



Effective security on mobile devices, PCs and for E-Mails

As anyone responsible for data security already knows, most company data is either not stored securely or is emailed as plain text. Campaigns to secure internal and external communications by using Public Key infrastructures (PKIs) have so far failed to provide a comprehensive solution.

SafeGuard PrivateCrypto can close these security loopholes. It provides encryption that is both easy to integrate and to use. It can protect valuable, confidential data on PDAs, Notebooks and PCs and ensure that it is sent securely by E-Mail.

SafeGuard PrivateCrypto integrates seamlessly in Microsoft Windows Explorer and standard E-Mail applications such as Lotus Notes and Microsoft Outlook. No need for expensive upgrades to the existing IT infrastructure! **SafeGuard PrivateCrypto's** easily-understood functionality means users do not need any additional training. Users can encrypt and save the files they want simply by clicking their right-hand mouse button to activate **SafeGuard PrivateCrypto** in the context menu.

SafeGuard PrivateCrypto offers maximum flexibility in today's complex IT environments. It can be implemented on all standard mobile device platforms, saving files securely on PDAs, Notebooks and desktop PCs. In addition, users can easily exchange encrypted data by email without the recipient having **SafeGuard PrivateCrypto** installed on his device. Because the files are self-extracting the recipient does not need special software. All the communication partners require for the secure email traffic is the password which they use to encrypt or decrypt the file.

SafeGuard PrivateCrypto has two other exclusive functions that make it even more user-friendly and ensure data remains confidential: an easy-to-use password logging provides a handy way to solve the problem of forgotten passwords, and the "secure wipe" function guarantees that original files are removed completely from the storage medium.

SafeGuard PrivateCrypto – Security made simple.

About Utimaco Safeware

Utimaco developed its first IT security software in 1983. Today, Utimaco is a global leader in enterprise information security. Using the most advanced techniques, Utimaco software provides unmatched information security. Highly reliable, easy to use, and easy to administer, Utimaco products ensure low total cost of ownership. For more information, visit www.utimaco.com.

Benefits

Enhanced security

- Effective protection for your confidential company data and personal information
- Secure data exchange with any partner, even without a shared IT infrastructure
- Secure wipe of files
- Protects files against unauthorized viewing
- Input delay if incorrect passwords are entered
- Uses tried and tested cryptography and data compression algorithms

Easy to deploy

- Quick and easy installation and distribution by using Windows Installer
- Integrated in most common E-Mail applications
- Integrated in Microsoft Windows Explorer
- Offers integration into customer specific applications via its scripting interface
- No need for additional infrastructure

Easy to use

- No training required for users or administrators
- Quick and cost-effective implementation
- Simple and secure encryption for all file formats
- Secure, easy-to-use logging for all SafeGuard PrivateCrypto passwords

Key Features/ Functionality

Security

- Implements the state-of-the-art encryption algorithm AES
- "Secure wipe" function
- Optional encryption of entire directory trees
- Secure password logging
- Protects against "brute force" attacks by increasing response times each time the user enters the wrong password
- Keys are generated from the password entered by the user
- Option to generate self-extracting files
- Data compression

System administration

- Cost-effective, quickly-implemented solution that does not require any additional infrastructure or training
- Windows Installer (MSI)-based installation

Easy to use

- In the Windows Explorer context menu, users simply click the right-hand mouse button to activate encryption
- Comprehensive protection for all kinds of confidential files on PDAs, Notebooks and PCs
- Easy storage of all passwords in one secure directory

System Requirements

Hardware

- PC with Intel Pentium or compatible processor
- Pocket PC with an ARM or Xscale processor

Operating system

- Microsoft Windows XP
- Microsoft Windows 2000
- Microsoft Windows NT Version 4.0
- Microsoft Windows 95, 98, Me
and (as integral part of SafeGuard PDA)
- Pocket PC 2002/ Pocket PC 2002 Phone Edition
- Windows Mobile 2003 (SE) / Windows Mobile 2003 (SE)
Phone Edition

Certifications

- FIPS 140-2 (cryptographic library in evaluation)

Interoperability

- Adds a function for sending encrypted attachments in E-Mail applications such as Microsoft Outlook and Outlook Express, Netscape Messenger, Lotus Notes and Pocket Explorer (Windows Mobile)

Interfaces

- Command line and OLE interface for integration in batch processes and Visual Basic applications (PC Windows platform)
- API interface for integration in customer specific PDA applications (Windows Mobile platform)

Standards/ Protocols

- AES (Rijndael) 128 bit key length
256 bit key length (PC Windows version only)

Language Versions

- English, German, French

Contact

Utimaco Safeware AG

P.O. Box 20 26

DE-61440 Oberursel

Germany

Phone +49 (61 71) 88-0

Fax +49 (61 71) 88-1010

Info@utimaco.com

www.utimaco.com

For more information, or to evaluate the program,
or download it free for personal use, visit:

www.utimaco.com/privatecrypto

Utimaco Safeware Partner: