PGP™ Whole Disk Encryption from Symantec™

High-performance full disk encryption for laptops, desktops, and servers

Data Sheet: Encryption

Benefits

- **Reduces risk of sensitive data exposure from loss or theft –** High-performance full disk encryption for desktops, laptops, and servers.
- **Ensures compliance accountability –** Single, extensible console to define, manage, and automatically enforce encryption security policy with event monitoring and reporting.
- **Simplified day-to-day operations –** Minimizes help desk, administration, and maintenance costs.
- **Easy to use –** Users continue to work as usual. Software automatically encrypts and decrypts data in real-time, without impacting user productivity.

Comprehensive disk encryption

Protecting sensitive data, intellectual property, personal identifiable information (PII) and personal health information (PHI) on laptops, desktops, and removable devices from theft or loss is critical for enterprises and the public sector. Exposure of sensitive data can result in lost intellectual property, fines, legal penalties, and damage to reputation and brand. PGP™ Whole Disk Encryption from Symantec™ provides organizations with comprehensive, multi-platform, and high-performance full disk encryption for all data (user files, swap files, system files, hidden files, and more) on desktops, laptops, and servers. The encrypted data is protected from unauthorized access, providing strong security for intellectual property, customer data, partner data, and brand.

Simple. Fast. Secure. Extensible.

- **Rapid and simple deployment –** From zero to thousands of protected laptops within a matter of weeks.[1] Encrypts hard drives, USB storage devices, and files. Support for Windows®, Mac OS® X, Red Hat®, and Ubuntu®.
- **Simple recovery –** Flexible and easy recovery, including forgotten passphrase options. Supports disaster recovery and planning initiatives, and third-party recovery software.
- **User-friendly –** Background encryption with throttle capabilities. Fewer passwords to remember with support for Windows single sign-on (SSO).
- **Simple and secure day-to-day operations** – Single, centralized policy, key management, and reporting console with web interface manages all clients. Leverages existing infrastructure with Lightweight Directory Access Protocol (LDAP) integration.
- **Strong encryption** – Designed for security and speed, and validated against a number of cryptographic standards.
- **Extensible** – Easily add portable encryption, email encryption, file server, and other encryption applications.

1. Based on typical deployments. Actual organization deployment times may vary.

Rapid deployment

- Flexible .MSI and .PKG formats support most rapid deployment tools such as Systems Management Server®, ZENworks®, and Altiris®.
- Multi-platform: Protects Windows (including Windows Server®), Mac OS X (including Boot Camp®), and Linux® (Ubuntu, Red Hat).
- Silent and invisible enrollment.
- Support for Casper® and other backup software.

Centralized management

- Web-based administration console.
- Enforced user, password, and machine policies.
- Stay-compliant reporting includes machine encryption status, logon failure alerts, and device management.
- Log integration.
- Directory integration through LDAP.
- Strong user key management.

Security and cryptography

- Hardware-based cryptographic acceleration via Intel® Advanced Encryption Standard Instructions (AES-NI) supporting Windows, Mac OS X, and Linux operating systems.
- High-performance, validated, optimized, and strong encryption.
- Built with high-performance Hybrid Cryptographic Optimizer (HCO) technology with Advanced Encryption Standard (AES) 128-bit and 256-bit encryption.
- Smart card (including Personal Identity Verification (PIV) cards), Trusted Platform Module (TPM), and passphrase authentication options.[2]
- Federal Information Processing Standards (FIPS) 140-2 validated, CESG Assisted Products Scheme (CAPS) approved, Defence Infosec Product Co-Operation Group (DIPCOG) approved, Common Criteria Evaluation Assurance Level (CC EAL) 4+ certification.
- Intel® Anti-Theft support available (optional).

Reset passphrase and machine recovery

- Local self-recovery with question-answer authentication avoids help desk calls and does not require network connectivity.
- Secure, one-time use Whole Disk Recovery Token (WDRT).
- Patented, split Additional Decryption Key (ADK) supports corporate access to data and Disaster Recovery and Planning (DRP).
- Machine recovery including support for Windows® Preinstallation Environment (PE) and Bart's Preinstallation Environment (BartPE).
- Support for Guidance® Software EnCase® and AccessData® Forensic Toolkit forensic software.

User-friendly

- Background initial encryption allows users to work as usual without interruption.
- Throttle capability with pause, CPU usage, and power failure safety options.
- Hibernation support on Windows.
- Protects shared systems with multiple users.
- Customizable pre-boot screen.
- Over 50 languages and keyboards supported.
- Windows SSO support.

Technical specification

For complete technical specifications, please visit

http://go.symantec.com/encryption

2. Pre-boot smart card and Trusted Platform Module (TPM) support only on Windows.

Visit our website

http://enterprise.symantec.com

To speak with a Product Specialist in the U.S.

Call toll-free 1 (800) 745 6054

To speak with a Product Specialist outside the U.S.

For specific country offices and contact numbers, please visit our website.

About Symantec

Symantec is a global leader in providing security, storage and systems management solutions to help consumers and organizations secure and manage their information-driven world. Our software and services protect against more risks at more points, more completely and efficiently, enabling confidence wherever information is used or stored.

Symantec World Headquarters

350 Ellis St.
Mountain View, CA 94043 USA
+1 (650) 527 8000
1 (800) 721 3934
www.symantec.com

Symantec helps organizations secure and manage their information-driven world with **security management**, **endpoint security**, **messaging security**, and **application security** solutions. 21064414 07/11