

## Summary Encryption capabilities in ESDP

### Sophos SafeGuard Disk Encryption

- Full Disk Encryption (FDE)
  - Protects all data including swap files and hibernation files
  - User transparent
- Pre-Boot Authentication (PBA)
  - Password required before OS starts
- Designed for simple administration
  - Administration tool to reset forgotten passwords
  - Full set of recovery tools

### SafeGuard PrivateCrypto

- Removable media encryption
  - Integrated in Windows Explorer
- Encryption of e-mail attachments
  - Integrated in e-mail applications
- Secure data exchange with third parties via self-extracting files
  - External partners do not need the product

## SafeGuard® Easy

### 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 2000 (SP3) or 2005

### Certifications

Common Criteria EAL3  
 FIPS 140-2  
 Nato Restricted  
 EnCase compatible

### Language Versions

English, German, French

### Easy of use

Single-Sign-On to the operating system  
 Automated encryption without user intervention  
 Secure and powerful challenge/response procedure to reset forgotten passwords without the need for on-line connection

### Security

Pre-boot authentication using password  
 External media encryption (e.g. diskettes, ZIP and JAZ disks, USB memory sticks)  
 Sophisticated and efficient encryption algorithms  
 AES (256 bit),  
 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  
 Input delay if incorrect passwords are entered  
 Uses tried and tested cryptography and data compression algorithms

## SafeGuard® PrivateCrypto

### Enhanced security

Effective protection for your confidential company data and personal information  
 Secure data exchange with any partner, even without a shared IT infrastructure  
 Secure wipe of files  
 Protects files against unauthorized viewing

### Easy to deploy

Quick and easy installation and distribution by using Windows Installer  
 Integrated in most common E-Mail applications  
 Integrated in Microsoft Windows Explorer  
 Offers integration into customer specific applications via its scripting interface  
 No need for additional infrastructure

### Easy to use

No training required for users or administrators  
 Quick and cost-effective implementation  
 Simple and secure encryption for all file formats  
 Secure, easy-to-use logging for all SafeGuard PrivateCrypto passwords  
 Automated password handling with SafeGuard Enterprise

### System Requirements

Hardware  
 PC with Intel Pentium or compatible processor  
 Windows Mobile or Symbian OS Device  
 Operating system  
 Microsoft Vista  
 Microsoft Windows XP  
 Microsoft Windows 2000  
 Microsoft Windows NT Version 4.0  
 Microsoft Windows 95, 98, Me  
 Windows Mobile 2003 / Windows Mobile 2003 Phone Edition  
 Windows Mobile 5.0 for Pocket PC / Pocket PC Phone Edition,  
 Windows Mobile 6 in preparation  
 Symbian OS 9.x S60/3rd