SafeGuard® PrivateDisk

The electronic safe

Datasheet

Your electronic safe – for protecting confidential data on Notebooks, PCs and PDAs

Sensitive and valuable data needs protection! It is especially important in mobile environments, where confidential information is at risk of being accessed by unauthorized personnel. Today, many companies and organizations give their staff mobile devices to increase efficiency. Confidential in-house information such as research results, management analysis or even customer data is stored on these Notebooks and PDAs. If this valuable information was on paper, the documents would be kept in locked filling cabinets or safes to protect them from being stolen or read by the wrong people. **SafeGuard PrivateDisk** gives electronic documents exactly the same protection. **SafeGuard PrivateDisk** generates an encrypted "virtual" disk drive on the device. This disk is a well-protected electronic safe: any critical, sensitive and valuable data can be securely encrypted and stored safely on it.

Two versions of **SafeGuard PrivateDisk** are available: The Personal Edition is designed for use in small and medium-sized companies, while the Enterprise Edition, with its extended configuration and distribution options, is designed to meet the needs of larger organizations. Many managers and external service staff are now enjoying the benefits of using **SafeGuard PrivateDisk** Portable: they can read encrypted data on their mobile memory media, wherever they are, while still complying with their company's security standard. In addition, **SafeGuard PrivateDisk** Enterprise Edition provides administration tools and interfaces that ensure easy and cost-effective integration into existing IT environments. **SafeGuard PrivateDisk** can be used as a stand-alone security solution or can be integrated in an existing PKI (Public Key Infrastructure). In company-wide rollouts, **SafeGuard PrivateDisk** also supports the use of smartcards for strong authentication access to the file volume.

SafeGuard PrivateDisk – The electronic safe.

Benefits

Enhanced security
→ Electronic safe protects valuable and sensitive company data
→ Flexible data protection on networks, local hard disks, terminal servers and portable media
→ Uses tried and tested security algorithms
→ The Enterprise Edition also provides recovery certificates which guarantee that encrypted data can be accessed in an emergency

Easy to deploy
→ Central, uncomplicated installation and distribution via Windows Installer or other software management systems
→ No need for additional upgrades to existing IT infrastructure
→ Scalability: from individual devices up to a company-wide rollout

Easy to use
→ Easy exchange of protected files between PC and PDA platforms guaranteed by complete interoperability
→ Self-explanatory functionality, meaning high levels of user acceptance
→ No time-consuming training required for users or administrators
→ PrivateDisk Portable gives you high flexibility: with it, you can access encrypted data on other end devices, but you don't need to install it on them
→ Automated key management with SafeGuard Enterprise

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

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SafeGuard® PrivateDisk®

Certifications
➔ FIPS 140-2 (cryptographic library in evaluation)
➔ Aladdin eToken certified
➔ Gemalto Secure Digital Companion

Interoperability
➔ Microsoft Crypto API integration: the use of Cryptographic Service Providers (CSPs) means that any RSA-enabled components from third-party suppliers (such as smart-cards or USB tokens) can be implemented for user authentication

Interfaces
➔ Crypto API / Microsoft Cryptographic Service Provider (CSP)
➔ Scripting API for integration in automatic administration procedures
➔ LDAP (only for Enterprise Version)

Standards/Protocols
➔ Authentication: user authentication via X.509 certificates
➔ Encryption: AES (Rijndael) – 128 and 256 bit
➔ Hash: SHA-1

Language Versions
➔ English, German, French, Dutch, Spanish, Portuguese (Portugal & Brazil), Italian, Danish, Swedish, Finnish, Norwegian, Japanese, Chinese, Korean

Contact
For more information or to evaluate the demo version of the Enterprise Edition, go to:
www.utimaco.com/SG-PrivateDisk

Key Features/Functionality

Security
➔ Generates an automatically-encrypted virtual disk drive
➔ Fast and transparent encryption by simulating an additional disk drive
➔ Protects data on hard disks, network drives and portable media such as diskettes, CD-ROMs, DVDs, USB and flash memory cards
➔ User authentication via a password and/or X.509 certificates
➔ Allows encrypted data exchange within company user groups without additional passwords in conjunction with SafeGuard Enterprise
➔ Supports smartcards and USB tokens
➔ Windows pagefile can be deleted, if required, when the computer is switched off
➔ Implements the most up-to-date, cutting-edge AES encryption algorithm

System administration
➔ Cost-effective, quickly-implemented solution with no need for extra infrastructure or training
➔ Windows Installer (MSI)-based installation or installation using other software management systems
➔ Central administration of security settings via Group Policy Objects
➔ Optional integration of Recovery Certificates so that encrypted data can also be accessed in an emergency situation

Easy of use
➔ High level of user acceptance: no need for additional training
➔ Each user can use several PrivateDisks at one time
➔ Several authorized users can share one PrivateDisk to store shared information securely
➔ Users can protect and store any kind of confidential file on their PDA, Notebook and PC
➔ Seamless integration in Windows Explorer
➔ Even when PrivateDisk is not installed on the target device, Portable still gives you (read) access to the encrypted data there

System Requirements
Hardware
➔ PC with an Intel Pentium or compatible processor

Operating system
➔ Microsoft Windows Vista 64-bit
➔ Microsoft Windows Vista
➔ Microsoft Windows XP 64-bit
➔ Microsoft Windows XP
➔ Microsoft Windows 2000
➔ Windows Mobile 5
➔ Windows Mobile 6 und 6.1 Classic und Professional

Utimaco Safeware Partner:

www.utimaco.com