



Secure Web Gateway Buyer's Guide:

How Websense exceeds Gartner's recommended buying criteria

In August 2008, Gartner published "A Buyers Guide to Secure Web Gateways". This guide lists the most advanced features buyers should consider to help them select the best solution.

When the buyers guide selection criteria are applied to the Websense® Web Security Gateway, Websense clearly exceeds all of Gartner's requirements and delivers the most powerful solution available today.

Definition:

A secure Web gateway (SWG) is a product that filters unwanted software or malware from endpoint Web/Internet traffic and enforces corporate and regulatory policy compliance. SWGs generally protect employees while they surf the Internet; they do not protect Web applications, which is the role of Secure Sockets Layer (SSL) virtual private networks (VPNs) or application firewalls. To achieve this goal, SWGs must, at a minimum, include URL filtering, as well as malicious-code detection and filtering. Leading solutions will also be able to provide Web application-level controls for at least some of the more popular applications, including instant messaging (IM). SWGs should integrate with directories to provide authentication and authorization, along with group- and user-level policy enforcement. An SWG must bring together all these functions, without compromising performance for end users, which has been a challenge for traditional antivirus Web filtering.¹

"Virus detection and removal capabilities in SWGs are critical as more and more malware moves to a Web distribution and control method"

**Peter Firstbrook and
Lawrence Orans**

Gartner: A Buyer's Guide to
Secure Web Gateways¹

Websense Web Security Gateway allows organizations to secure Web traffic effectively while still enabling the latest Web-based tools and applications. Through a multi-vector traffic scanning engine, Websense Web Security Gateway analyzes Web traffic in real-time, instantly categorizing new sites and dynamic content, actively discovering security risks, and blocking dangerous malware.

Backed by the powerful ThreatSeeker™ Network, Websense Web Security Gateway provides advanced analytics—including rules, signatures, heuristics and application behaviors—to detect and block proxy avoidance, hacking sites, adult content, botnets, keyloggers, phishing attacks, spyware, and many other types of unsafe content. Websense Web Security Gateway also closes a common security gap: decrypting and scanning SSL traffic before it enters the network.

Websense integrates these real-time capabilities with its industry-leading Web security platform to provide Web filtering with over 90 URL categories, Web reputation, management of 120 network and application protocols, instant messaging attachments, Websense Web Protection Services™, and more.

- **Effective protection against Web 2.0 threats** – Unique insight into the dynamic nature of Web 2.0 enables organizations to securely embrace the new technology
- **Clear visibility into all Web traffic** – Reliable content analysis, including SSL encrypted content
- **Simplified control** – State-of-the-art, Web-based GUI allows you to enforce policies and reduce management costs

Secure Web Gateway Buying Criteria

Manageability and scalability: *"Reduced administration overhead is a top concern of SWG administrators."*

Gartner Key Requirements

"A task based management GUI"

"Home page dashboard of real-time events"

"Granular role-based administration"

"Centralized management...in multibox deployments."

"Native load balancing"

WebSense Solution

Industry's only single-click access to top five admin tasks

"Today" dashboard with real-time health, load, and custom policy charts provide unique one-click drill-down capabilities

Delegated roles for user, policy, reporting, or configuration tasks set a new benchmark for scalability and ease of use

Central dashboard for management of all deployed servers

Industry's only truly distributed architecture with proven ability to scale. Supports built-in load balancing and fully modular deployments to handle the largest customer

Policy Interface: *"An SWG's policy interface should be user-friendly and intuitive for nontechnical personnel"*

Gartner Key Requirements

"Policy should be all in single page"

"An easy-to-read printable policy summary"

"Reusable policy objects"

"The ability to run reports on hit rates for each policy"

"Complete audit log of policy changes"

WebSense Solution

Three-click graphical policy engine eliminates complexity

Results-focused layout with no arcane technical jargon

More than 270 objects in 54 categories and custom object support with the unique ability to share category objects for data loss prevention policies to deliver a truly integrated solution

Three clicks to 54 pre-defined and custom presentation reports

Secure log of policy changes: who, what, when, and where

Reporting capabilities: *"Reporting capabilities are an important differentiator and can make a significant difference in the usability of SWG solutions"*

Gartner Key Requirements

"Dashboards should be configurable for different roles"

"Good solutions will offer drill-down decorated hyperlinks than enable administrators to create the detailed historic report"

"Case management capability that can be used by one or more investigators to collect data related to an incident"

"It should have the ability to create custom reports..."

"All information related to individual surfing habits is highly sensitive and needs to be carefully protected"

WebSense Solution

Views are automatically adjusted by assigned roles

One-click drill down to reports appropriate to assigned role

Exclusive investigative reports with 13 categories and 18 detailed data fields in addition to 20 predefined templates

Simple and powerful five-step custom report wizard

Role-based administration provides controlled access to user data

URL Filtering: *"A vendor's ability to rapidly re-categorize Web sites that have been infected with malware is an important differentiator"*

Gartner Key Requirements

"An optional dynamic categorization engine that will attempt to review uncategorized sites for content"

"Ability to apply URL filtering policies when a laptop is 'off network'"

"Ability to block proxy anonymizer services..."

"Options to limit bandwidth for particular content types"

WebSense Solution

Real Time Content Categorization provides the industry's first on-premise inspection and categorization capability

Offers both on-premise or hosted (off-network) policy enforcement for users or remote offices

Blocks 10 proxy avoidance protocols; the best in the industry

Block, allow, throttle, or set quota by protocol or URL

Malware detection: *"Virus detection and removal capabilities in SWGs are critical as more and more malware moves to a Web distribution and control method"*

Gartner Key Requirements

"Proactive virus detection methods that do not rely on signatures"

"Users should look for SWG devices that have proxy and network scanning components"

"Ability to inspect traffic on all ports and protocols"

"High-severity security risks should trigger administrator alerts"

WebSense Solution

Real-time security scanning engine is the only solution that extends antivirus and reputation technology to provide a solution that goes beyond signatures

Only solution integrating proxy/cache capabilities for full Web control, optimization, and decryption with network scanning and blocking capabilities for scalability and coverage

Network Agent scans and manages 125+ protocols and associated ports including controls for malicious traffic like bot networks or email-borne worms

Fully customizable alerting speeds incident resolution

Application Control: *"Web application-level controls enable businesses to carefully manage the adoption and use of public Internet-based applications"*

Gartner Key Requirements

"The number of named applications that can be detected and blocked"

"Categorization of applications is also important"

"P2P applications are a separate class of applications that need to be blocked or monitored"

Websense Solution

Detects and controls more than 1.9 million applications ensuring customers complete coverage

Over 50 different application categories provide the industry's most comprehensive and granular capability

Uses four different techniques to deliver complete P2P coverage and granular control at the gateway

Delivery Model and Implementation: *"Optimal solutions will likely offer a blend of both proxies and some type of network monitor"*

Gartner Key Requirements

"Hybrid solution with both on-premise and in-the-cloud service"

"Software for Windows, Unix, Linux"

"In the cloud" SaaS offerings"

Websense Solution

ThreatSeeker Network, the most advanced cloud based security service, is integrated with local analytics

Supports all popular software platforms for easy integration into customer networks

Seamlessly integrated on-premise or full SaaS hosted offering

Data Loss Protection: *"The ability to monitor Web traffic to detect noncompliance with corporate or regulatory policy is an increasingly important concern for enterprises"*

Gartner Key Requirements

"Large predefined dictionaries and lexicons"

"Predefined number templates"

"Smart" number identifiers"

"The ability to search for registered data"

Websense Solution

Fully integrates with Websense Data Security Suite, delivering a single vendor solution

Delivers predefined dictionaries, lexicons, and over 600 templates for easy implementation and quick results

Incorporates multiple detection techniques like "Smart" identifiers and advanced fingerprinting technologies

Only industry solution linking destination and user awareness for visibility and control over data events by the user and the destination URL or content category

Integration with Other Solutions: *"May offer significant strategic benefits, by reducing management complexity, lowering total cost of ownership and providing better protection..."*

Gartner Key Requirements

Firewalls

Web cache

DLP solutions

Secure e-mail gateways

Websense Solution

Integrates with all leading firewalls and Web caches for maximum flexibility

Only vendor to offer a fully integrated solution for Web security and data loss prevention

Advanced phishing protection integrates with any solution

Service and Support: *"Service and support are essential concerns for SWGs as they are for any business-critical technology"*

Gartner Key Requirements

"Dedicated support resources"

"Global support footprint"

"High SLAs for callback and Web responses"

"Support resources, including user forums, best-practices guidance and white papers"

Websense Solution

Maintains a large, highly trained support staff

With a global presence, Websense support offers true follow-the-sun capabilities for customers worldwide

Strict SLAs are offered including one-hour response for priority-one support issues

Offers a wealth of resources to ensure customers get the most from their investment

Websense, Inc.
 San Diego, CA USA
 tel 800 723 1166
 tel 858 320 8000
 www.websense.com

Websense UK Ltd.
 Chertsey, Surrey UK
 tel +44 (0) 1932 796300
 fax +44 (0) 1932 796601
 www.websense.co.uk

Australia
 websense.com.au

Brazil
 portuguese.
 websense.com

Colombia
 websense.com.es

France
 websense.fr

Germany
 websense.de

Hong Kong
 websense.cn

India
 websense.com

Ireland
 websense.co.uk

Italy
 websense.it

Japan
 websense.jp

Mexico
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PRC
 prc.websense.com

Spain
 websense.com.es

Sweden
 websense.co.uk

Taiwan
 websense.cn

Solution Overview

Websense offers more Web security offerings than anyone in the industry and is the only vendor to offer both on-premise and hosted Web security solutions.

Websense Web Security analyzes and secures Web traffic in real-time, enabling safe use of the latest Web 2.0 sites and tools.

Websense Web Security Gateway adds on-premise, proxy-based content analysis of Web and SSL traffic to the robust Websense Web Security and Websense Web Filter platform to deliver unmatched accuracy and control.

Websense delivers the industry's only instant categorization of new sites and dynamic content, which proactively discovers security risks and blocks dangerous malware more accurately than products that use AV or reputation services alone.

Websense Web Security Gateway includes:

- **The Active Security module:** A recent independent test² proved that Websense successfully detected and blocked 37 percent more Web exploits and drive-by downloads and two and one-half times more malware infected files than the nearest competitor. This test confirms that a reliance on AV technology and Web reputation services alone no longer works against today's rapidly evolving threats.
- **The Content Gateway module:** Independent testing² shows that Websense accurately classifies more than twice the amount of content on Web 2.0 sites than the nearest competitor.

Websense Web Security Gateway seamlessly integrates with the Websense Data Security Suite to provide the industry's only fully integrated full featured Data Loss Prevention and Web Security solution delivered and supported by a single vendor.

Say Yes To Websense

After 15 years of Internet experience, nobody knows the Web—and its risks—like Websense. Websense Web, data, and messaging security products work together to give customers an integrated data-centric security solution that allows organizations to safely leverage all the benefits of the Internet and Web 2.0 while protecting their most critical data assets.

Websense has unprecedented visibility into the internal and external movement of information in the Web 2.0 world. As the leader in integrated Web, data, and email security, Websense protects the essential information of more than 50 thousand organizations and 42 million people around the world. Websense software and hosted security solutions help organizations block malicious code, prevent the loss of confidential information, and enforce Internet use and security policies.

See the Websense Web Security Gateway in action. To register for a free evaluation or online demo, visit www.websense.com/evaluations

¹ Gartner: "A Buyer's Guide to Secure Web Gateways", by Peter Firstbrook and Lawrence Orans, 15 August 2008 [Gartner ID Number G00159669]

² Tolly Group November 2008

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