

## MESSAGING SECURITY

### Business challenge

Enterprise networks face unprecedented exposure at the gateway. As the quantity of new threats continues to increase, so does the speed at which they spread. Blended threats and innovative methods of propagation increase the potential vulnerability to viruses and spam. Consequently, companies face a continuous need to protect gateway and internal messaging servers without compromising their stability or performance.

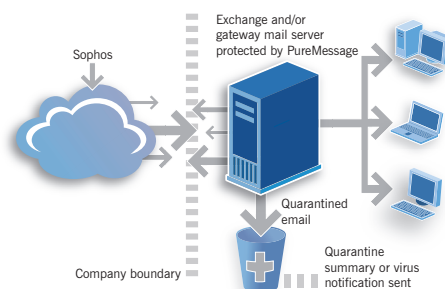
### The Sophos solution

Sophos PureMessage™ for Windows™/ Exchange provides a secure solution at the email gateway, integrating anti-virus, anti-spam and policy enforcement capabilities. Based on a scalable architecture, PureMessage includes innovative detection techniques that deliver proactive, sustained protection.

Award-winning technology scans all email at the gateway. It protects the enterprise network from email-borne viruses, Trojans, worms and malicious spyware. By countering the rapid evolution of new spam techniques, PureMessage also keeps inboxes free of unsolicited bulk email and helps maintain network performance and employee productivity. Automated tuning technology constantly balances a range of detection techniques to prevent protection

failures. Genotype™ technology blocks families of spam campaigns and viruses, ensuring that organisations are protected against previously unseen threats even before specific detection is available. PureMessage automatically receives the latest anti-virus updates and new spam rules created by expert analysts in the SophosLabs™.

The powerful technologies which enable this high-level of messaging security are complemented by a range of tools that simplify the administrative task and enable the product to scan both inbound internet mail as well as internal messages and stores. An intuitive end user interface and spam digests allow end users to review quarantine contents easily.



*PureMessage for Windows/Exchange: protecting the email server and the internal email environment*

### Key benefits

- » Protects global organisations from spam and viruses in multiple language message streams.
- » Detects, disinfects, deletes or quarantines viruses, Trojans, worms and malicious spyware.
- » Detects up to 98% of spam and protects against email scams, including phishing attacks.
- » Employs Genotype technology to catch evolving spam campaigns and new virus variants.
- » Integrates seamlessly with Microsoft® IIS SMTP and NNTP or Microsoft Exchange without compromising performance or integrity.
- » Enforces policies to block unwanted attachments and content.
- » Receives frequent virus updates automatically from Sophos.
- » Provides an end-user spam quarantine for quick retrieval of legitimate messages through both scheduled email digests and on-demand web access.
- » Updates automatically with the latest protection from SophosLabs™, a global network of threat analysis centres.
- » Includes unlimited 24-hour telephone, email and online support, 365 days a year.

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### Technical details

#### Function

Protects against spam and viruses at the gateway by scanning all internal, inbound and outbound email messages and Exchange server stores.

#### PureMessage Manager

An MMC-based administrative interface provides management of the following PureMessage features:

- Virus scanning and threat reduction features
- Spam thresholds and blocking options
- PureMessage spam quarantine
- End-user digest configuration and customisation.

#### End-user interface

- There is an optional scheduled email-based quarantine review and web-based access to personal quarantines.

#### Anti-spam module technologies

- Genotype spam detection technology blocks families of spam campaigns.
- Content scanning technology cleans up and deconstructs complex, disguised messages.
- Weighted tests include DNS blacklist checks, URL analysis that looks for known spammer assets and heuristic tests that capture new campaigns.
- Automatic tuning adjusts the weighting of tests to catch campaigns designed to bypass a single, popular filtering technique.

#### Anti-virus module technologies

- A range of technologies, including dynamic code analysis, pattern matching, emulation and heuristics, automatically check for malicious code.
- Genotype technology blocks families of viruses.
- Threat reduction technology blocks existing and new email-borne threats by allowing administrators to stop:
  - files by type, name or extension, even if the extension has been changed.
  - all messages with a specific subject line.
  - all mass mailings sent to more than a specified number of recipients.

#### Languages supported

English and Japanese.

To evaluate PureMessage, visit [www.sophos.com/products](http://www.sophos.com/products)

### System requirements

#### SMTP and NNTP gateways

- » Windows 2000 (Professional or Server)
- » Windows 2003
- » Windows XP Professional SP1

#### Exchange servers

- » Windows 2000 Server SP3 or 2003 Server

#### Administration console

- » Windows 2000 (Professional or Server)
- » Windows 2003
- » Windows XP Professional

#### Memory

- » Minimum: 256 MB (512 MB recommended)

#### Disk space

- » Minimum: 140 MB free

Sophos is a world-leading developer of anti-virus and anti-spam software. The company protects businesses and organisations – from small enterprises to academic and financial institutions to governments and global corporations – against viruses and spam. Sophos is acclaimed for delivering the highest level of customer satisfaction and protection in the industry. Sophos products are sold and supported in more than 150 countries through a global network of subsidiaries and partners.