

GATEWAY SECURITY

Business challenge

Growing pressure on enterprise gateway security and the constant need to reduce administration costs increase the demand for a solution that is simple to install, set up and use without sacrificing management insight and control. An appliance should deliver best-in-class gateway protection against spam, viruses, spyware and policy abuse, together with simple installation and more efficient and effective email management.

The Sophos solution

Compact, easy to set up and use

Sophos Email Security Appliances are the latest generation of enterprise-class gateway solutions, designed to deliver superior email protection in a compact, intelligent and easy-to-manage format. Innovative threat detection technologies provide industry-leading protection against spam, viruses, spyware and Trojans, as well as enforcing inbound and outbound email policy.

Effective, intelligent email protection

The intelligently designed web-based management console reduces administrative effort while allowing more effective and strategic management of the email gateway. It features a system dashboard that displays actionable information in a single, easy-to-use window. Powerful tools also allow administrators to track messages, produce statistical reports and generate predictive metrics on system capacity and availability.

Powered by SophosLabs

Each Sophos appliance is backed by the expertise of SophosLabs™ – our global network of threat analysis centres – automatically receiving updates every 5 minutes. SophosLabs analyses millions of emails a day around the world, identifying new and emerging spam, viruses, phishing attacks and other malicious content – 24 hours a day, 7 days a week.

Managed appliance

Sophos Email Security Appliances efficiently remove or automate most regular maintenance tasks, freeing administrators to focus on higher priorities. They combine the insight and control of an appliance with the convenience and high availability of a managed service, delivering better protection, easier deployment and lower total cost of ownership. Features such as remote “heartbeat” monitoring, exception-driven alerting, automatic capacity optimisation and on-demand remote assistance combine to deliver the industry’s most dependable and effective gateway security.

Key benefits

- » Blocks or quarantines up to 98.9% of spam at the email gateway*.
- » Provides industry-leading protection against viruses, spyware and Trojans in both inbound and outbound email.
- » Enables customised policy for unwanted and malicious content and attachments.
- » 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.
- » Includes remote “heartbeat” monitoring and on-demand remote assistance.
- » Enables more effective management of the email gateway with visual indicators and reports.
- » Eliminates the need for additional storage, with a large onboard message quarantine.
- » Reduces help desk administration, through end-to-end message tracking.
- » Ensures maximum availability with built-in diagnostics and system redundancy.
- » Provides on-demand remote assistance via reverse-tunnel SSH connection.
- » Includes unlimited 24-hour telephone, email and online support, 365 days a year.

* Veritest, December 2005



ES4000 and ES1000: fully integrated email gateway protection from Sophos

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Technical details

Function

Provides effective, intelligent and secure protection for enterprise email networks against spam, viruses, spyware, Trojans and offensive content.

Sophos anti-spam technologies

- Employs a multi-layered approach, optimising performance and minimising latency.
- Tests include Sophos IP Block List checks on sender reputation.
- Genotype® spam detection technology proactively blocks families of spam campaigns.

Sophos anti-virus technologies

- A range of technologies, including Dynamic Code Analysis™, pattern matching, emulation and heuristics, automatically check for malicious code.
- Genotype detection technology proactively blocks families of viruses.
- Behavioral Genotype Protection blocks malicious code before it executes, giving the benefits of a Host Intrusion Protection System (HIPS).

Management console

- Web-based console and powerful dashboard allow easy system navigation and intelligent overview of system performance.
- Visual indicators and reports provide a deep insight into system availability and real-time capacity.
- End-to-end message forensics enable message logs and the quarantine to be searched, saving time spent tracking lost, misplaced, or dropped emails.

Managed appliance

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

System availability

- Includes onboard redundant hard disks and power supply (ES4000 only).
- Provides 2-unit failover capability (active/passive).

Languages supported

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

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

Specifications

Onboard software

- » Sophos anti-virus engine
- » Sophos anti-spam engine
- » Sophos IP Block List (reputation filtering)
- » Management console and dashboard
- » System alerting and notification
- » Active Directory integration
- » Postfix MTA (mail transfer agent)
- » Hardened FreeBSD operating system

Hardware

ES1000	ES4000
Capacity	
20,000 messages per hour	80,000 messages per hour
Processor	
Intel Celeron D 2.53GHz	Two Intel Xeon 64-bit 3.2 GHz
Memory	
1 GB	2 GB
Hard drive	
160 GB SATA	Dual hot-swap 146 GB SCSI (RAID1)
Power supply	
260 W, 100/240 V	Dual hot-swap 540 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 integrated threat management solutions purpose-built for business, education and government. With 20 years' experience and consolidated anti-virus, anti-spyware and anti-spam expertise SophosLabs protects even the most complex networks from known and unknown threats. Our reliably engineered, easy-to-operate products protect over 35 million users in more than 150 countries from viruses, spyware, intrusions, unwanted applications, phishing, spam and email policy abuse. Round-the-clock vigilance has resulted in our increasingly rapid international growth, expanding user base and continuous profitability. Our instant response to new threats is matched by business-focused, 24/7 technical support, and has led to the highest levels of customer satisfaction in the industry.