



## Keeping information secure with transparent encryption across a wide variety of today's removable medium

Protect your valuable data against theft or loss of confidential information stored on USB drives, external hard disks, memory cards, and rewritable CD/DVDs with **SafeGuard Data Exchange**. It provides strong file-based encryption that secures files stored on removable media as well as files exchanged between removable media and PCs, PDAs and e-mail attachments.

**SafeGuard Data Exchange** can be configured to be automated and user-transparent ensuring no impact on employee productivity. Its unique keyring feature enables quick, secure data sharing between project team members or across the company. In addition, a portable reader application offers the capability for external partners to view secured files on PCs without SafeGuard Enterprise installed.

**SafeGuard Data Exchange** is a functional module of **SafeGuard Enterprise**, a centralized solution for managing information protection in mixed IT environments. It is centrally managed by Utimaco's powerful SafeGuard Management Center module.

### Central management features include:

- Centralized security policies enforce consistent rules for encryption, authentication, user privileges, or for individuals and groups, on a variety of different devices in mixed IT environments.
- Centralized key management in mixed environments allows users and administrators to easily share and recover data across groups and devices.
- Audit logs and reports guarantee compliance with internal policies and external regulations.
- Data/password recovery is compatible with standard forensic and recovery tools, minimizing helpdesk burden.

### Deployment functionality that offers additional flexibility

Customers can also deploy encryption to the endpoints without the management center infrastructure. With both central and non-central management options available in **SafeGuard Data Exchange**, administrators can manage encryption in complex and diverse environments. **SafeGuard Data Exchange** is available as a standard MSI package for easy, automated deployment.

### SafeGuard Enterprise – Your Central Key to Information Protection

## Benefits

### Enhanced security

- Share data across PCs, removable media, PDAs and e-mail easily and securely
- Encrypts USB drives, external hard disks, memory cards, rewritable CDs / DVDs, CD/DVD-ROMs, PDAs\*, e-mail attachments\*
- Strong, proven encryption algorithms

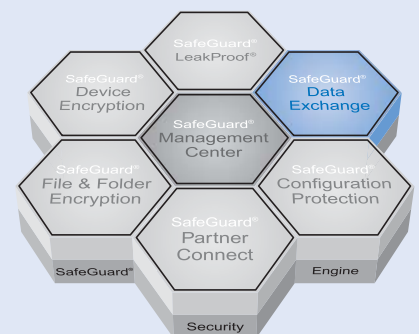
### Easy to deploy and manage

- Quick and easy to deploy via Windows Installer or standard software management systems
- Simple, flexible administration with SafeGuard Management Center
- Centrally enforced with configurable rules
- Scalable from a few users to a complete company-wide rollout

### Easy to use

- Transparent background encryption
- Option to combine encrypted and non-encrypted files on the same storage medium for both fixed and removable media
- Automatic selection of security rules based on media type
- Simple, intuitive user interface requires minimal user training
- Encrypted data can be securely read even on PCs that do not have SafeGuard Enterprise installed

## SafeGuard® Enterprise



### SafeGuard Data Exchange

is a module of **SafeGuard Enterprise** – a centralized solution for managing data security in mixed IT environments.

## About Utimaco – The Data Security Company.

Utimaco is a leading global provider of data security solutions, enabling mid-to large-size organizations to safeguard their data assets against intentional or accidental data loss, and to comply with privacy laws. Utimaco's complete range of data security solutions provide full 360 degree data protection for data at rest, data in motion and data in use. Utimaco offers its customers comprehensive on-site support via a world-wide network of certified partners and subsidiaries. Utimaco Safeware AG, with headquarters in Oberursel, near Frankfurt, Germany, is listed on the Frankfurt Stock Exchange (ISIN DE0007572406). For more information please visit [www.utimaco.com](http://www.utimaco.com)

## System Requirements

### Operating systems

- Microsoft Windows XP (Service Pack 2, Service Pack 3)
- Microsoft Windows Vista™ (Service Pack 1)
- Microsoft Windows Mobile 2003\*
- Microsoft Windows Mobile 2003 Phone Edition\*
- Microsoft Windows Mobile 5.0 for Pocket PC\*
- Microsoft Windows Mobile 5.0 Pocket PC Phone Edition\*
- Symbian OS 9.x S60/3rd\*

### Certifications

- FIPS 140-2
- Common Criteria EAL-4 (in process)



### Standards and Protocols

- Symmetrical encryption: AES 128/256 bit
- Asymmetrical encryption: RSA
- Hash functions: SHA-256, SHA-512
- Passwords, padding, PKCS #1, PKCS #5
- Smartcard/token: PKCS #15, PKCS #11, Microsoft Cryptographic Service Provider (CSP), PC/SC, Kerberos
- PKI: PKCS #7, PKCS #12, X.509 certificates
- Data transfer: SOAP, XML, SSL, LDAP

### Language versions

- English, French, German, Hungarian, Italian, Japanese, Spanish
- Unicode-based support for other local OS languages

### Supported hardware

- PC with Intel Pentium or compatible processor
- Supported storage media:
  - Memory cards including CFC, SDC, MMC, SMC, etc.
  - USB memory sticks and hard drives
  - FireWire hard drives
  - CD/DVD-RW
  - Floppy, ZIP, Jazz drives
  - All devices recognized by the OS as storage media
- Windows Mobile or Symbian OS Device\*

### Logging and reporting

- All client activities/status and security events are logged and stored locally and centrally
- Administrators can filter, view, and print log reports easily from the SafeGuard Management Center console

## Key Features/Functionality

### Security Features

- Fast and transparent encryption of all storage media
- Protects data on FAT, FAT32 and NTFS file systems
- Use of the latest Advanced Encryption Standard (AES) algorithm with 256-bit keys
- Secure key derivation based on PKCS #5
- Protects against unauthorized storage and import of unencrypted data on mobile storage media
- Key backup and restore with the SafeGuard Management Center

### E-mail and PDA encryption with SafeGuard PrivateCrypto

- SafeGuard PrivateCrypto comes bundled with the SafeGuard Data Exchange module
- Windows Explorer users can simply right-click on files to encrypt, or encrypt and send as e-mail attachments with Microsoft Outlook, Outlook Express, Lotus Notes, and Pocket Explorer (Windows Mobile)
- Integrates with SafeGuard Data Exchange's centralized key management, including user keyrings, enabling data sharing and recovery
- Encrypts all types of files on PDAs, Smart phones, laptops, and desktops
- Option to create self-extracting encrypted files

### Greater productivity and ease of use

- Keyring allows sharing of encrypted media between organizational units
- Option for automatic encryption without user intervention
- High level of user acceptance with no additional training or disruption to workflow
- Encrypted files on removable media can be read using the portable reader application on PCs where SafeGuard Enterprise is not installed
- Overlay icon for easy view of encrypted files

### Powerful central administration

- Connections to existing directories and domains
- Centrally enforced encryption rules
- Devices that have not communicated with the management center at specified intervals can be blocked or locked down via policy while on-line, protecting against loss and theft
- Communication with the SafeGuard Management Center via advanced XML/SOAP protocols
- Deployment options offer flexibility to organizations with centrally managed and non-centrally managed users

### Easy, centrally managed installation

- Installation packages can be distributed and installed centrally and unattended via standard MSI packages
- Easy roll-out over a network – without involving users

### Further information

- For more information about Utimaco Safeware and our complete line of SafeGuard solutions, visit: [www.utmico.com](http://www.utmico.com). To learn more about all of the modules that comprise SafeGuard Enterprise, visit [www.utmico.com/sgn](http://www.utmico.com/sgn)

### Utimaco Safeware Partner:

\* SafeGuard PrivateCrypto functionality

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