Symantec Endpoint Suite Product Guide

Who should read this paper

Functional IT Manager/Director

✓Symantec.

Content

Customer Challenges

Safeguarding your organization's business-critical assets in today's ever-changing threat landscape has never been more difficult. The threat environment is evolving quickly, and given the size and complexity of today's networks, organizations are struggling to keep up. Last year, we saw 317 million new malware variants, while targeted attacks and zero-day threats were at an all-time high. Email continues to be the number one attack vector for criminals, making email security and email encryption necessary to prevent data loss and the costs related to a data breach.

For today's mobile workforce, laptops and mobile devices provide the freedom of being able to work from anywhere. Increasingly, employees are logging in to corporate networks from hotel rooms, coffee shops and airports. With this freedom comes a much greater risk of these devices, and sensitive data, being lost or stolen.

In 2014, Symantec found that 17 percent of all Android apps (Of the 6.3 million apps analyzed nearly one million total) were actually malware in disguise. Additionally, grayware apps (2.3 million were classified as grayware), which aren't malicious by design but do annoying and inadvertently harmful things like track user behavior, accounted for 36 percent of all mobile apps.

To enable more employee productivity and BYOD (bring your own device), IT teams need to connect employees to networked resources, while still securing the network and data. Symantec found that 17 percent of all Android apps (nearly one million total) were actually malware in disguise. For security administrators and executives, this means a greater risk of a costly data breach.

Endpoint Suite Overview

Symantec™ Endpoint Suite removes complexity by combining products to provide layers of protection for your endpoints, mobile, and email infrastructure—all backed by one of the world's largest civilian threat intelligence networks. It protects against malware and data loss with endpoint protection, endpoint encryption, and secures email servers and gateways from malware and spam while it encrypts email to prevent data loss to achieve compliance. Symantec™ Endpoint Suite makes it easy to purchase an unparalleled combination of award-winning technologies from the world leader in security and data protection. Predictable subscription pricing and per user licensing helps reduce both up-front and on-going costs.

Complete protection for laptops, desktops, and mobile devices against malware

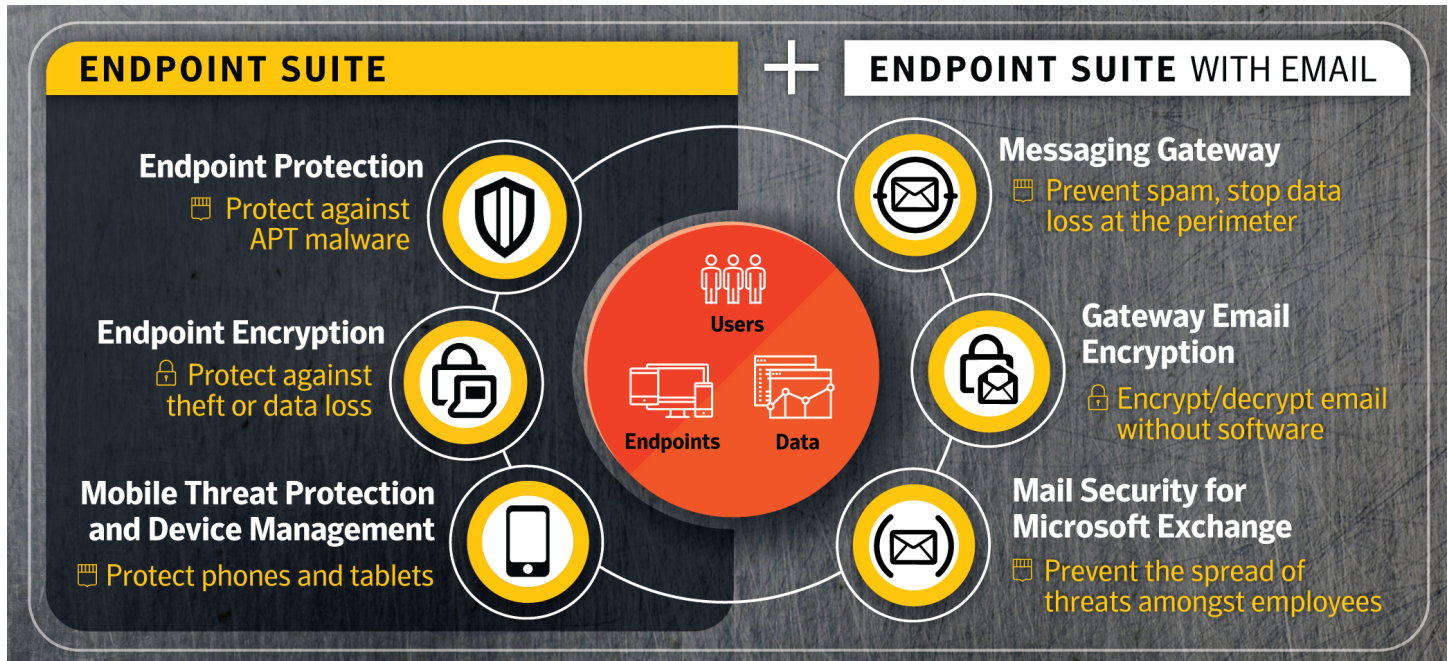- Symantec Endpoint Protection provides the security you need through a single, high-powered agent, for the fastest, most-effective protection available. It's more than antivirus, Endpoint Protection stops targeted attacks and advanced persistent threats that cannot be stopped by antivirus alone.
- Symantec Endpoint Encryption, powered by PGP, protects data with strong full-disk and removable media encryption and features compliance-based, out-of-the-box reporting plus customizable reports.
- Symantec Mobile threat protection and device management provides trusted security for mobile devices and protects data from data leakage, malware and unauthorized access so you can securely embrace BYOD with your employees.

Secure email gateways, email encryption, and mail server protection to prevent data loss

- Symantec Messaging Gateway defends your email and productivity infrastructure at the perimeter with accurate real-time antispam and antimalware protection while advanced content filtering and data loss prevention technologies block sensitive information from leaving your network.
- Symantec Gateway Email Encryption, powered by PGP, encrypts messages to safeguard the confidentiality of sensitive data you exchange with customers and business partners via email, regardless of whether or not recipients have their own email encryption software. It helps you comply with regulatory mandates.
- Symantec Mail Security for Microsoft Exchange complements endpoint protection by preventing the spread of email-borne threats and enforcing data loss prevention policies. It leverages Symantec Premium Antispam to stop 99 percent of spam with less than one in 1 million false positives.

Single solution to drive down costs and stretch IT budgets

- See measurable savings from simplified subscription-based pricing and take the mystery out of license, support, and renewal costs while proactively securing all endpoints and email infrastructure. You can stretch IT budgets to provide more security coverage for less money.
- Remove complexity and consolidate patchwork, multi-vendor, solutions to achieve compliance and protect confidential data by layering endpoint, encryption, mobile, and email technologies from one trusted vendor, Symantec.
- Single purchase, single support for trouble-shooting, reduces up-front and on-going costs of managing numerous technologies and vendors while standardizing on market leading products from Symantec which are backed by one of the world's largest civilian threat intelligence networks.

Endpoint Suite Component Products

Symantec Endpoint Suite is made up of the following component products:

Symantec Endpoint Protection--Protect against APT malware

Symantec Endpoint Encryption--Protect against theft or data loss

Symantec Mobile--Threat Protection and device management mobile phones and tablets

Symantec Endpoint Suite with Email Component Products

Symantec Endpoint Suite with Email is made up of the following component products:

Symantec Endpoint Protection--Protect against APT malware

Symantec Endpoint Encryption--Protect against theft or data loss

Symantec Mobile--Threat Protection and device management mobile phones and tablets

Symantec Messaging Gateway--Prevent spam, stop data loss at the perimeter

Symantec Gateway Email Encryption--Encrypt/decrypt email without software

Symantec Mail Security for Microsoft Exchange--Prevent the spread of threats amongst employees

Endpoint Protection

The growth in targeted attacks and advanced persistent threats require layered protection and intelligent security at the endpoint. Symantec Endpoint Protection 12.1 brings unrivaled security, blazing performance, and smarter management across both physical and virtual environments. By leveraging the world's largest civilian threat intelligence network, Symantec can proactively identify at-risk files and stop zero-day threats without slowing down your performance. Only Symantec Endpoint Protection 12.1 provides the security you need through a single, high-powered agent, for the fastest, most-effective protection available.

Key Features

Unrivaled Security - Stops targeted attacks and advanced persistent threats with layered protection at the endpoint

- Network Threat Protection analyzes incoming data streams and proactively blocks threats
- Insight™ reputation analysis separates files at-risk from safe files for faster more accurate detection
- SONAR™ behavioral analysis monitors application behavior in real-time and stops targeted attacks and zero-day threats
- Strong antivirus, antispyware and firewall protection

Blazing Performance - Optimized for strong performance in both physical and virtual environments

- Insight technology only requires scanning of at-risk files, reducing scan time by up to 70%
- Reduced client size with smaller memory footprint for embedded systems or VDI
- Reduced network load with flexibility to control number of network connections and bandwidth

Smarter Management - Singular management console across physical and virtual platforms with granular policy control

- Single high performance agent with single management console for Windows, Mac, Linux, virtual machines and embedded systems
- Support for remote deployment and client management for Windows and Mac
- Granular policy control with system lockdown, application and device control and location awareness

Get more information from the [Symantec Endpoint Protection](#) web page

Endpoint Encryption

Symantec Endpoint Encryption, powered by PGP technology provides organizations with strong full-disk and removable media encryption and the ability to integrate with Symantec Data Loss Prevention. Intuitive management enables enterprise scale deployments and features compliance-based, out-of-the-box reporting plus customizable reports. Management capabilities include support for native OS encryption (FileVault2) and Opal compliant self-encrypting drives.

Key Features

- Built PGP Strong - High performing, strong encryption, built with PGP Hybrid Cryptographic Optimizer (HCO) technology and leveraging AES-NI hardware optimization for even faster encryption speeds.
- Single-Sign-On – SSO means fewer passwords for users to remember.
- Key Recovery – Multiple recovery options allow organizations to determine the right solution for them to minimize potential lockouts and reduce HelpDesk calls.
- Active Directory Support – Individual and group policies and keys can be synchronized with Active Directory to help speed deployments and reduce administration burdens.
- Robust Reporting – Administrators can take advantage of out-of-the-box compliance reports or customize their own reports to help ease the burden of proof to auditors and key stakeholders.
- Heterogeneous Management – Management capabilities have been extended to include support for FIleVault2 (Apple's native OS encryption solution), as well as support for Opal compliant self-encrypting drives.

Get more information from the [Symantec Endpoint Encryption](#) web page

Mobile Threat Protection

Designed for large enterprise-scale deployments, Threat Protection manages thousands of devices through one centralized console, reducing the cost and complexity of security. Through the console, you can easily set security policies; robust reporting rapidly demonstrates compliance with internal and security requirements.

Key Features

- Neutralizes malware, grayware and other mobile threats.
- App Advisor powered by Norton Mobile Insight identifies risky apps – apps that leak data and content, drain battery power or consume too much bandwidth – and allows users to remove them.
- App Advisor for Google Play provides proactive protection by automatically scanning apps before downloading them from the Google Play store.
- Anti-phishing Web protection blocks fraudulent websites to protect sensitive information.
- Reduce mobile spam by blocking unwanted calls and SMS text messages.
- Automatically scan SD memory cards for threats when users plug them into device.

- Fast and effective on-device scans have negligible impact on mobile device performance.
- Integration with Symantec LiveUpdate automates and simplifies virus definition updates, helping to ensure that devices are safe from the latest threats.

Get more information from the [Symantec Mobile Threat Protection](#) data sheet

Mobile Device Management

Mobility Device Management (MDM) offers a centralized system for device management and data security for the complex and heterogeneous mobile device landscape that enterprises must manage today. Through Device Management, enterprises can master mobile email and application rollouts, safeguard mobile data and devices, and gain comprehensive visibility and control of the mobile environment, regardless of platform, device type or service provider.

Key Features

- **Enablement**—Enterprises need user-friendly processes to enroll, deploy, and configure all mobile devices, applications, and content for the enterprise. Symantec Mobility Device Management enables easy end user access to corporate resources.
- **Security**—Ensures corporate compliance by enabling advanced security settings on devices. Mobile administrators can enable policy controls from passwords and application restrictions, to certificate distribution and remote actions like device lock or wipe.
- **Management**—Symantec's Mobility Device Management platform provides cross-platform device management, with enterprise directory integration, role-based access-control and content delivery.

Get more information from the [Symantec Mobile Device Management](#) data sheet

Message Gateway

Symantec Messaging Gateway enables organizations to secure their email and productivity infrastructure with effective and accurate real-time antispam and antimalware protection, targeted attack protection, advanced content filtering, data loss prevention, and optional email encryption. Messaging Gateway is simple to administer and catches more than 99% of spam with less than one in 1 million false positives.

Key Features

- Targeted Attack Protection: Disarm, a proprietary Symantec technology, helps protect against targeted attacks and zero day malware by removing exploitable content from Microsoft Office and PDF attachments.
- Antispam filtering engine powered by Brightmail - a set of technologies that identify email borne threats based on reputation on both the global and local level.
- Strong data loss prevention capabilities ensure customers stay in regulatory compliance.
- Expanded URL Reputation: By analyzing destination website content, Messaging Gateway has more known threat URLs to block more spam, malware, and phishing messages.
- Outbound Sender Throttling: Prevent outbound spam attacks from compromised internal users.

Get more information from the [Symantec Messaging Gateway](#) web page

Gateway Email Encryption

Symantec Gateway Email Encryption provides centrally managed email encryption to secure email communications with customers and partners regardless of whether or not recipients have their own email encryption software. With Gateway Email Encryption, organizations can minimize the risk of a data breach while complying with regulatory mandates for information security and privacy.

Key Features

- **Customizable** - Provides customizable, secure delivery options such as a secure web portal or protected PDF attachments even if the recipient lacks their own encryption solution.
- **Integration** - Optional integration with Symantec Data Loss Prevention or Symantec Messaging Gateway allows organizations to protect potentially sensitive communications from leaving their network unencrypted.
- **Management** - Integrated management includes:
  - Automated key management and policy controls synched with Active Directory or LDAP
  - Extensive reporting and logging
  - Multiple recovery options

Get more information from the [Symantec Gateway Email Encryption](#) web page

Mail Security for Microsoft Exchange

Symantec™ Mail Security for Microsoft® Exchange combines Symantec™ antimalware technology with advanced heuristics to provide real-time email protection against viruses, spyware, phishing, and other malicious attacks while enforcing content filtering policies on Microsoft® Exchange Server 2007, 2010 and 2013. In addition, Mail Security leverages Symantec™ Premium AntiSpam, powered by Brightmail technology, to stop 99 percent of incoming spam with less than one in 1 million false positives.

Key Features

Superior Protection

- Upgraded antispam and antimalware components leveraging Symantec latest protection techniques
- Powered by Premium AntiSpam, stopping 99 percent of spam with less than one in 1 million false positives
- Ability to scan messages in transit or on the mailbox to protect against email borne threats
- Rapid release definitions and advanced heuristic technologies provide immediate protection
- Advanced content filtering protects sensitive information using pre-defined policies, regular expressions, attachment ?criteria, true file typing, and more. Microsoft Active Directory® based enforcement simplifies policy management

Flexible and Easy to Use Management

- Initial setup can be completed within 10 minutes with no requirements for tuning, allow listing, or block listing
- Management console provides remote installation, centralized server group policy configuration, notifications, alerts, and schedulable consolidated reporting

Get more information from the [Symantec Mail Security for Microsoft Exchange](#) web page

About Symantec

Symantec Corporation (NASDAQ: SYMC) is an information protection expert that helps people, businesses and governments seeking the freedom to unlock the opportunities technology brings – anytime, anywhere. Founded in April 1982, Symantec, a Fortune 500 company, operating one of the largest global data-intelligence networks, has provided leading security, backup and availability solutions for where vital information is stored, accessed and shared. The company's more than 19,000 employees reside in more than 50 countries. Ninety-nine percent of Fortune 500 companies are Symantec customers. In fiscal 2015, it recorded revenues of $6.5 billion. To learn more go to www.symantec.com or connect with Symantec at: go.symantec.com/socialmedia.

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

Symantec World Headquarters

350 Ellis St.

Mountain View, CA 94043 USA

+1 (650) 527 8000

1 (800) 721 3934

www.symantec.com

Insight

Work smarter

At Insight, we'll help you solve challenges and improve performance with intelligent technology solutions.

Learn more