafeSign IC enforces two-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).

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 AND CITRIX



### BENEFITS

#### Session authentication & roaming

Enables users to switch workstations but continue in the same session (session roaming).

#### 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 14 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.



### Citrix smart card logon

SafeSign IC supports logon to Citrix XenApp, XenApp clients as well as the Web Interface and Citrix Password Manager. During the logon process, the end user inserts his/her smart card into the smart card reader. SafeSign IC then prompts the user for his/her Personal Identity Number (PIN). The user's certificate is presented, and if the certificate and the associated user account are valid, the user is authenticated and logged on to a Citrix session.

### Published Citrix applications

In addition to logging on to the Citrix session, SafeSign IC also supports smart card use by all published applications that support certificates. For example, Microsoft Outlook can be configured to use the certificate on the end user's smart card to digitally sign email messages, and en- or decrypt emails and attachments.

### Session authentication & roaming

SafeSign IC supports roaming sessions for strong authentication within a Citrix environment, independent of the smart card reader or operating system used.

### 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.



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## 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

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