



## Secure File

## Document Security for Microsoft® Office

*The secure exchange of legally binding documents is a basic requirement of electronic business transactions. Secure File is a straightforward and easy-to-use facility with which to sign and encrypt documents.*

Encryption ensures that only authorized business partners can read the documents. Electronic signatures ensure that your electronically sent documents are legally binding. Signatures fulfill several requirements for both the sender and recipient. For the sender, signatures confirm that he or she has read and agreed to the contents.

The sender cannot dispute the contents of the document at a later point. By the same means, the recipient can verify document integrity, clearly identify the sender, and rely on the contents. Secure File guarantees maximum possible liability protection and confidentiality for communications with your business partners.

### Client Security as the Cornerstone of Your Business Processes

SECUDE products meet the need for high security in eCommerce, eBusiness, and eGovernment. Client Security provides digital signing and encryption of documents.

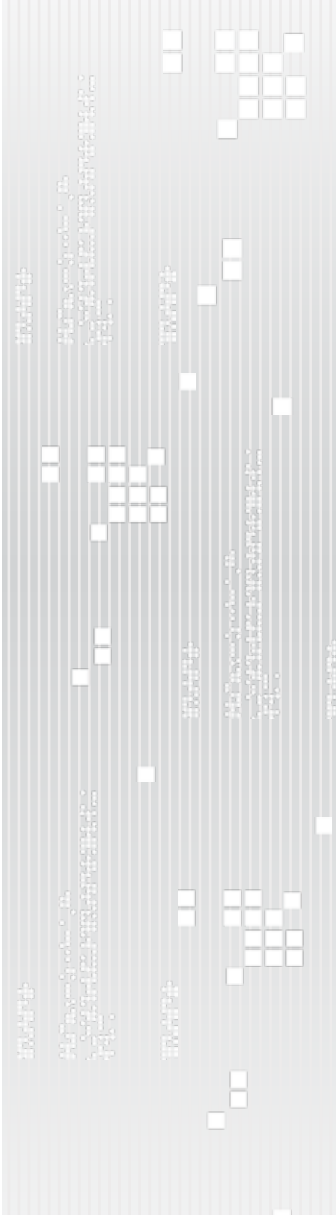
Digital signatures enable the authorship of electronic document contents to be authenticated. And, because only select recipients can decrypt and view the documents, electronic processes become binding and confidential.

### Interoperability and Standardization

Secure File is a plug-in for Microsoft Office applications. It allows digital signing and encryption of documents directly from applications such as Microsoft Word, Excel, and Power Point.

The product is also integrated into the Microsoft Windows Explorer context menu. This allows users to digitally sign and encrypt any file format. The PKCS#7 international standard is used for the output format.

Secure File allows the confidential and binding transfer of business documentation using open communication media. The recipient needs only a PKCS#7-capable client to decrypt and verify the document.



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## Integration through Intelligent Architecture

Soft tokens, smart cards, or USB tokens can be used to store the necessary keys. The choice of token allows customer-specific adjustment to the degree of security implementation.

SECUDE also places a high level of security requirements on the algorithms used. Internationally recognized algorithms such as RSA, DSA, AES, Triple DES, IDEA, and SHA-1 are integrated into SECUDE Secure File.

An LDAP client is integrated for access to encryption certificates not contained in the local address book. Revocation lists are accessed automatically to retrieve certificate status for verification. Users can download revocation lists with LDAP, when required. Alternatively, users can use OCSP (Online Certificate Status Protocol) to retrieve actual certificate status.

## Why SECUDE Secure File?

Business processes are increasingly mapped electronically. This makes it essential for companies to ensure data privacy and security.

## For your company, this means:

### > Confidentiality

The direct encryption of documents in Microsoft Office guarantees data confidentiality.

### > Integrity

Document integrity can be verified on the basis of digital signatures.

### > Identity

Digital signatures enable distinct author authentication.

### > Access Control

Authors can prevent undesired access to certain data by encrypting respective documents for specifically select users.

### > User Acceptance

Seamless integration with Microsoft Office products makes usability as easy as possible.



## Features:

### Client:

- Microsoft Windows 2000/XP/Vista

### Card Terminals:

- PC/SC or CT-API connection

### Smart Cards:

- Deutsche Telekom (PKS 2.0/3.0, NetKey, NetKey 2000, NetKey E4),  
- Deutsche Post (Signtrust SEA)  
- Datev (e:secure), others via PKCS#11

### Supported Standards:

- X.509v3  
- PKCS#11  
- LDAP  
- OCSP  
- CRL  
- PKCS#7

## Technical Requirements: Certificate infrastructure

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