

# Symantec Endpoint Encryption 7.0

Advanced encryption solution for desktops, laptops, and removable storage devices

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## Overview

Data protection is a critical issue in many organizations today as an increasing amount of valuable information travels across various environments and is stored on an ever-growing array of endpoint devices, including PCs, laptops, and removable storage devices such as hard disks and USB memory sticks. Symantec Endpoint Encryption 7.0 offers a scalable, enterprise-wide security solution that delivers comprehensive protection and prevents unauthorized access to these endpoints with strong encryption and access control technologies.

Many organizations require a more secure way to authenticate users during log-on and before accessing data on PCs, laptops, removable storage devices, and removable media. Symantec Endpoint Encryption 7.0 meets this requirement by enabling multi-factor authentication, which requires users to both know something (their ID and password) and have something (a physical identifier like a smartcard) before granting access to systems and encrypted data.

Symantec Endpoint Encryption 7.0—Removable Storage Edition enables businesses of all sizes to maximize the productivity benefits of using removable storage devices while minimizing the risks these devices pose to data security. It is designed to protect all data on USB, FireWire, Compact Flash, iPod, and other storage devices and media. The solution enables the use of multi-factor authentication to safeguard access to data stored on removable storage devices and removable media.

Symantec Endpoint Encryption 7.0—Full Disk Edition is a full disk encryption solution designed to protect all data

on the hard drive of a Microsoft® Windows®-based machine. It allows administrators to encrypt the laptop's hard drive to ensure safe harbor and, more importantly, to prevent the exposure of sensitive data should a laptop be lost or stolen. This solution enables the use of multi-factor authentication to extend the security of user log-on and protect access to data stored on Windows systems.

With the Symantec advanced encryption solution, encryption is transparent to the end user and performed with minimal performance impact. As a result, proper endpoint security measures are taken on each of these corporate endpoints to help mitigate the increasing risk of potential data loss.

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## Symantec Endpoint Encryption 7.0 key benefits

- Protects and prevents your information from accidental data loss
- Assures protection for desktops and laptops against unauthorized access
- Provides full encryption of data on hard disks
- Streamlines deployment and notification with the included Altiris® Connector
- Meets government directives and regulations

- Offers boot protection, multi-factor authentication, pre-boot authentication and event logging
- Supports Single Sign-On (SSO) to avoid the need to remember and enter multiple passwords
- Scalable, centralized management for easy deployment and administration
- Supports Microsoft® Active Directory®, Novell eDirectory™, and non-domain endpoints

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#### **Symantec Endpoint Encryption 7.0—Removable Storage Edition key features**

- Comprehensive device and media support
- Scalable key management and password recovery
- Microsoft Active Directory® Integrated Enterprise Management Console
- Kiosk mode that allows access to large numbers of people without pre-registration
- Multi-factor authentication for increased security

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#### **Symantec Endpoint Encryption 7.0—Full Disk Edition key features**

- Pre-boot password or Smart Card–based authentication grants only authorized individuals access to computer’s data
- Supports Single Sign-On to the network domain
- Multi-factor authentication for increased security
- Supports multiple users and administrators on individual machines
- Provides extensive logging of status and activity of hard disk encryption application
- Protection operates transparently to users with minimal

performance impact

- Helps achieve regulatory compliance with legislation (and standards such as PCI, SB1386, HIPAA, etc.)
- Encrypts data “on-the-fly” and is transparent, with virtually no performance degradation and requiring no end-user training
- Scalable key management and password recovery
- Microsoft Active Directory® Integrated Enterprise Management Console
- Novell Windows Client on Microsoft Windows 2000 and Windows XP Professional

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#### **Symantec Endpoint Encryption 7.0 features and technical specifications**

- Pre-boot password or smartcard-based authentication ensures only authorized individuals have access to data
- Supports broad range of tokens and Smartcards, including support for CAC v2, GSC-IS 2.1, Aladdin eToken and RSA
- Supports broad range of hardware readers, including all CCID-compliant USB readers and PCMCIA and embedded machine readers
- Easy central deployment, administration, and management features
- Supports multiple users and administrators on individual machines
- Key sharing mechanisms that allow users to share access to files securely
- Secure user recovery without key vulnerabilities
- On-the-fly file encryption for removable media

(Symantec Endpoint Encryption 7.0—Removable Storage Edition only)

- Mandatory security through enforceable policies
- Extensive auditing and reporting capabilities
- Support for multiple encryption algorithms including AES-256
- FIPS 140-2 validated cryptographic library

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### **System requirements**

#### **Management Server Hardware requirements**

- Processor: 1.3 GHz Intel Pentium 4 or higher processor (or equivalent)
- RAM: 1 GB RAM
- Free disk space: 80 MB free disk space

#### **Management Server Software**

- Windows Server 2003\*
  - Standard or Enterprise Edition(s)
  - SP1 or SP2
- Windows Server 2008
  - Standard or Enterprise Edition(s)
  - 32-bit or 64-bit

\*Includes Windows Server 2003 R2

#### **Client Hardware requirements**

- Processor: 223 MHz or faster
- RAM: 512 MB or more recommended
- Free disk space: 65MB

#### **Client Software requirements**

- Windows XP - Professional or Tablet\* SP1, SP2, SP3; 32-bit or 64-bit
  - Microsoft .NET Framework 1.1 or 2.0
  - Microsoft Internet Explorer 6.0 with SP2 or Internet Explorer 7
- Windows 2000 - Professional—SP4
  - Microsoft .NET Framework 1.1 or 2.0
  - Microsoft Internet Explorer 6.0 with SP2
- Windows Vista\*\* - Business, Ultimate, or Enterprise SP1 or None; 32-bit or 64-bit
- Windows 7 - Professional, Ultimate, or Enterprise; 32-bit or 64-bit

\*A keyboard is required for tablet PCs

\*\*Windows Vista is supported only when run on Vista Capable hardware

\*\*\*SSO synchronization with Novell Client 4.9.1 SP3 is not supported on Windows Vista

#### **Altiris Notification Server™ (Optional) \***

- Altiris Notification Server 6.0 SP3 Rollup Pack 7

\* Required only for optional Altiris integration component

## Data Sheet: Endpoint Security Symantec Endpoint Encryption 7.0

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### *About Symantec*

Symantec is a global leader in providing security, storage, and systems management solutions to help businesses and consumers secure and manage their information. Headquartered in Cupertino, Calif., Symantec has operations in more than 40 countries. More information is available at [www.symantec.com](http://www.symantec.com).

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