



FLEXIBLE SECURITY

SafeSign Identity Client for Adobe Acrobat Pro

Secure your PDF using smart cards or USB tokens



Adobe Acrobat Pro

Adobe Acrobat Pro helps to protect documents and accelerate information exchange with PDF. It contains several security features using certificates:

Sign a PDF

Signing a PDF indicates approval. A PDF can be signed more than once and by more than one person. If a document is signed, the digital signature appears in the signature field.

Certify with signature

When a PDF is certified, it indicates that the user approves of its contents. Only the first person to sign a PDF (most often, the author) can add a certifying signature. Certifying with a digital signature confirms the identity of the sender and protects the document from being tampered with.

Verify a signature

By default, signatures are validated when a PDF is opened. An icon appears in the signature field on the document page to indicate the signature status.

Encrypt with certificate

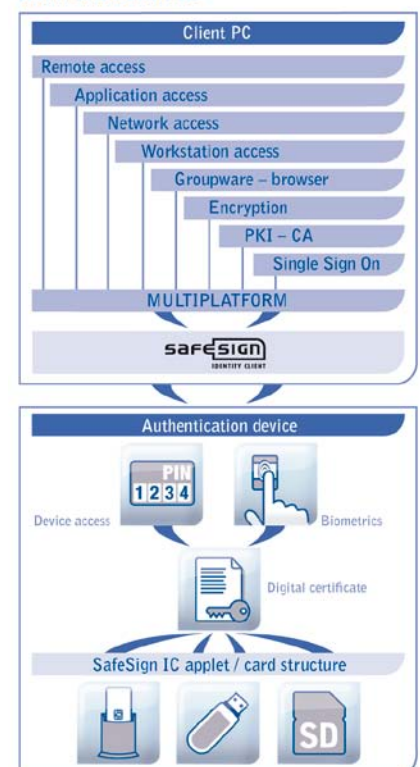
Encryption protects a document so that only the recipients can view it. A user can specify the document components to encrypt and the level of encryption, set permissions for printing & editing and list the recipients. For signing and encryption a digital certificate is needed.

SafeSign IC & Adobe Acrobat Pro

The certificate should be kept private. To securely store the certificate a smart card or USB token is used, in combination with SafeSign Identity Client middleware to function as a bridge between

the certificate and Adobe Acrobat Pro. 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 physically and logically 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.

OVERVIEW: STRONG AUTHENTICATION WITH SAFESIGN IC



BENEFITS

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.

ROI

Expand the use of your software and hardware without changing smart cards, USB tokens 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 the security of information matters.

Strong authentication & smart card logon support

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



Support for different applications

In environments with demand for strong authentication, encryption and/ or digital signatures, the smart card or USB token can hold X.509 certificates administered and accessed by the SafeSign Identity Client 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 or USB tokens with an easy administrable solution for signing and encrypting documents at the client. Later on they can add applications to the smart card or USB token as the demand grows, 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's PIN, unblock the card, import and delete digital certificates and keys, and set root certificates.

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 the user can choose the device that meets his/her specific requirements, whether he/she need the highest performance, or the most cost effective solution.



ADOBE ACROBAT PRO CERTIFICATE FEATURES

Secure PDF documents

Help protect PDF documents with 256-bit encryption.

Certify PDF documents

Use digital IDs to certify documents, signifying that they came from a trusted source.

Sign documents digitally

Apply digital signatures to authenticate documents, manage their status, and help protect against unauthorized modification.

Protect attached files Enhanced

Help protect all the documents in your PDF Portfolio with 256-bit encryption.

Include Adobe Reader users

Extend digital signature capabilities to anyone using free Adobe Reader software (version 8 or later).



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For more information see our SafeSign Identity Client datasheet at www.aeteurope.com or contact us

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