[SafeGuard® PrivateDisk]

Benefits

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 (e-asset) can be securely encrypted and stored safely on it.

You can store **SafeGuard PrivateDisk's** electronic safe on local hard disks, network directories, PDAs, and on mobile media such as USB and flash memory cards, CD-ROMs, DVDs and diskettes. 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. **SafeGuard PrivateDisk's** strength lies in its combination of well devised security mechanisms, user-friendly functions, and self-explanatory procedures. Users do not notice any difference between using its "virtual" disk drive and a "normal" one. They can create, save, move and copy files on it in exactly the same way as they have always done.

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.

About Utimaco Safeware

Utimaco developed it's 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**.

Enhanced security

→ Electronic safe protects valuable and sensitive company data

→ Seamless file protection because data is encrypted while being accessed, processed and sent

→ Flexible data protection on networks, local hard disks, terminal servers and portable media

→ Scalable security level to match inhouse security guidelines

→ 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 configuration and intelligent software distribution ensures fast and cost-effective implementation of any project, no matter how large

→ Fast, 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

→ Simple to use by integration in familiaruser working environments

→ 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

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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, ZIP and JAZ drives, MO disks, USB and flash memory cards

➜ User authentication via a password and/or X.509 certificates

➜ 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

➜ Central installation, configuration and administration with free integrated Windows distribution tools

➜ 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 to 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

System Requirements

Hardware

➜ PC with an 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

and

➜ Pocket PC 2002/ Pocket PC 2002 Phone Edition

➜ Windows Mobile 2003 / Windows Mobile 2003 Phone Edition

Certification

➜ FIPS 140-2 (cryptographic library in evaluation)

➜ Aladdin eToken certified

Interoperability

➜ Microsoft Crypto API integration: the use of Cryptographic Service Providers (CSPs) means that any RSA-enabled components from third-party suppliers (such as smartcards 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

Standards/ Protocols

➜ Authentication: user authentication via X.509 certificates

➜ Encryption: AES 128-bit

➜ Hash: SHA-1

Language Versions

➜ English, German, French

Contact

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

Utimaco Safeware Partner: