

Symantec™ Web Gateway 5.2

Better protection. Greater control. Easy management.

Data Sheet: Web Security

Overview

Your business is constantly faced with new security challenges and malware threats. According to the Symantec [Internet Security Threat Report](#), the Web and Web applications have become the primary source of malware infections in organizations. Attackers are exploiting this threat vector with rapidly changing and mutating malware. Despite the quickly evolving threat landscape, few organizations adequately secure their Internet gateways from Web-borne malware. This leaves them vulnerable to victimization by cybercriminals without their knowledge. Symantec has taken a proactive approach to combat Web-borne malware by providing Web security solutions to protect your infrastructure from malicious activity and to ensure your users stay safe on the Web.

More than URL filtering

The majority of organizations deploy a solution that filters out undesirable URLs ensuring that employees are not visiting sites that are known malicious sites, or sites that violate company policy. That posture is no longer enough for the current threat landscape. Symantec has observed that in any given month, up to 90 percent of malicious websites were actually compromised legitimate sites. URL filtering alone won't stop this type of malware. Powered by Symantec Insight™ and the award-winning Symantec AntiVirus engine, Symantec™ Web Gateway performs URL filtering, but more importantly, helps ensure that your company can stay safe and protected against the fast moving and mutating malware that resides on both malicious and compromised legitimate websites. Web Gateway provides better protection through the detection of Web-based threats that other technologies miss.

Today more than ever, businesses are at risk of losing important and confidential data over the Web. Many industries are highly regulated, with requirements to prove that systems are in place to protect sensitive information. The loss of sensitive data can result in negative PR, fines, loss of customers and ultimately, loss of revenue. By integrating with Symantec™ Data Loss Prevention Network Prevent for Web, Web Gateway focuses on identifying and stopping sensitive data from leaving the corporate network via the Web.

Combating incoming and outgoing threats is critical to secure your IT infrastructure. Equally important is optimizing internal IT resources to help meet the ever changing needs and demands of today's data center. With the rise in virtualization technology, Web Gateway adjusts to meet the need of each customer's deployment requirements by having an option of installing as a virtual appliance.

Web Gateway provides much more than URL filtering and addresses the needs of customers by providing:

- **Better protection** through the detection of Web-based threats that other technologies may miss.
- **Greater control** by preventing data loss at the Internet gateway and SSL decryption capabilities.
- **Easy management** with flexible deployment options meeting the needs of customers looking for a solution designed for virtualization.



Better protection

Powered by Insight, Web Gateway gives customers access to innovative security that will ensure their information and employees stay safe on the Web. Insight is a security technology that puts files in context, using their age, frequency, location, and more to expose threats otherwise missed. Also backed by the Symantec™ Global Intelligence Network, Web Gateway draws intelligence from the collective wisdom of 210 million systems in over 200 countries to identify new threats before they wreak havoc on your organization.

The embedded Insight technology uses the Global Intelligence Network to identify new threats and blocks them prior to infecting users. Based on advanced data mining techniques, Symantec maintains a real-time dynamic security rating for over 3.1 billion files which have assisted in blocking over 31 million attacks. These ratings allow Web Gateway to determine the likelihood of infection for files and to immediately identify and block never before seen threats. Insight enhances protection, reduces false positives, and can not be evaded or coded around by self-mutating malware. The result is an unrivaled antimalware engine and enhanced security.

Web Gateway provides customers with multiple layers of malware protection in addition to Insight. Bi-directional scanning of Web traffic ensures customers are safe from both inbound threats, but also stops a company's reputation being tarnished by transmitting viruses out and infecting or attacking other networks. Using unique network detection techniques written by Symantec Security Technology and Response, Web Gateway can identify and block unique malware already installed on the customer network, leading to rapid remediation of threats.

Greater control

Web Gateway is designed to help organizations prevent the loss of intellectual property and sensitive information while simultaneously detecting Web-borne threats.

Web Gateway acts as an enforcement point for Symantec's market-leading Data Loss Prevention product, giving customers the ability to monitor and protect sensitive information being communicated across the Internet. This ensures that sensitive data transmitted via the Web will be detected and blocked prior to leaving the corporate boundary. Transparent HTTPS decryption allows for visibility into encrypted data streams, such as Facebook®, Twitter®, and Gmail®. Combining the malware detecting intelligence of Web Gateway with market leading Data Loss Prevention allows customers to deploy a robust Web security solution and cohesive data loss prevention strategy from a single vendor.

Easy management

Web Gateway can meet the various needs of companies by providing flexible deployment options. In addition to deploying Web Gateway on a physical hardware appliance, customers now have the option of deploying Web Gateway as a virtual appliance on VMware® ESX or VMware® ESXi platforms. Together with Symantec™ Messaging Gateway virtual appliance, Symantec provides organizations the ability to secure their Web and messaging infrastructure without adding additional hardware.

Visibility into your IT environment is critical in being able to quickly identify and respond to issues that may arise. Web Gateway, with its in-depth reporting and detailed dashboard, provides administrators with the information needed to properly manage and secure their IT infrastructure.

Key features and benefits

Protection

- Backed by the Symantec Global Intelligence Network with real time updates to bolster protection.
- Integrates Symantec's award-winning AntiVirus engine.
- Powered by Insight and providing proactive protection against new, targeted, or mutating threats:
 - Detects threats as they are created.
 - Uses context to reduce false positives and cut management overhead.
 - Powered by the collective wisdom of over 210 million systems.
 - Infected client detection allows for easy identification of infected users and enables remediation.
 - Botnet identification and remediation capabilities helps ensure users aren't unknowingly or knowingly sending sensitive data out of the organization.
 - Multiple layers of malware protection.

Control

- Integration with Data Loss Prevention Network Prevent for Web allows for a robust Web and data loss prevention solution from a single vendor.
 - Stops sensitive data from leaving the corporate network via the Web.
 - Reduces risk of data loss by automatically enforcing your organization's security policies.
 - Changes your users' behavior through real-time education on policies with notifications of policy violations.
 - Application control provides administrators with multiple policy settings, ensuring users are given access to applications which adhere to company guidelines.
 - Symantec RuleSpace URL filtering list gives administrators the ability to monitor, block, or allow access to millions of URL's representing billions of web pages organized within approximately 100 different categories.

Management

- Multiple deployment options give customers ability to deploy Web Gateway as a physical appliance, virtual appliance, or a combination of both.
- Powerful reporting capabilities with out-of-the-box reports and administration through a secure browser with a simple dashboard view.
- Proxy and caching capability meets the needs of customers who:
 - Require proxy in network topology.
 - Require an HTTP cache for bandwidth savings.
 - Want to decrypt SSL and/or integrate with Data Loss Prevention.

System Requirements

Clients

- Microsoft® Internet Explorer® 6.0, 7.0, 8.0, 9.0
- Mozilla Firefox® 3.0, 3.5, 13, 14.0

Physical Appliance Deployment

- Hardware options (Hardware purchase is required):
 - Symantec™ Web Gateway 8450
 - Symantec™ Web Gateway 8490

Appliance Model	8450	8490
Form Factor	1U Rack Mount	2U Rack Mount
CPU	Single, Quad-core processor	Dual, Hexa-core processor
Memory	32 GB	96 GB
Hard Drive/ RAID	1 x 500GB	4 x 300GB, RAID 5
Power Supply	Non-redundant power supply	Redundant power supply
Network Interface Cards	Four Gigabit Ethernet Ports: 1 WAN / LAN pair 1 Management 1 Monitor	Six Gigabit Ethernet Ports: 2 WAN / LAN pairs 1 Management 1 Monitor

Virtual Appliance Deployment

- VMware® ESX 4.0 or 4.1/ VMware® ESXi 4.0, 4.1 or 5.0
 - 64-bit
 - Intel® virtualization technology enabled
 - Virtual Machine (VM)Requirement
 - Two Central Processing Units (physical or logical)
 - At least eight GB memory
 - 120 GB disk

More Information

Visit our website

<http://enterprise.symantec.com>

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About Symantec

Symantec protects the world's information and is a global leader in security, backup, and availability solutions. Our innovative products and services protect people and information in any environment—from the smallest mobile device to the enterprise data center to cloud-based systems. Our industry-leading expertise in protecting data, identities, and interactions gives our customers confidence in a connected world. More information is available at www.symantec.com or by connecting with Symantec at go.symantec.com/socialmedia.

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