



SafeSign IC strong authentication bundles

Cost effective and flexible security



Strong authentication is essential

The use of computers and Internet nowadays is part of our society. All our corporate and private information is available if you have the correct credentials. The use of username / password is not enough to secure this; you need strong authentication to prevent unauthorized access to your data.

SafeSign Identity Client

AET's strong authentication solution SafeSign Identity Client (IC) is the market leading middleware solution for smart cards and USB tokens with already more than 17 million users worldwide.

SafeSign IC supports the standard PKCS#11 as well as Microsoft Crypto-API and thus enables you to use strong authentication for most of today's applications without the installation of additional authentication servers, software and plug-ins. You just install SafeSign IC on the client PC to make a certificate based network or terminal server logon possible, e.g. using the already available components in Windows 2000/2003 server.

Nowadays even most of the web browsers, VPN, Single Sign on and encryption solutions support PKCS #11 or CryptoAPI and can seamlessly use the same smart card or USB token.

SafeSign IC promo bundles

The SafeSign IC promotional bundles offer a strong certificate based authentication solution, which can easily be implemented in existing environments and can be used for Windows Logon and with all major security applications.

AET offers you a 5 user starter package for only 265 Euro*, containing:

- SafeSign Identity Client for Windows
- SafeSign Identity Client for Linux
- SafeSign Identity Client for MAC OS X
- 3 years of maintenance & support
- 5 Marx CryptToken MX2048-JCOP USB tokens, or
- 5 JCOP41 SafeSign smart cards with OMNIKEY 3121 USB smart card readers
- Documentation and manuals

Per user bundles are also available.

* This offer is valid until 31 December 2010

BENEFITS

SafeSign Identity Client

Multiple OS support
Support for Windows (32 & 64 bits), Linux and Mac OS X. Guarantees a flexible use over different platforms and in heterogeneous environments.

Multiple language support
SafeSign IC supports multiple languages including Japanese, French, English and Chinese. It is the best choice for global operating companies.

Maintenance & Support
The maintenance and support agreement entitles you to email and phone support during working hours and unlimited updates and upgrades during the validity of the contract.

JCOP smart card

Java Card
A powerful Java Card operating system, offering RSA 2048 bit key support. It is one of the fastest card operating systems in the world.

Optional integration physical access
A physical access chip like MIFARE, DESFIRE or LEGIC can be included in the smart card, ideal for a combination of physical and logical access.

Certification
Certified according to Common Criteria.



PRODUCT SPECIFICATIONS

CrypToken MX2048-JCOP

Operating system: Windows 2000/XP/Vista/7, MAC OS X, Linux

Smart card chip: NXP SmartMX

Internal operating system: JCOP smart card

Memory: 72K EEPROM capacity, write/erase cycles: >500000, data retention time: > 20 years

On board security algorithms: RSA (up to 2048 bit), 3DES, AES, ECC, SHA

Casing: Metal designer case, LED (duo color green/red), eye for key chain

Dimensions: 13 x 8 x 35 mm, weight 9.25 g

Certifications: Common Criteria EAL 5+, EMV2000, CE



Strong authentication & smart card logon support

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

Session authentication & roaming

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

Single Sign-On & application support

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

Management utility

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

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



Secure transactions & information

Supports the use of tokens for other functionality like encryption and digital signing. For example, MS 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.

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.

Standards based

SafeSign IC is based on well-established industry standards, ensuring interoperability with the largest possible range of applications and devices.

JCOP smart card



Smart card chip: NXP SmartMX

Internal operating system: JCOP smart card

Memory: 80K EEPROM capacity, write/erase cycles: >500000, data retention time: > 20 years

On board security algorithms: RSA (up to 2048 bit), 3DES, AES, ECC, SHA

Certifications: Common Criteria EAL 5+, EMV2000, CE

OMNIKEY CardMan 3121

Connection: USB 2.0

Drivers: PC/SC 2.01, CT-API, Sync-API



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