

WS1000 APPLIANCE

Business challenge

Organisations face increasing threats from spyware, phishing attacks, viruses and other malware introduced to their networks through unmanaged web browsing. First-generation web security solutions are often ineffective in combating spyware, or too complex for small to mid-sized businesses. A fully effective solution is required that is simple to deploy and manage, enabling safe, efficient web browsing with minimum administrative burden.

The Sophos solution

Fast, full-spectrum protection

Sophos Web Appliances provide protection against the complete range of web threats – including spyware, adware, viruses, malicious code, unwanted applications and undesirable content. The Sophos WS1000 appliance features an innovative, full-spectrum scanning engine that detects all threats in a single rapid pass. A built-in cache provides quick access to frequently accessed sites.

Threat profiling

Sophos threat detection technology uses a multidimensional approach to keep networks safe from the ever-changing landscape of web threats – evaluating the category, code and conduct of a web page. It is powered by SophosLabs™ – a global network of threat detection centres that continuously analyses web traffic around the world, identifying new spyware, viruses and phishing attacks as they emerge. This unique combination of greater visibility and broader coverage delivers a more conclusive verdict on threats than any single-dimension approach can achieve.

Secure, controlled browsing

The Sophos WS1000 provides a complete infrastructure for secure browsing, eliminating the complexity of administering effective web security. The intelligently designed management console and powerful reporting tools deliver unprecedented insight into web traffic, threats and user behaviour. Both legitimate and illegitimate web use can be monitored and controlled with greater confidence and less administrative effort, ensuring a safe and productive workplace.

Managed appliance

Every Sophos appliance is a managed appliance, efficiently combining the security, insight and control of a conventional appliance with the ease of operation and high-availability of a managed service, delivering better protection, easier deployment and lower total cost of ownership. Features such as automatic updates every five minutes, remote “heartbeat” monitoring, and on-demand remote assistance ensure the WS1000 delivers the industry’s most dependable and effective gateway security.

Key benefits

- » Inspects and secures web traffic against spyware, viruses, adware and other potentially unwanted applications.
- » Prevents access to known malicious web sites, hidden malicious code, phishing sites and undesirable content.
- » Guarantees accurate detection with low system impact and negligible latency.
- » Keeps internal IP addresses invisible with onboard proxy.
- » Updates automatically with the latest protection from SophosLabs, a global network of threat analysis centres.
- » Provides at-a-glance views of system performance via a web-based dashboard.
- » Simplifies administration via a “3 clicks to anywhere” management console.
- » Enables more effective management of the web gateway with visual indicators and reports.
- » Ensures maximum availability with built-in diagnostics.
- » Includes remote “heartbeat” monitoring and on-demand remote assistance.
- » Includes 24x7x365 support for the duration of the licence and Sophos can be contacted for one-to-one assistance at any time.



Sophos WS1000: full-spectrum threat protection at the web gateway



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Technical details

Function

Provides a high-performance, secure and easy-to-use solution for safe and efficient web browsing, blocking malicious and unwanted content, including spyware and viruses.

Full-spectrum scanning technologies

- HTTP traffic and FTP via HTTP traffic is scanned according to established policy.
- Traffic using forged or invalid HTTPS certificates is blocked.
- A range of technologies, including Dynamic Code Analysis™, pattern matching, emulation and heuristics, automatically check for malicious code.

Proactive protection

- Genotype® technology proactively protects customers from new emerging threats before specific protection is released.
- Behavioral Genotype Protection blocks suspicious code before it executes: unlike runtime solutions, Sophos behavioural rulesets are constantly validated against an extensive library of legitimate applications, minimising the risk of false positives.

Onboard proxy

- All outbound requests for web content are channelled through a built-in proxy, providing a single point of logging and control.

Management console

- Web-based console and powerful dashboard enable simplified, coordinated management of security policy, with point-and-click customisation.
- Visual indicators and reports provide actionable information on security, suspect computers, and content filtering performance.

Managed appliance

- Receives automatic protection updates from Sophos every five minutes.
- Manages onboard disk space automatically to optimise data storage and performance.
- Provides visual alerts within the management console and sends email alerts.
- Allows remote “heartbeat” monitoring by Sophos to check connection status.

Languages supported

- End-user interface: English, French, German, Spanish, and Italian.
- Management console: English.

To request an evaluation: www.sophos.com/eval

ds/0708146

Specifications

Onboard software

- » Sophos full-spectrum scanning engine
- » URL filter
- » Management console and dashboard
- » System alerting and notification
- » Active Directory integration
- » Hardened Linux operating system optimised for Sophos software

Hardware

Processor

- » Intel Pentium D dual-core, 3.4 GHz

Memory

- » 4 GB

Hard drive

- » Two 160 GB SATA, 7,500 rpm

Power supply

- » 260 W, 100-240 V

Installation

- » 1U rack mounted

Regulatory/safety certification

- » UL, CE, FCC, VCCI, C-Tick, TÜV-GS, SABS, RoHS, WEEE

Hardware warranty

- » Up to 3-year advance replacement (subject to valid software licensing)

Sophos is a world leader in IT security and control. We offer complete protection and control to business, education and government organisations – defending against known and unknown malware, spyware, intrusions, unwanted applications, spam, and policy abuse, and providing comprehensive network access control (NAC). Our reliably engineered, easy-to-operate products protect over 100 million users in more than 150 countries. With over 20 years' experience and a global network of threat analysis centres, the company responds rapidly to emerging threats and achieves the highest levels of customer satisfaction in the industry. Sophos is a global company with headquarters in Boston, MA., and Oxford, UK.

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