SafeGuard® Easy

Easy and transparent hard disk encryption for Notebooks and PCs

The Ultimate PC security solution – whether in the office or on the move

Data is one of the most valuable assets that companies and organizations have. These assets are in even more danger since "mobile computing" has become a reality: sensitive information is stored on notebooks and removable media – without any firewall protection. Mobile devices and media, along with the sensitive and valuable information that is stored on them, are constantly exposed to loss or theft. A company's management team is responsible for taking all appropriate steps to protect a company's or organization's data.

SafeGuard Easy provides this protection: No unauthorized user may access the device and read data or use the device as a tool to enter the company network. If a device gets into unauthorized hands the data is securely protected even if the hard disk is removed. Complete encryption of the entire hard disk and a user authentication procedure that runs before the operating system boots provide secure protection.

Whether a single laptop or 10,000 PCs are to be protected, **SafeGuard Easy** allows easy implementation and enforcement of the IT security policy. **SafeGuard Easy** is truly user-proof. It operates transparently in the background, so end users don't have to undergo training or alter their work behaviours. For security officers, IT managers, and system administrators, **SafeGuard Easy** offers transparent security, easy security policy implementation, and simple deployment.

In a world where laptops and desktop PCs are lost every day and hackers attack corporate secrets every hour, **SafeGuard Easy** is a business necessity.

Benefits

Enhanced security

→ Perfect protection of PCs and notebooks against unauthorized access

→ Perfect protection of data on hard disk and removable media against unauthorized access

→ No additional costs for data erasing or hard disk destruction in case of sale, disposal, or return of leased devices as data is securely encrypted

→ Smooth integration in existing IT security environment, e.g. fingerprint, TPM Chip

→ Secure protection in each power mode including hibernation and stand-by

→ Certified according Common Criteria EAL3 and FIPS 140-2

Easy to deploy

→ Easy roll-out via network without end-user involvement

→ Easy administration from central console

→ Reduced help-desk workload through simple reset of forgotten passwords

→ Interoperable with Lenovos TVTs Rescue and Recovery™ as well as CSS and Computrace

Easy to use

→ Fully automated encryption in the background – no change of working behavior, no user training

→ Proven security solution – more than 3 million laptops and PCs worldwide are SafeGuard Easy

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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Key Features/Functionality

Security
➜ Pre-boot authentication using password, fingerprint or Token, optionally applicable on up to eight OS partitions
  → Organization specific password rules
  → Optional Token or fingerprint authentication
➜ Comprehensive encryption capabilities
  → Full or partial hard disk encryption, independent of file system (e.g. NTFS, FAT)
  → External media encryption (e.g. diskettes, ZIP and JAZ disks, USB memory sticks)
➜ Sophisticated and efficient encryption algorithms
  → AES (256 and 128 bit), IDEA (128 bit) and others
➜ Secure key management: Enciphering key dynamically generated from the password entered – not stored on disk
➜ Secure hibernation
  → Encryption of "Suspend to Disk" mode (hibernation image)
  → Authentication after resume
➜ Use of TPM chip for encryption key generation and authentication procedure (e.g. IBM ESS support)
➜ Integrated Boot Manager to support multiple operating systems and/or secured/unsecured partitions on the same device

System administration
➜ Windows Installer (MSI) based installation
➜ Optional central administration console
  → Queuing and distribution of configuration files to clients
  → Central collection of client settings
➜ Remote management console for remote client management
➜ Scripting interface for automating administrative tasks
➜ Pre-boot event logging
➜ Secure Wake on LAN

Ease of use
➜ Single-Sign-On to the operating system
➜ Automated encryption without user intervention
➜ Efficient algorithms – negligible performance impact
➜ Secure and powerful challenge/response procedure to reset forgotten passwords without the need for on-line connection

System Requirements

Hardware
➜ PC with Intel Pentium or similar
➜ Minimum 25MB free hard disk space

Operating System
➜ Microsoft Windows XP / 2000
➜ Microsoft Windows 2003 Server Standard Edition
➜ Microsoft SQL Server 8.0 (SP3) for central administration (optional)

Network
➜ All Microsoft-supported networks

Certifications
➜ Common Criteria EAL3
➜ FIPS 140-2
➜ Nato Restricted
➜ Aladdin eToken enabled
➜ RSA Secured

Complementary SafeGuard® products
➜ SafeGuard Advanced Security modules as add-ons to support other smartcards, central auditing, Multi-Desktop, SSO, PnP management, Application Specific Access Rights etc.
➜ SafeGuard LAN Crypt for workgroup based file/folder encryption.
➜ SafeGuard Easy Web Helpdesk or Web Selfhelp for Challenge/Response Helpdesk, with optional SafeGuard CryptoServer Hardware Security Module
➜ Plug-in for Aladdin Token Management System (TMS)

Interoperability
➜ Certified compatible with Lenovo Rescue and Recovery™ (RnR) allows RnR to backup and restore data to SGE encrypted harddisks (even a complete restore of the operating system)
➜ Compatible with Computrace from Absolute Software to locate stolen notebooks (one of the Lenovo's TVTs, new CT version req.)
➜ SafeGuard Easy is compatible with all leading software distribution tools e.g. LANDesk
➜ RSA SID 800, Aladdin eToken PRO (32KB, 64KB or NG OTP) or Verisign USB token for pre-boot authentication
➜ Integration of other smartcards via PKCS#11 (additional SafeGuard Advanced Security module required)
➜ Pre-boot fingerprint authentication on Lenovo PCs and Notebooks (5x, 6x Series and external reader)

Interfaces
➜ Scripting API to automate repetitive administration tasks

Standards/Protocols
➜ PKCS#11, AES (256 and 128 bit), Rijndael (256 bit), IDEA (128 bit), DES (56 bit), 3DES (168 bit), Blowfish-8/16 (256 bit), Stealth-40 (40 bit)

Language Versions
➜ English, German, French

Contact

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