

SafeGuard Partner Connect is a functional module of SafeGuard Enterprise, Sophos's centralized solution for managing data security in mixed IT environments. It is centrally managed by the SafeGuard Management Center module, which provides cross-platform administration and management of third-party endpoint security products such as Windows Vista BitLocker™ Drive Encryption clients, as well as devices protected by SafeGuard Device Encryption and SafeGuard Data Exchange.

SafeGuard Partner Connect provides integration with Windows Vista BitLocker™ Drive Encryption. BitLocker is a data protection feature available in Windows Vista Enterprise and Ultimate for client computers, and in Windows Server 2008. It encrypts the entire Windows operating system volume on the hard disk, as well as all user files and system files in the operating system volume, including the swap and hibernation files. BitLocker™ enhances data protection by integrating two major security features: drive encryption and integrity checking of early boot components.

SafeGuard Partner Connect's unique benefits and flexible architecture include:

- Protects company confidentiality with a flexible and easy-to-manage solution that enforces uniform data security policies
- Offers ease of administration with the help of the cross-platform management console
- Assures compliance with centralized log reports for audit and legal requirements
- Provides full transparency of data protection across all parts of the enterprise infrastructure
- Features automated and simplified BitLocker usage, key backup and emergency mechanisms for easy recovery

Sophos is a Microsoft Gold Certified Partner and a founding member of the SecureIT Alliance.

Key benefits

Sophos and Microsoft Advantage

- » Support for Vista BitLocker ensures that enterprise customers can implement consistent security policies even in mixed OS (e.g., Vista, XP) and device environments (e.g., PC, hard disk, removable media)
- » SafeGuard Enterprise utilizes Microsoft's enterprise products including ActiveDirectory, SQL Server, Windows Server and IIS
- » SafeGuard Enterprise unifies key management tasks for BitLocker, removable media and full disk encryption across platforms
- » Eases regulatory compliance with comprehensive audit logs

Sophos, the leader in data security

- » World-class products for centralized encryption and policy and key management for laptops, desktops and removable media
- » Ease of use for end users with transparent encryption—no change in work productivity
- » Smooth integration into existing IT environments
- » Unified console to manage multiple point solutions provided by common equipment and OS providers

System Requirements: Operating systems (32 bit)¹

- Microsoft Windows Vista™ Enterprise or Ultimate editions with BitLocker Drive Encryption (SP 1, SP 2)

Certifications

- FIPS 140-2

Standards and Protocols

- Symmetrical encryption: AES 128 or 256 bit (with/without Diffuser)
- Asymmetrical encryption: RSA
- Hash functions: SHA-256, SHA-512
- Passwords, padding, PKCS #1, PKCS #5
- PKI: PKCS #7, PKCS #12, X.509 certificates
- Data transfer: SOAP, XML, SSL, LDAP
- Interoperability: TPM

Multi-Platform Support

- Protects laptops, desktops, servers and removable media including USB sticks, memory cards, CD/DVDs, floppies*
- Adding SafeGuard Device Encryption provides full-disk encryption on non-BitLocker-enabled systems (e.g., Windows 2000, Windows XP or Windows Vista Business)
- Multi-platform key management and authentication

Language Versions

- English, French, German, Japanese
- Unicode-based support for local languages

Logging and Reporting

- Joint central logging repository for events created by BitLocker and non-BitLocker clients (administrator, user, device and other related events)

Product Requirements

- SafeGuard Management Center

Powerful Central Administration

- Connections to existing directories and domains
- Centrally enforced encryption rules
- Communication with SafeGuard Management Center via advanced XML/SOAP protocols

Easy, Centrally Managed Installation

- Installation packages can be distributed and installed centrally and unattended via standard MSI packages
- Easy rollout over a network—without involving users

1 Successfully tested on Windows 7 Release Candidate. Windows 7 final version will be supported in the next release. 64-bit support will be available in the next release.

Key Features

Full support for Windows Vista™ BitLocker™

- » Common security policies enforceable in mixed OS and device environments
- » Centrally manage keys
- » BitLocker™ Drive Encryption selectable as an option
- » SafeGuard Enterprise reports on BitLocker device status

Strong transparent encryption

- » Extensive transparent encryption functionality
- » Partial or complete hard disk encryption regardless of file system (e.g., NTFS, FAT)
- » Multi-platform removable media encryption (e.g., floppies, USB drives, memory cards, CD-ROM/DVD-RW*)
- » Strong, internationally recognized encryption algorithms
- » Secure, encrypted hibernation and “Suspend to Disk” mode
- » TPM chip used for random number generation and system start-up validation
- » Encrypted data cannot be read even if hard drives are removed from the PCs, except by security administrators
- » BitLocker pre-boot user authentication via password, USB memory token or TPM

Greater productivity and ease of use

- » Keyring allows sharing of encrypted media between organizational units*
- » High-speed encryption algorithms ensure no perceptible performance degradation
- » Transparent background encryption, even during initial installation, ensures no work interruptions
- » Quick and secure emergency procedure: recover forgotten passwords and recover from broken TPMs