

SafeGuard® RemovableMedia

Strong and transparent encryption of removable media



Seamless and transparent encryption of confidential data on all removable media to lower your business risk without impacting productivity

The convenience and widespread use of removable media creates vast security risks for enterprises. USB drives, external hard disks, cards, rewritable CDs and DVDs, etc. can contain gigabytes of sensitive information that can very easily fall into the wrong hands. Theft or loss of confidential company information stored on removable media can have severe financial consequences and damage the reputation of organizations.

To protect you from such events, Utimaco's **SafeGuard RemovableMedia** provides strong encryption at all times, for seamless protection across the widest variety of removable media. With SafeGuard RemovableMedia you can be assured your confidential information will not fall into the wrong hands.

SafeGuard RemovableMedia's fully automated, user-transparent operation ensures no impact on employee productivity and working habits. Simply drag and drop files into the media and they are automatically encrypted. You can conduct your business with greater ease and confidence assured by secured data storage at all times.

SafeGuard RemovableMedia offers very flexible workflow options by allowing you to store only encrypted files or both encrypted and plain text files on the same media. If **SafeGuard RemovableMedia** is not installed, the encrypted data can be accessed by password protected self-executable files. **SafeGuard RemovableMedia's** unique key-ring feature enables secure data sharing between members of a project team.

Central management options include the application of MS Active Directory settings. The application programming interface (API) allows customized central administration, key management and automation of repetitive tasks.

Your confidential data is in safe hands, protected by Utimaco – The Data Security Company with over 20 years of experience in encryption.

About Utimaco – The Data Security Company.

Utimaco is the leading provider for data security solutions. The Data Security Company enables mid-sized to large organizations to safeguard their data assets against attacks and to comply with privacy laws by protecting their confidentiality and integrity. Utimaco's complete range of solutions provides full 360° protection unlike free, end-point or built into encryption solutions which only cover specific security needs. Its advanced SafeGuard Solutions help to manage and secure data in what ever conditions: during storage (data at rest), during transmission (data in motion) and during processing (data in use). Utimaco offers its customers comprehensive on site support via a worldwide network of partners and subsidiaries in Europe, the USA and Asia. For more information, visit www.utimaco.com

Benefits

Enhanced security

- Transparent data encryption
- Seamless support for all kinds of removable storage media
- Centrally enforced rules for using removable storage media with configurable security levels for users
- Strong, proven encryption algorithms
- Seamless integration with operating system – no additional login required

Easy to deploy

- Quick, easy installation and distribution via Windows Installer or other software management systems
- Simple, flexible administration with Microsoft Management Console
- Scalable from a single workstation solution all the way to a company-wide rollout
- Integration of custom 3rd party applications with scripting API

Easy to use

- Transparent background encryption and decryption of all data
- Optional combined use of encrypted and non-encrypted files on the same storage medium
- Automatic selection of security rules depending on the type of storage medium
- Simple, intuitive user interface
- No extensive user training required
- Encrypted data can be processed on external devices with no software installation
- Key-ring feature enables secure data sharing among project team members

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Key Features/Functionality

Security

- Fast and transparent encryption on all storage media
- Protects data on FAT, FAT32 and NTFS file systems
- Use of the latest, highly secure Advanced Encryption Standard (AES) algorithm with 256-bit keys
- Secure key derivation based on PKCS #5: Password-Based Cryptography Standard
- Protection against unauthorized storage of unencrypted data on to mobile storage media
- Protection against unauthorized importing of unencrypted data into the company using mobile storage media
- Key backup and restore

System administration

- Windows Installer (MSI)-based installation also possible using other software management systems
- Application Programming interface (API) for automating recurring administrator tasks
- Central administration of security-relevant settings with Active Directory Group Policy Objects
- Highly granular Group Policy settings not restricted or dependent on drive letters
- Company key deployment during setup
- Central logging

Easy to use

- Option for automatic encryption without user intervention
- High level of user acceptance with no additional training
- No disruption to normal user workflows
- Seamless integration with the operating system (no additional login required)
- All types of confidential files can be encrypted and stored on mobile storage media
- The RemovableMedia Portable add-on application enables encrypted file access for removable storage media on external computers that do not have SafeGuard RemovableMedia installed
- Overlay icon for easy view on encrypted files

System Requirements

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, Jaz drives
 - All other devices recognized by the OS as storage media

Operating System

- Microsoft Windows XP
- Microsoft Windows 2003
- Microsoft Windows 2000
- Microsoft Windows Vista (in evaluation)

Certifications

- FIPS 140-2

Complementary SafeGuard® products

- SafeGuard Advanced Security Plug & Play Management for central control of all plug & play modules
- SafeGuard Application Specific Access Rights for configuration of user, application and data rights
- SafeGuard Easy for secure encryption of operating systems and all data stored on internal hard drives

Interoperability

- SafeGuard RemovableMedia is compatible with all standard software distribution mechanisms (MSI packets)

Interfaces

- Scripting API to automate recurring administrator tasks

Standards/protocols

- AES 256-bit key length
- PKCS#5

Language versions

- English, German, Dutch, Japanese
- Additional language support will be available

Contact

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For more information and to try a demo version of the Enterprise Edition visit:
www.utimaco.com/sg-removablemedia

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