

# PRODUCT



Encryption



Authentication



Digital Signatures



## fideAS<sup>®</sup> file enterprise

### fideAS<sup>®</sup> file enterprise in a nutshell

- Automatic encryption of the file system
- Easy and central administration.
- Integrated with MS Active Directory and- Windows NT domains.
- Centralized software distribution via MSI packets.
- Supports smartcards and USB tokens via a PKCS#11 interface.
- No reconfiguration of the existing file servers
- Easy integration into existing system environments
- High scalability and system availability by the use of a redundant Security Server (optional).
- Emergency function for data recovery.
- Integration into terminal server environments possible

### Enterprise-wide encryption of folders and files

fideAS<sup>®</sup> file enterprise is a user-friendly solution for the transparent (i.e. invisible to the user) encryption of all files within a company worth protecting. Accustomed workflows are not interrupted. Therefore, any user training is unnecessary.

### Easiest installation and administration

The entire administration of fideAS<sup>®</sup> file enterprise is performed centrally with the help of a clearly laid out and easy-to-use graphical user interface. The integration with the Microsoft Active Directory renders a double user administration unnecessary. Keys and certificates are generated automatically and can be distributed to the users as software keys or on smartcards and USB tokens. The configuration of the file servers remains untouched. Pre-configured MSI packets ensure an easy software distribution via central mechanisms even in large quantities.

### System stability, scalability and high performance

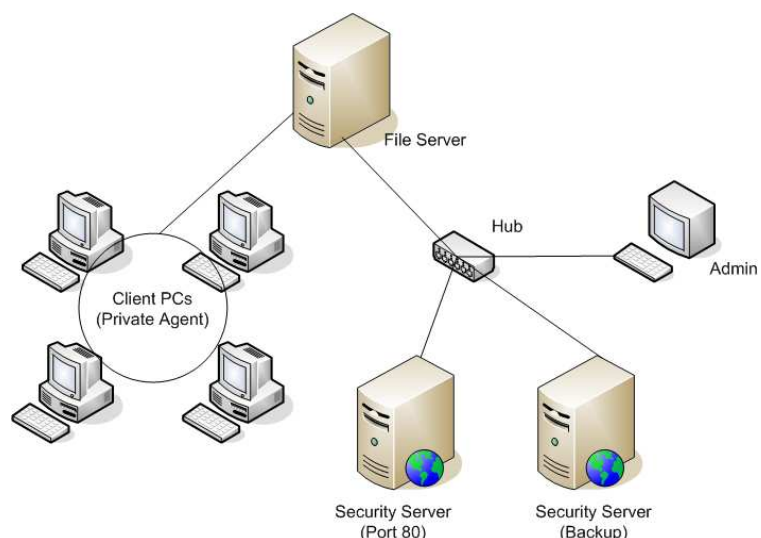
The encryption with fideAS<sup>®</sup> file enterprise is highly performant and saves system resources.

The Security Server responsible for the administration of access rights can be operated redundantly.

The clients will automatically log on to the second system should the first one not be available anymore.

### Control of removable storage media

In addition to the encryption, fideAS<sup>®</sup> file enterprise also provides a central control for removable storage media like USB sticks or external hard drives, so that data will not leave the company without permission and viruses or other unwanted content will not be introduced via this channel.



fideAS<sup>®</sup> file enterprise can be used in a distributed environment within a domain.

fideAS<sup>®</sup> – amazingly simple.



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applied security

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## Technical Data:

### Cryptographic algorithms

AES (192 Bit)  
RSA (up to 2048 Bit)  
MD5  
SHA-1

### Certificates

X.509v3  
PKCS#7

### Interface for key media

Smartcards and USB tokens via a  
PKCS#11 interface  
Key files of the format PKCS#12

### Supported USB tokens

Aladdin eToken  
MiniKey5  
ePass2000  
StarKey100  
CryptoIdentity5

### Supported smartcards

AR PrivateCard  
D-Trust  
Giesecke & Devrient  
Reiner SCT mateKey  
SignTrust  
TeleSec NetKey

### Supported smartcard readers

AR PrivateSafe 2.5  
Cherry SmartBoard G86-6744  
Kobil KAAAN Pro  
OmniKey CardMan 2010  
OmniKey CardMan 3620  
REINER SCT CyberJack  
SCM SPR532

### Supported operating systems

Windows 2000  
Windows XP  
Windows 2003 Server

### Hardware requirements (minimum)

Client: 192 MB RAM, 500 MHz  
Server: 512 MB RAM, 3 GHz  
Network: 100 Mbit/s

### Terminal server

Windows 2003 Terminal Server

## Evaluation of the encryption software fideAS® file enterprise version 3.0

Excerpt from the report by  
Prof. Dr. R. Thome / University of Würzburg

**„The use of the encryption software fideAS® file enterprise can improve a company's security level decisively. The software can be operated without significant additional effort, an extensive user training is not necessary.“**

The full report is available for download at [www.apsec.de](http://www.apsec.de)

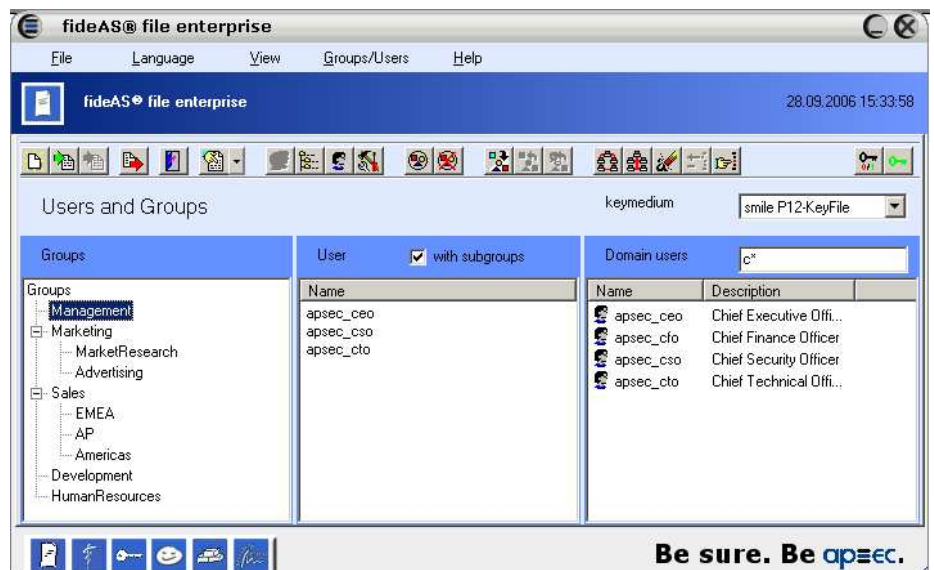


Figure: Central configuration with the Admin software

### Talk to us.

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

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