

PRODUCT



Encryption



Authentication



Digital Signatures



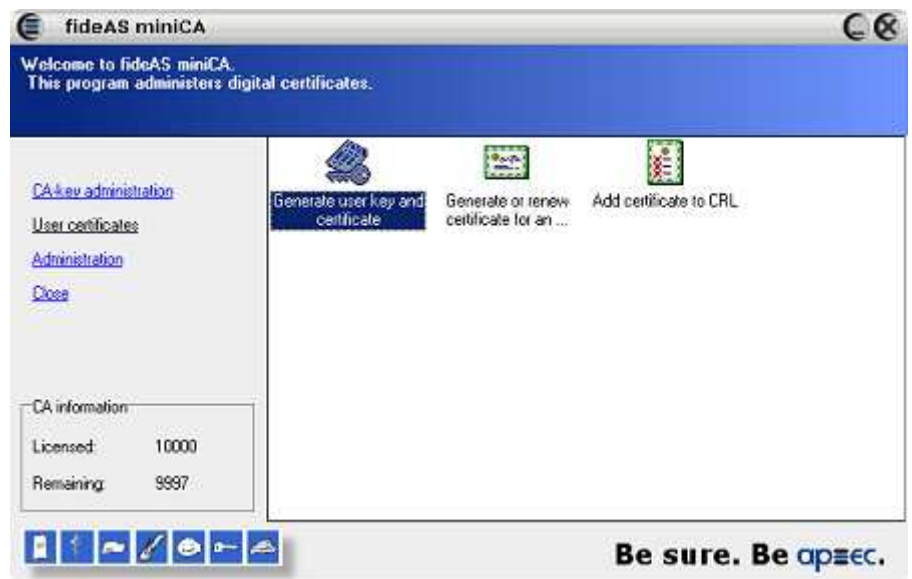
fideAS[®] miniCA

fideAS[®] miniCA in a nutshell

- Generation of cryptographic keys and digital certificates.
- Generates RSA keys with a key length up to 2048 bits.
- Format of certificates X509 v3 and PKCS#7.
- Supports smartcards, USB token and other secure key media via PKCS#11 interface.
- Signature of PKCS#10 certification requests.
- Creates certificate revocation lists of the format X.509 v2.

PKI made simple and cost-effective

Most security applications such as encryption, authentication or digital signatures require the use of public key cryptography and digital certificates. fideAS[®] miniCA offers customers who would like to avoid the cost of purchasing certificates and services from a commercial certification authority a user-friendly alternative at a bargain price.



fideAS[®] miniCA Start Screen

Administer digital certificates by a single mouse click

fideAS[®] miniCA offers all functions for generating, renewing and revoking cryptographic keys and certificates. You don't have to be a PKI expert in order to obtain your desired results with fideAS[®] miniCA.

Supports Smartcards

fideAS[®] miniCA supports secure key media such as smartcards or USB tokens via a PKCS#11 interface. Keys can be created directly on the smartcard and can then be distributed to the users. Moreover, fideAS[®] miniCA is also able to handle software keys of the format PKCS#12.

Standards provide compatibility

In order to make sure that fideAS[®] miniCA is compatible with a maximum number of applications, it uses international standards. Certificates can be created in the format X.509 v3 or PKCS#7. fideAS[®] miniCA generates RSA keys with a length of up to 2048 bits.

fideAS[®] – amazingly simple.



Be sure. Be **apεεc.**
applied security

PRODUCT



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Authentication



Digital Signatures

Technical data:

Certificates

X.509 v3
PKCS#7

Cryptographic algorithms

RSA
MD2
MD5
SHA-1
RIPEMD

Key media

Smartcards
USB Token et al. via a PKCS#11
interface

Key files of the format PKCS#12

Supported operating systems

Windows XP
Windows 2000

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The screenshot shows the 'fideAS miniCA' web application interface. The main heading is 'Generate new user certificates.' The interface is divided into several sections:

- Administration:** Includes links for 'Administration', 'User certificates', 'CA-key administration', and 'Back'.
- CA properties:** Fields for 'Country' (set to 'de') and 'Organization' (set to 'apsec fideAS miniCA').
- Information about certificate:** Fields for 'Family name' (Doe), 'First name' (John), 'E-Mail' (John.Doe@company.com), '1st Department (OU)' (IT-Services), '2nd Department (OU)', 'Common Name' (John Doe), 'DN Field' (OU), 'Format of certificate' (X.509), 'Key medium' (smile P12-KeyFile), 'Key length' (2048), 'Validity' (644 Days, 01.08.2008), and 'Serial number' (D).
- CA information:** A table showing 'Licensed: 10000' and 'Remaining: 9989'.
- Buttons:** A 'Generate certificate' button is located at the bottom right of the form area.
- Footer:** A navigation bar with icons for home, back, forward, search, and help, followed by the slogan 'Be sure. Be apsec.'

Talk to us.

apsec offers a wide variety of services dealing with all relevant questions of data security

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Consulting

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Software security

Cryptographic functions in applications, PKI, secure email, digital signatures, encryption.

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