

Sophos Email Security and Data Protection

Sophos Email Security and Data Protection enables complete security and data protection across the entire email infrastructure—from the gateway to the workgroup server—eliminating known and unknown threats including spam, phishing and malware, and preventing information leakage and compliance violations. It enables safe, productive internal and external email communication with minimal administrative and end-user effort.

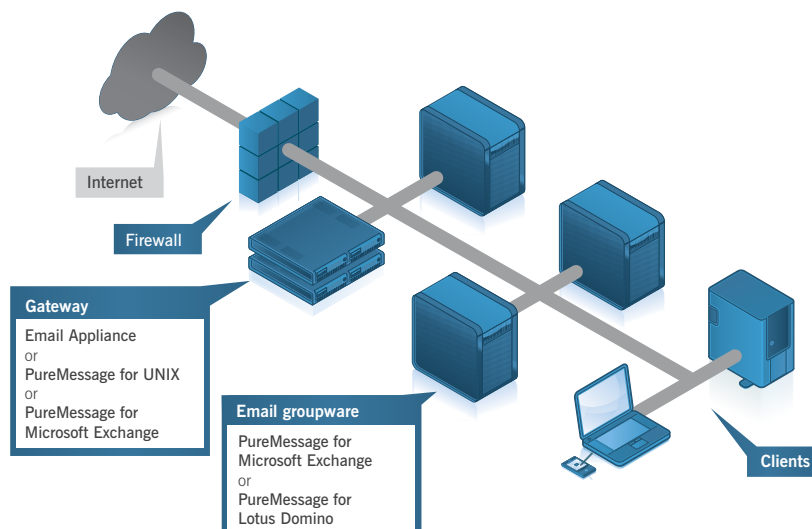
Complete security and data protection for your email infrastructure

Stopping unwanted and malicious email from getting into your inbox while preventing confidential information from leaking out is simple with Sophos Email Security and Data Protection. One license provides end-to-end security across the entire email infrastructure, with hands-off managed appliances and easy-to-use software:

- Our managed appliances and software solutions stop inbound threats, including spam, phishing attacks, spyware and malware, at the gateway quickly and effectively.
- Powerful encryption capabilities along with content and attachment controls reduce the risk of information leakage.
- Configurable policies give you the control you need to enforce acceptable email use and ensure compliance with legal and regulatory requirements.

Faster, better protection

SophosLabs™' malware, spam, application and web expertise ensures you get the fastest and best protection against blended threats. Behavioral Genotype® Protection and rapid signature updates combine to stop new and unknown spam and malware.



Key benefits

- » Protects the entire email infrastructure, from gateway to workgroup
- » Blocks spam, phishing, malware and unwanted applications
- » Provides proactive, zero-day protection using a range of defense technologies
- » Incorporates powerful encryption and content filtering and monitoring to prevent leakage of confidential or sensitive information via email
- » Receives and deploys the smallest, fastest automatic updates as frequently as every five minutes
- » Provides comprehensive real-time anti-spam protection
- » Is available in both hardware and software formats
- » Integrates seamlessly with Active Directory and other LDAP systems
- » Features remote monitoring of hardware and software performance on all appliances with on-demand remote assistance
- » Includes powerful reporting capabilities for better email system intelligence
- » Includes 24x7x365 support, updates and upgrades for the duration of the licence, and Sophos can be contacted for one-to-one assistance at any time

Proactive protection against spam, malware, phishing and other email-borne threats

- Sender Genotype protects against known and unknown spam sources, effectively eliminating up to 90% of spam before scanning.
- Genotype® detection technology proactively blocks families of malware and spam campaigns.
- Behavioral Genotype® Protection (HIPS) provides unique built-in intrusion prevention technology for the gateway. It detects new threats before code even begins to execute, proactively protecting against zero-day malware.
- A range of anti-spam techniques, including obfuscation detection, URL tracking, heuristics, and content fingerprinting, eliminates more than 99% of spam.
- A comprehensive real-time system protects against the latest spam campaigns with Sophos SXL technology.

Practical, effective data leakage prevention

Powerful tools in all Sophos Email Security and Data Protection solutions help guard against accidental or deliberate leakage of confidential information via email:

- Sophos's unique and simple data leakage prevention (DLP) technology integrates the scanning for sensitive information into the threat detection engine on both endpoint and email appliances with pre-packaged data definitions that enable swift, easy, consistent DLP policy.
- Internal and outbound message subjects, bodies and attachments are scanned for keywords, customized strings and file types.
- You can create custom disclaimers for outbound email from different groups of users.
- Flexible email encryption options include our full-featured stand-alone SafeGuard MailGateway software appliance, which ensures the full confidentiality, integrity and authenticity of your email content.
- Patent-pending SPX Encryption (available in our Email and Encryption appliance products) enables encrypted messaging with organizations or users that lack an encryption infrastructure by leveraging pervasive PDF technology offering the best user experience possible.
- Integrated TLS encryption as well as interoperability with third-party encryption solutions further extends the range of encryption options available for securing your message traffic.

Software components

Sophos anti-spam engine

A range of techniques to detect new and emerging spam campaigns, including Sender Genotype, checksums, heuristics, URL detection, and image and attachment fingerprinting

Sophos anti-malware engine

A single engine that detects and blocks all types of malware including spyware, Trojans, worms, suspicious files and unwanted applications in a single scan.

Sophos management consoles

Fully integrated consoles using either a web interface or Microsoft Management Console, with highly intuitive navigation and Active Directory integration that reduces the time spent managing the solution.

Solutions that fit the way you work

There is a Sophos Email Security and Data Protection solution for every email infrastructure, from the most complicated, high-volume installation to the small business with only a few mailboxes. Covering a range of platforms and all points of the email infrastructure, our solutions combine anti-malware and anti-spam protection, and let you enforce acceptable use of internal and outbound email using powerful policy capabilities.

Hardware solutions: gateway

Sophos Email Appliances

Designed for organizations seeking to reduce the time and effort spent on managing the email gateway, Sophos Email Appliances are hardened, high-performance solutions that deliver complete protection with less effort. They are the industry's first managed appliance, eliminating or reducing much of the administrative burden and providing unrivalled confidence and peace of mind. The appliances are remotely monitored for connection to Sophos to ensure constant up-to-the-minute protection and availability.

There are three models: ES1100 (capacity up to 200,000 messages/hour); the ES5000 (up to 380,000 messages/hour); and the ES8000 (up to 550,000 messages/hour).

Sophos SafeGuard MailGateway

Sophos SafeGuard MailGateway is a powerful, flexible, stand alone email encryption software appliance that easily integrates with other Sophos email products or any SMTP email infrastructure. It provides a full-featured, high-performance, scalable software appliance for the most demanding environments.

Software solutions: gateway and groupware

PureMessage for UNIX

A highly scalable, highly configurable software-based gateway solution, PureMessage for UNIX is ideally suited to large organizations, government, higher education establishments, and managed service providers. Its flexible deployment and policy capabilities adapt to a wide range of specific email management requirements. It delivers protection and policy enforcement with minimal administrative burden.

PureMessage for Microsoft Exchange

PureMessage for Microsoft Exchange is a comprehensive software solution for Windows SMTP gateways and Microsoft Exchange groupware installations. Fully integrated with Active Directory, its powerful policy features enable content rules to be quickly set up and applied to inbound, outbound, and internal mail. It is highly scalable, supports all common Exchange cluster models, and enables multiple server installations to be managed and monitored from a single management console.

PureMessage for Lotus Domino

PureMessage for Lotus Domino provides anti-malware and anti-spam protection for inbound, outbound and internal email travelling through Domino databases and mailboxes. Policy enforcement includes content rules that look for keywords, sensitive information and true file types. Configurable disclaimers can be added to outbound messages and a Notes-based console makes centralized management and configuration easy and straightforward.

Technology bytes

Genotype technology

Provides proactive protection from new variants of virus and spam families, even before specific, signature-based protection becomes available

Behavioral Genotype Protection

Delivers the benefits of a host intrusion prevention system (HIPS), guarding against unknown threats by analyzing behavior before code executes

Sophos SXL

Offers real-time protection against the latest campaigns through our online database of anti-spam intelligence

Multi-variant anti-spam profiling

Allows effective response to constantly changing spam campaigns through multiple detection mechanisms in the Sophos anti-spam engine

Sender Genotype

Provides proactive botnet detection and reputation filtering, blocking up to 90% of spam at the connection level

Directory services integration

Integrates easily with Microsoft Active Directory and other directory services to enable group- and user-based policy enforcement

Keyword and string inspection

Keeps unwanted content out and confidential content where it belongs by scanning emails for keywords and strings such as Social Security and credit card numbers and triggering customized message actions

True file type recognition

Uncovers attempts to disguise attachments by forging document types

Multi-server management

Centrally manages software installed across multiple servers, providing a single, consolidated view of all email traffic and easy deployment of configuration and policy modifications

Remote heartbeat monitoring

Constantly checks more than 40 different settings and conditions, alerting system administrators and Sophos if corrective action is needed to maintain email security

SophosLabs—knows the threat better than anyone

Highly skilled analysts in SophosLabs™, our global network of threat analysis centers, build on our 20 years of experience to provide all Sophos customers with proactive rapid protection against known and unknown threats. Through technology, global visibility of emerging threats, and integrated threat expertise, SophosLabs provides the 24x7 research and fast global response your organization needs to protect it from increasingly complex threats.

Industry-leading, 24x7 support

Our around-the-clock technical customer support operation is included as standard in your license and you'll receive unlimited access to our highly acclaimed customer support team. You can contact our engineers for one-to-one support by email or telephone, or use our web-based support knowledgebase. Working from support centers around the world, our experts draw on a wealth of experience and technology to replicate, analyze and resolve your problems fast.

Simple pricing and licensing

One per-user subscription-based license* gives you not just today's software but all future updates to protection, management and product upgrades, as well as technical support. You can also include our Web Security and Control, Endpoint Security and Control and NAC services all in the same license.

Languages supported

Email appliances

End-user interface and email digest: English, French, German, Italian, Japanese, Spanish, Traditional Chinese, Simplified Chinese and Swedish

Management console: English

SafeGuard MailGateway Encryption Appliance: English, German

PureMessage for UNIX

End-user interface and email digest: English, French, German, Italian, Japanese, Spanish, Swedish and Traditional Chinese

Management console: English

PureMessage for Microsoft Exchange:

English, Japanese

PureMessage for Lotus Domino*

English

Evaluate now for free

See Sophos Email Security and Data Protection in action by registering for a free 30-day evaluation at www.sophos.com/products/eval/.

How to buy

Find your local Sophos office or Sophos Partner at www.sophos.com/contact. We also offer competitive pricing for charities, government agencies and the education sector.

* Sophos PureMessage for Lotus Domino and SafeGuard MailGateway are licensed separately.

Platforms supported

Email Appliances

All operating systems: The built-in, hardened operating system means they can be installed at the perimeter of any network.

PureMessage for UNIX

- »» Linux
- »» FreeBSD
- »» Solaris

PureMessage for Exchange

Console and services

- »» Windows® 2003 (32-/64-bit)
- »» Windows Small Business Server 2003
- »» Windows Server 2008 (32-/64-bit)/R2 (32/64-bit)

Console only

- » Windows® XP/2003 and above

Microsoft Exchange versions

- »» Exchange 2003/2007/2010

Microsoft SQL versions

- »» SQL 2005/2008
- »» SQL Mirroring

Clustering

- »» Exchange 2010: DAGs
- »» Exchange 2007: SCC, CCR
- »» Exchange 2003 R2: SCC, CCR
- »» Exchange 2003 & earlier: SCC

PureMessage for Lotus Domino

- »» Windows Server 2003 (32-/64-bit)
- »» Windows Server 2008 (32-/64-bit)

Email server*

- »» Lotus Domino server R7, R8.0x and R8.5 (32-/64-bit)

*Lotus Domino server R6 is supported by PureMessage for Notes/Domino v3.

