

Symantec Encryption Solutions for Endpoints, Powered by PGP™ Technology

Data Sheet: Encryption

Data is everywhere, but is it Safe?

Mobile computing has emerged as an industry standard for increasing user productivity. But portability increases the potential for a system to be lost, stolen, or misused, resulting in potential financial losses, legal consequences, and damage to a company's image and reputation.

After fines, lost business, audit, legal, investigation fees, and other costs, The Ponemon Institute estimates the cost of a data breach at \$194.

The Need for Strategy

Strategy starts with a plan to defend information from various points of attack today and ends with a vision to protect your data as your company expands and your security needs grow.

Tools like laptops, flash-drives, and external hard drives have helped mobilize data. As collaboration via the cloud becomes more prevalent, the ability for data to move becomes even simpler. Symantec's solutions ensure data residing on these endpoints are secure and protected, and as data moves around the world and the cloud, it remains secure.

As your organization grows, additional encryption functionality is built into Symantec's Encryption Management Server, allowing administrators to centrally deploy and manage additional encryption solutions as needed while maintaining control and order.

Usability and Benefits

- Framed in an easily navigated, rich management environment
- Encryption runs smoothly in real-time with no user interference
- Throttle capability to ensure systems aren't overly taxed with pause, CPU usage, and power failure safety options
- Ensure compliance on various privacy mandates like: PCI-DSS, HIPAA, GLBA, SOX, PIPEDA, and EU Data Protection Directive
- Password Recovery Options Include:
 - Question-Answer Self Recovery Tool
 - Help-Desk Assisted Recovery
 - Disaster Recovery support with patented Split Additional Decryption Key (ADK) Technology

Multi-Platform Disk Encryption

- Microsoft® Windows
- Mac® OS X
- Linux®

Total Endpoint Protection

- Laptops
- Desktops
- Cloud
- Removable Media
- Email
- Mobile
- Servers

Security and Cryptography

- AES-256 Encryption
- FIPS 140-2 Certified
- CAPS approved
- DIPCOG approved
- Windows SSO option
- Two-Factor authentication integration with Smart Cards and/or Tokens

In 2010 alone, based on a study of only 329 public and private sector organizations, 86,455 laptops went lost or missing...

- Ponemon Institute

A Comprehensive Symantec Encryption Solution

Encryption Management

- Encryption Management Server
- Manage multiple encryption solutions including key creation, distribution, and storage from a single Web-based console

Encryption Management Server allows administrators to establish, enforce, and update security policies in realtime across multiple integrated encryption solutions from a simple, Web-based management console. Additionally, staff can quickly add encryption solutions and functionality as needed with simple license authorizations without having to install new software.

Encryption Management Server also offers the benefits of key management; creating, distributing, and storing encryption keys for other Symantec Encryption products.

Endpoint Encryption

- Drive Encryption
- Secure data on multiple endpoints, including laptops, desktops, servers, and removable media

Provides organizations with comprehensive, nonstop disk encryption that enables quick, cost-effective protection. Software automatically encrypts and decrypts data on-the-fly and transparently, ensuring data protection as it's accessed without requiring changes in a user's workflow or behavior.

Email Encryption

- Desktop Email Encryption • Secure outbound email immediately from the users' desktops
- Gateway Email Encryption • Email encryption at the gateway without installing client software
- Mobile Encryption for iOS • Email encryption for iOS devices
- PGP Support Package for BlackBerry • Email encryption for BlackBerry
- PGP Viewer for Android • Email encryption viewer for Android devices

Email applications for iOS and Android are available for free download at Apple App Store and Google Play. Mobile solutions require Encryption Management Server for user enrollment services and key management.

File, Folder, and Cloud Encryption

- File Share Encryption • Policy-enforced file encryption for collaborating teams
- File Share Encryption for iOS • View file share encrypted files on iOS devices
- PGP Command Line • Automated encryption for file transfers and data-processing applications

Organizations must have confidence that data stored in the cloud is secure before using the cloud as a true productivity tool. File Share Encryption allows users to drag and drop unencrypted files into cloud sharing folders for automatic encryption. As files move, they retain their encrypted status, allowing only authorized users to view sensitive data. PGP Command Line automates this process for large batch transfers.

License Bundles*	Drive Encryption	Desktop Email Encryption	File Share Encryption
Encryption Desktop Corporate	X	X	X
Encryption Desktop Professional	X	X	
Encryption Desktop Storage	X		X

* All bundles include Encryption Management Server

The Power of Symantec Integrated Solutions

Symantec Data Loss Prevention Endpoint Discover allows organizations to find potentially hidden sensitive data stored on their Windows systems. Using DLP, organizations are able to develop a prioritized roll-out strategy for their encryption projects based on which systems are at greatest risk.

Encryption Management Server

Operating System Soft Appliance	VMWare® vSphere 4.1 Update 1 VMWare® ESXi
Directory Integration	Microsoft® Active Directory 2000, 2003 Lotus® Notes/Domino Directory 6.5, 7.0 OpenLDAP 2.3.x PGP Global Directory
For more detailed hardware specifications:	http://www.symantec.com/universal-server/system-requirements

Symantec Drive Encryption

Operating System	Microsoft Windows Windows 7, Vista, XP, 2000 Windows Server 2003, 2008 (all 32 and 64-bit editions) Apple Mac OS X (Intel-based only) 10.5.x, 10.6.x, 10.7 Linux Ubuntu 8.04 and 9.04 (32 and 64-bit versions) Ubuntu 10.04 (64-bit version) Red Hat Enterprise Linux/CentOS 5.2, 5.3, 5.5, (32 and 64-bit versions) 5.6 (32-bit version) 6.0 (64-bit version)
For more detailed specifications:	http://www.symantec.com/whole-disk-encryption/system-requirements

Desktop Email Encryption

Operating System	Windows Microsoft Windows 7, Vista, XP Microsoft Windows Server 2003 (all 32-bit and 64-bit editions) Apple Mac OS X (Intel-based only) 10.5.x, 10.6.x, 10.7
Email Clients	Microsoft Outlook 2003, 2007, 2010, Express6, Mac 2011 Exchange Server 2003, 2007, 2010 on-premise only Microsoft Windows Mail 6.0.600.16386 Microsoft Windows Live Mail Mozilla Thunderbird 3.0 Lotus Notes/Domino Server 7.04, 8.02, 8.5.1, 8.5.2 Novell GroupWise 6.5.3 Apple Mail 3.5, 4.0, 4.5
For more detailed hardware specifications:	http://www.symantec.com/desktop-email/system-requirements

Gateway Email Encryption

Gateway Email Encryption	Microsoft Windows Microsoft Exchange 2000-2010 Lotus Lotus Domino Server 5.0.11, 6.5, 7.0.1, 8.5.2 CommuniGate Stalker Communicate 4.2.8 VMWare VMWare vSphere 4.1 Update 1 VMWare ESXi
For more detailed hardware specifications:	http://www.symantec.com/universal-gateway-email/system-requirements

Mobile Email Encryption

iOS Devices	iPod touch® 3rd/4th Generation iPhone® 3GS, 4, 4S iPad® iPad, iPad2, iPad HD
Android Devices	HTC® Motorola® Samsung®
Operating Systems	iOS 4.3.x, 5.x Android™ 2.3, 3.0, 4.0 Windows® Mobile 5.6, 6.1 – (Standard and Professional) 6.0, 6.1 (Professional)
For more detailed hardware specifications:	

File Share Encryption

Operating System	Microsoft Windows Windows 7, Vista, XP (all 32 and 64-bit editions)
For more detailed specifications:	http://www.symantec.com/netshare/system-requirements

New Product Names Effective Early 2013 Powered by PGP™ Technology	Current Product Names
Symantec™ Encryption Management Server	PGP Universal Server
Symantec™ Drive Encryption	PGP Whole Disk Encryption
Symantec™ Desktop Email Encryption	PGP Desktop Email
Symantec™ Gateway Email Encryption	PGP Universal Gateway Email
Symantec™ File Share Encryption	PGP Netshare
Symantec™ Encryption Desktop Storage	PGP Desktop Storage
Symantec™ Encryption Desktop Professional	PGP Desktop Professional
Symantec™ Encryption Desktop Corporate	PGP Desktop Corporate

More Information

Visit our website

<http://go.symantec.com/encryption>

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 protects the world's information and is the global leader in security, backup, and availability solutions. Our innovative products and services protect people and information in any environment—from the smallest mobile device to the enterprise data center to cloud-based systems. Our industry-leading expertise in protecting data, identities, and interactions gives our customers confidence in a connected world. More information is available at www.symantec.com or by connecting with Symantec at go.symantec.com/socialmedia.

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