

Symantec™ Endpoint Protection 12.1.6 Datasheet

Data Sheet: Endpoint Security

Overview

Last year, we saw 317 million new malware variants, while targeted attacks and zero-day threats were at an all-time high¹. The threat environment is evolving quickly and coupled with the size and complexity of today's networks, organizations are struggling to keep up. Symantec™ Endpoint Protection is designed to address these challenges with a layered approach to security at the endpoint. It goes beyond traditional antivirus to include firewall, IPS and advanced protection technologies powered by the world's largest civilian threat intelligence network. Symantec Insight™ technology blocks rapidly-mutating malware and enables faster scan times, while SONAR™ stops zero-day threats by monitoring file behavior and blocking suspicious files while they execute. Granular policy settings such as system lockdown, application and device control provide an added layer of security. With a single management console and high-powered agent, Symantec Endpoint Protection delivers powerful protection at the endpoint without compromising performance.

Unrivaled Security

Stops targeted attacks and advanced persistent threats with intelligent security and layered protection

- Leverages the world's largest civilian threat intelligence network made up of 57 million attack sensors monitoring 175 million endpoints in 157 countries that feed data into our proactive protection technologies
- Derived from this intelligence network, our unique Insight™ technology identifies file reputation by analyzing key file attributes such as how often a file has been downloaded, how long has a file been there, and where it is being downloaded from. This information allows us to block more threats and defend against new, mutating malware.
- SONAR™ technology, also powered by this intelligence network, monitors application behavior in real-time and stops targeted attacks and zero-day threats
- Network Threat Protection analyzes incoming data streams that arrive on a user's machine via network connections and blocks threats before they hit the system
- Symantec™ Endpoint Protection detects and removes threats more accurately², repeatedly scoring AAA rating, the highest score, by Dennis Labs Real World A/V Test

Blazing Performance

Performance so fast your users won't know it is there.

- The Symantec Insight™ technology included in Endpoint Protection accurately identifies file reputation so only at-risk files are scanned, effectively eliminating up to 70 percent of scan overhead compared to traditional solutions
- Reduced client size by 90% with smaller memory footprint that better fits embedded systems and VDI
- Reduces network load by providing flexible control over the number of connections and bandwidth
- Outperforms all products in its class in scan speed and total performance impact³

1. Symantec Internet Security Threat Report 2015

2. AV-Test, Product Review, Corporate Solutions for Windows 7, April 2015

- Ability to throttle the bandwidth used between the client and the server

Smarter Management

Single management console across physical and virtual platforms with granular policy control

- Delivers intelligent security technologies and policy lockdown features in a single high performance agent with a single management console across PC, Mac, Linux, virtual machines, and embedded systems
- Provides granular policy control with the flexibility to customize policies depending on users and their location
- Supports remote deployment and client management for both PC and Mac making it easier to keep remote endpoints up-to-date
- Expands traditional reporting by incorporating multi-dimensional analysis and robust graphical reporting in an easy-to-use dashboard
- Group Update Provider reduces network overhead and decreases the time it takes to get updates by enabling one client to send updates to another, enabling more effective updates in remote locations

5 Layers of Protection

Symantec™ Endpoint Protection 12.1.6 provides **5 layers of protection** in one high performance agent all managed through a single console.

1) Network: Symantec's network threat protection includes *Vantage* technology that analyzes incoming data and blocks threats while they travel through the network before hitting the system. Rules-based firewall and browser protection are also included to protect against web-based attacks.

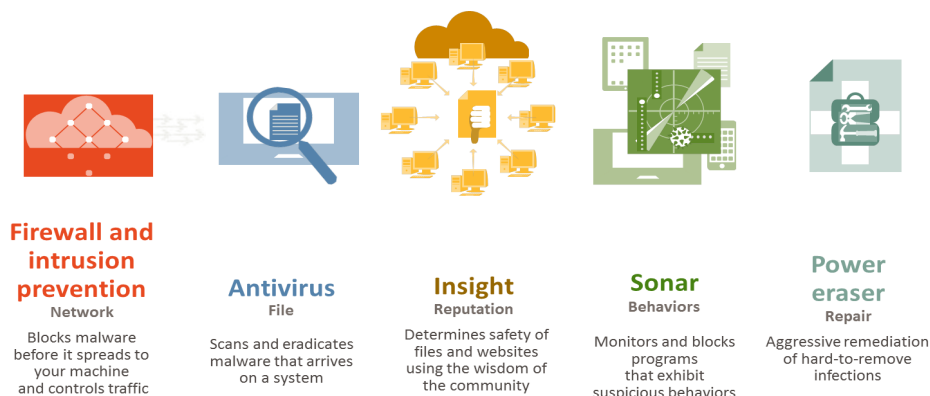
2) File: Signature-based antivirus looks for and eradicates malware on a system to protect against viruses, worms, Trojans, spyware, bots, adware, and rootkits

3) Reputation: Symantec's unique *Insight*™ correlates tens of billions of linkages between users, files, and websites to detect rapidly mutating threats. By analyzing key file attributes, *Insight*™ can accurately identify whether a file is good and assign a reputation score to each file, effectively protecting against targeted attacks while reducing scan overhead by up to 70%.

4) Behavior: SONAR™ leverages artificial intelligence to provide zero-day protection. It effectively stops new and unknown threats by monitoring nearly 1,400 file behaviors while they execute in real-time to determine file risk.

5) Repair: Power Eraser™ aggressively scans infected endpoints to locate advanced persistent threats and remove tenacious malware. Remote support enables the administrator to trigger the Power Eraser scan and remedy the infection remotely from the Symantec™ Endpoint Protection management console.

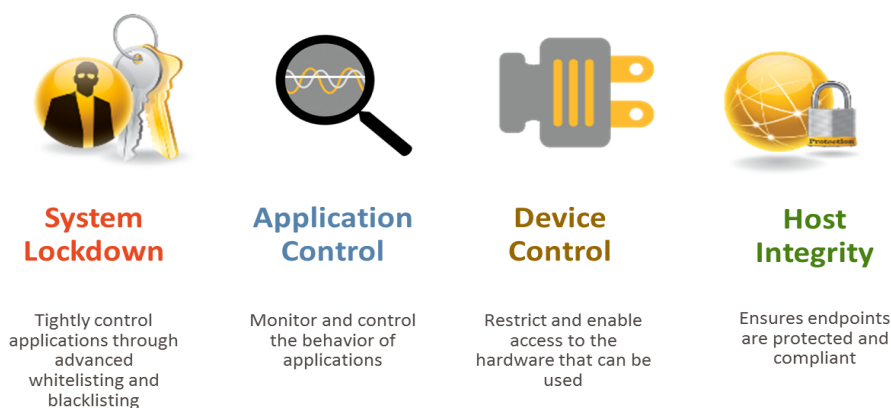
3. PassMark Software, "Enterprise Endpoint Security Performance Benchmarks", 2014.



Extended Policy Control Features

In addition to core protection technologies, Symantec™ Endpoint Protection 12.1.6 also provides granular policy controls, including:

- 1) System Lockdown:** Enhances protection for business critical systems by only allowing whitelisted applications (known to be good) to run or by blocking blacklisted applications (known to be bad) from running
- 2) Application and Device Control:** Helps prevent internal and external security breaches by monitoring application behavior and controlling file access, registry access, processes that are allowed to run, and devices information can be written to
- 3) Host Integrity Checking & Policy Enforcement:** Allows users to run script on their endpoints to verify and report compliance; quarantine location and peer-to-peer enforcement lockdown and isolate a non-compliant or infected system
- 4) Location Awareness:** Automatically detects what location a system is connecting from, such as a hotel, hotspot, wireless network, or VPN and adjusts the security to offer the best protection for the environment



Optimization for Virtual Environments

Symantec™ Endpoint Protection protects your high-density virtual environment while maintaining performance levels superior to agentless solutions and providing end-to-end security visibility.

- 1) VMware vShield Integration:** Allows higher VM density and reduces I/O and CPU usage
- 2) Virtual image exception:** Whitelists files from a standard virtual machine image to optimize scanning

- 3) Resource leveling:** Randomizes scan and update schedules to prevent resource utilization spikes
- 4) Shared Insight™ cache:** Scans files once, shares the results between clients, and de-duplicates file scanning to reduce bandwidth and latency
- 5) Virtual client tagging:** Automatically detects and reports whether the client is running in a virtual environment, making it easier to set different policies for virtual machines
- 6) Offline image scanning:** Finds threats in offline virtual machine images
- 7) Scan throttling for virtualization:** Detects disk load and reduces scan speed to prevent utilization spikes

Client Workstation and Server System Requirements*
Windows Operating Systems
Windows XP (32-bit, SP3 or later; 64-bit)
Windows XP Embedded (SP3 or later)
Windows Vista (32-bit, 64-bit)
Windows 7 (32-bit, 64-bit)
Windows 7 Embedded
Windows 8 (32-bit, 64-bit)
Windows 10 (32-bit, 64-bit)
Windows Server 2003 (32-bit, 64-bit, R2 or SP1 or later)
Windows Server 2008 (32-bit, 64-bit, including R2)
Windows Server 2012 (64-bit, including R2)
Windows Small Business Server 2011 (64-bit)
Windows Essential Business Server 2008 (64-bit)
Macintosh Operating Systems
Mac OS X 10.6.8, 10.7, 10.8, 10.9
Mac OS X Server 10.6, 10.7, 10.8, 10.9
Linux Operating Systems (32-bit and 64-bit versions)
Red Hat Enterprise Linux
SuSE Linux Enterprise (server/desktop)
Novell Open Enterprise Server
Oracle Linux
VMWare ESX
Ubuntu
Debian
Fedora
Virtual Environments
vSphere Server (ESXi)
Microsoft Hyper-V
Citrix XenServer, XenDesktop, XenApp
Hardware Requirements
1GHz CPU or higher
512 MB of RAM (1 GB recommended)
850 MB of free space on the hard disk

Manager System Requirements
Windows Operating Systems
Windows 7
Windows XP (32-bit, SP3 or later; 64-bit, SP3 or later)
Windows Server 2003 (32-bit, 64-bit, R2 or SP1)
Windows Server 2008 (32-bit, 64-bit, including R2)
Windows Small Business Server 2008 (64-bit)
Windows Small Business Server 2011 (64-bit)
Windows Essential Business Server 2008 (64-bit)
Windows Server 2012 (64-bit, including R2)
Hardware
1GHz CPU or higher
1 GB of RAM (2 GB recommended)
16 GB or more free space on the hard drive
Web Browser
Microsoft Internet Explorer
Mozilla Firefox
Database
Embedded database included or chose from the following:
SQL Server 2005, SP4 or later
SQL Server 2008 and R2
SQL Server 2012
SQL Server 2014

* [For a complete list of system requirements visit our support page](#)

More Information

Try it now for FREE

Try the leading solution in endpoint protection by downloading a free 30-day trial today:

<http://www.symantec.com/endpoint-protection/trialware>

Read third party reviews and find out why Gartner has ranked Symantec as a leader in the Endpoint Protection magic quadrant:

<http://www.symantec.com/endpoint-protection/news-reviews>

Visit our website

<http://enterprise.symantec.com>

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Symantec World Headquarters

350 Ellis St.

Mountain View, CA 94043 USA

+1 (650) 527 8000

1 (800) 721 3934

www.symantec.com



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