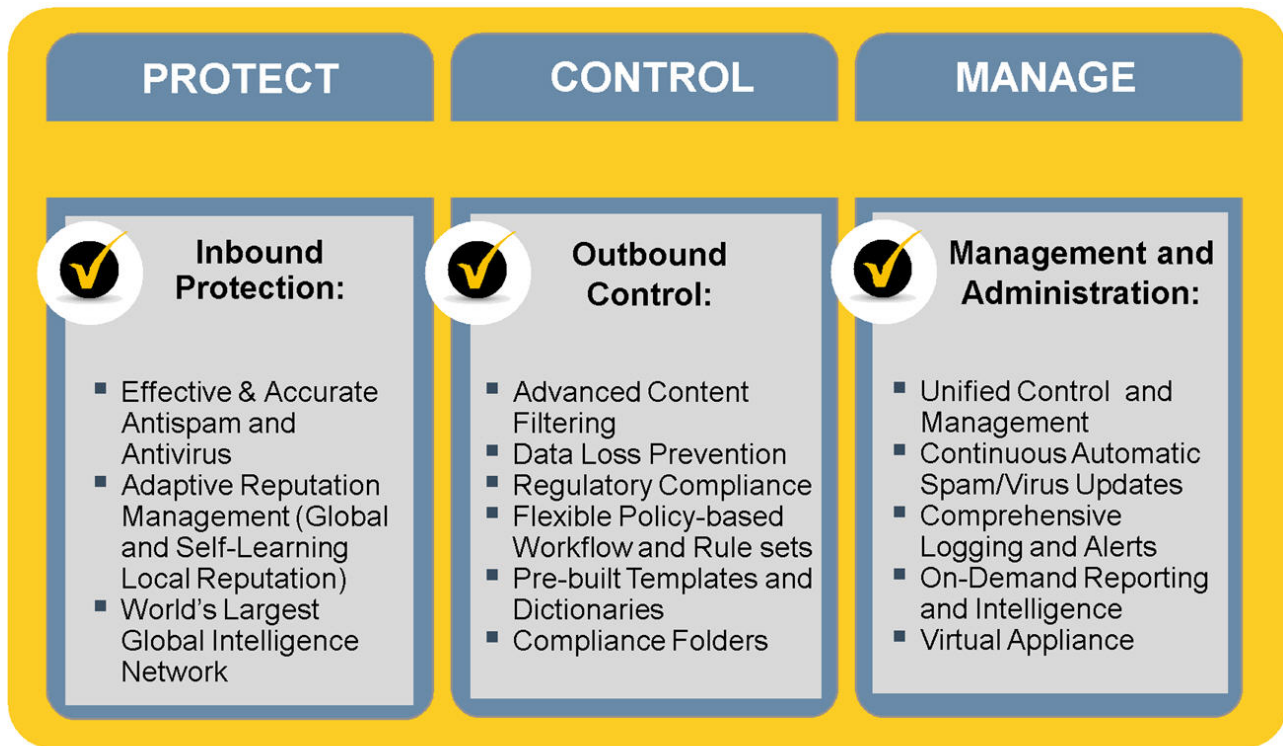# Symantec Brightmail™ Gateway

Award-winning messaging security for inbound protection and outbound control

PROTECT	CONTROL	MANAGE
Inbound Protection: ■ Effective & Accurate Antispam and Antivirus ■ Adaptive Reputation Management (Global and Self-Learning Local Reputation) ■ World's Largest Global Intelligence Network	**Outbound Control:** ■ Advanced Content Filtering ■ Data Loss Prevention ■ Regulatory Compliance ■ Flexible Policy-based Workflow and Rule sets ■ Pre-built Templates and Dictionaries ■ Compliance Folders	**Management and Administration:** ■ Unified Control and Management ■ Continuous Automatic Spam/Virus Updates ■ Comprehensive Logging and Alerts ■ On-Demand Reporting and Intelligence ■ Virtual Appliance

Overview

The Symantec Brightmail™ Gateway delivers inbound and outbound messaging security for email and IM, with effective and accurate antispam and antivirus protection, advanced content filtering, and data loss prevention technology. The Brightmail Gateway is simple to administer and catches 99% of spam with less than one in a million false positives. With the Brightmail Gateway, organizations can effectively respond to new messaging threats, minimizing network downtime, preserving employee productivity, and protecting company reputation. The product leverages continuous automatic antispam and antivirus updates from the Symantec Global Intelligence Network, on-box connection throttling using both global and self-learning local IP reputation, and comprehensive reporting. The Brightmail Gateway is available as both a physical appliance and a VMware-based virtual appliance, enabling organizations to easily add or remove antispam capacity to keep messages flowing in the face of growing, unpredictable spam volume. It is part of Multi-tier Protection, an endpoint and messaging security suite that protects against complex data loss, malware, and spam threats from desktop to gateway – controlling costs and managing risk.

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Inbound antispam and antivirus protection helps ensure uptime and productivity

The Brightmail Antispam™ engine is based on over 10 years of experience fighting spam. Unlike many other engines, Brightmail employs over 20 different antispam technologies. The Brightmail Gateway delivers greater than 99 percent effectiveness and a critical false positive rate of less than one in a million, making it one of the industry's most accurate solutions.[1]

The Brightmail Gateway delivers real-time protection from new attacks with continuous automatic antispam updates, leveraging the Symantec Global Intelligence Network. The Global Intelligence Network includes:

• over 120 million antivirus sensors

• over 40,000 firewall and intrusion detection sensors

• managed security deployments in 70 countries

• Symantec's patented Probe Network of over 2.5 million decoy accounts

Symantec protects more than 800 million mailboxes from viruses and spam. Brightmail Adaptive Reputation Management delivers on-box connection throttling, combining both global and self-learning local IP reputation analysis with intelligence resource allocation to improve spam filtering by blocking malicious senders at the network level. By reducing spam volume and keeping email secure, the Brightmail Gateway protects messaging infrastructure and helps ensure business uptime and user productivity.

1. *InfoWorld Technology of the Year Award, 2005-2008, winner for Best Anti-Spam/Mail Security Solution.*

The Brightmail Gateway offers unparalleled antivirus protection as demonstrated by the industry's only record of over 40 consecutive VB100 effectiveness ratings, since November 1999. The Brightmail Gateway includes zero-day antivirus protection, reducing the risk of downtime by proactively detecting and quarantining suspicious messages before definitions become available.

The Brightmail Gateway integrates IM protection against viruses and spim (IM-based spam), including the industry's first zero-day threat protection from IM-borne viruses and worms.

### Outbound control of sensitive data flow helps enforce regulations and protect company reputation

The Brightmail Gateway features advanced content filtering and data loss prevention technologies that make it easier to protect and control sensitive data. Administrators can easily build effective and flexible policies that enforce regulatory compliance and protect against data loss. Per-domain and policy-based Transport Layer Security (TLS) encryption, incident management, keyword and regular expression scanning inside messages and attachments, and true file typing help administrators gain control over messaging content and comply with regulations. Pre-built templates and dictionaries allow customers to easily deploy policies that manage risks associated with data loss, internal governance, and compliance with specific regulations.

Brightmail Gateway appliances leverage integration with sophisticated structured data matching technology from Symantec Data Loss Prevention, which analyzes data

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held in databases (e.g., customer and patient records, banking information, order processing, CRM, etc.) and creates unique fingerprints for the actual data. Administrators can create policies that mark suspect messages as "Hold for Review" before allowing their delivery, providing an opportunity for administrative intervention by compliance or legal staff if needed. These and other easy-to-configure, integrated workflow tools enable the creation of policies to control data and respond to policy violations — while allowing business to continue uninterrupted.

The Brightmail Gateway integrates IM traffic and content management, offering authentication and control of IM traffic by enforcing identity management on all IM traffic and requiring users to register with their Active Directory® or other directory service identity. Administrators can choose which IM networks to grant access to and can disable specific features such as file transfer on a per-group basis. These controls increase the manageability of IM infrastructure and enforce user accountability.

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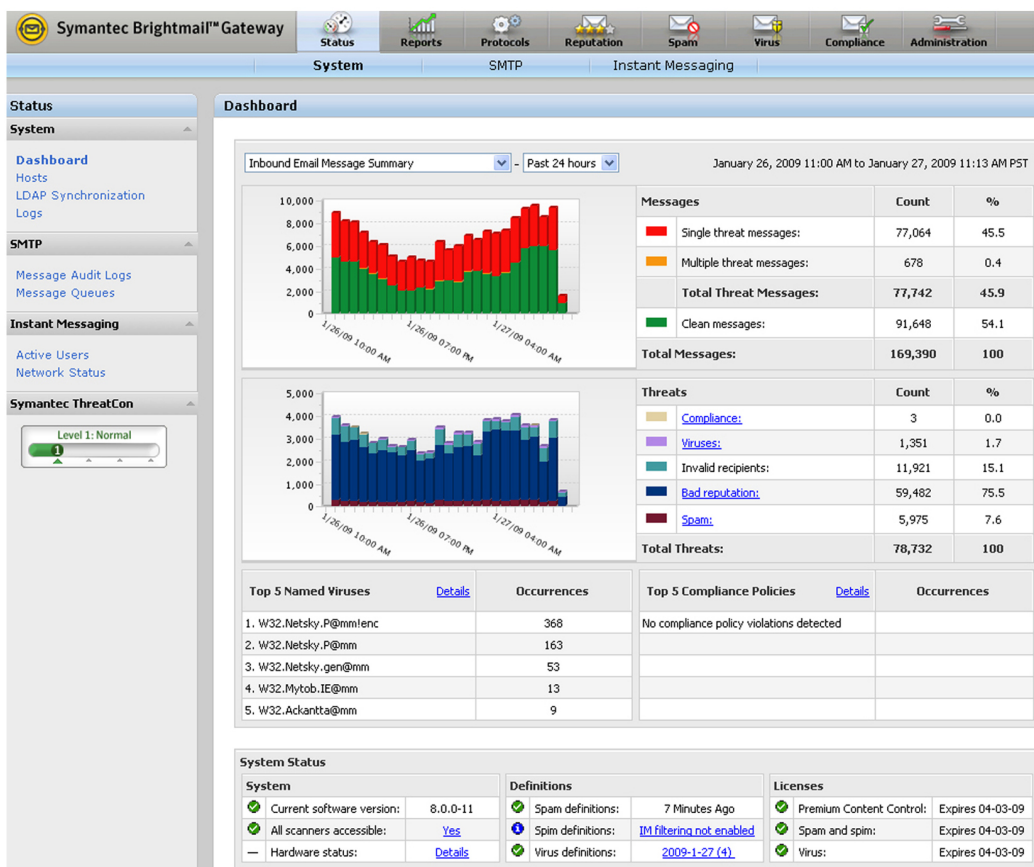
Unified management and administration reduces cost and complexity

The Brightmail Gateway includes a powerful control center for unified management and administration of an organization's messaging infrastructure. From a single Web-based console, administrators can easily manage multiple Brightmail Gateway appliances to view trends, attack statistics, and noncompliance incidents. By removing the complexity of multiple consoles, disparate policies, and incompatible logging and reporting procedures, the Brightmail Gateway significantly reduces the total cost of ownership (TCO) of messaging security infrastructure.

The Brightmail Gateway supports a full set of reporting options, including a dashboard and executive summaries that highlight system efficacy and impact. Reporting helps administrators proactively identify data loss trends and demonstrate compliance. The management console includes more than 50 preset reports that can be customized by content or time, scheduled for automatic report generation, and exported. Simplified message tracking through a graphical message-auditing interface gives administrators the ability to quickly determine message disposition.

The Brightmail Gateway requires very little configuration out of the box, facilitating easy and fast initial deployment. Spam signatures and virus definitions are automatically updated, leveraging the powerful Symantec Global Intelligence Network to simplify management and help ensure the benefits of the latest threat detection across the enterprise.

Key benefits

The Symantec Brightmail Gateway offers organizations substantial and measurable advantages:

- Optimize messaging infrastructures by removing spam and malware from email and IM before it reaches servers

- Reduce the risk of downtime with zero-day antivirus protection, proactively detecting and quarantining suspicious messages and attachments even before definitions become available

- Balance award-winning antispam effectiveness, catching 99 percent of spam, with accuracy of less than one in a million false positives

- Scan inbound and outbound messaging traffic for compliance with regulatory and governance requirements

- Provide incident management and reporting capabilities that enable organizations to implement policies and analyze and manage violations

- Deliver automatic rule updates to help ensure effective, real-time protection against new threats

- Offer unparalleled antivirus protection as evidenced by the industry's only record of consecutive VB100 effectiveness ratings since November 1999

System requirements

Supported Platforms

The Symantec Brightmail Gateway can be deployed on a family of Brightmail/Mail Security 8300 Series hardware appliances that can scale across organizations from

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small businesses to large enterprises. There is also a virtual appliance option, the Brightmail Gateway Virtual Edition, which offers the same software, features, and functionality, deployed on VMware® environments. Appliances can be deployed as dedicated control centers, scanners, or combined control center/scanners.

Appliance Model	8340	8360	8380
Organization	SMB (Up to 1,000 users)	Enterprise / Large Enterprise	Enterprise / Large Enterprise
Typical Deployment *	Control Center / Scanner	Dedicated Scanner or Control Center	Dedicated Control Center
Form Factor	1 RU Rack Mount	1RU Rack Mount	2RU Rack Mount
Power Supply	Single	Redundant, hot-plug, auto-switching, universal power supply	Redundant, hot-plug, auto-switching, universal power supply
CPU	Single Processor	Dual Multi-Core Processors	Dual Multi-Core Processors
Hard Drive / RAID	2 x 80GB Serial ATA RAID 1	2 x 146GB Serial-Attach SCSI (hot-swappable) RAID 1	6 x 300GB Serial-Attach SCSI (hot-swappable) RAID 10
NIC	Two Gigabit Ethernet Ports	Two Gigabit Ethernet Ports	Three Gigabit Ethernet Ports

* Customers may deploy any appliance model as a combined control center / scanner, dedicated scanner, or dedicated control center

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Supported Internet browsers

• Microsoft® Internet Explorer® 6.0, 7.0

• Firefox 2.0, 3.0

Supported virtualization platforms

• VMware ESX Server 3.5

• VMware ESXi 3.5

Visit Our Web Site

http://www.symantec.com/business/brightmail-gateway

Contact Us Today

Call toll-free 1 (800) 745 6054

To speak with a Product Specialist outside the U.S.

For specific country offices and contact numbers, please visit our website.

About Symantec

Symantec is a global leader in providing security, storage, and systems management solutions to help businesses and consumers secure and manage their information. Headquartered in Cupertino, Calif., Symantec has operations in more than 40 countries. More information is available at www.symantec.com.

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