



“In the second half of 2008, 70 percent of the top 100 sites either hosted malicious content or contained a masked redirect to an illegitimate Web site.”

**Websense Security Labs**

## Websense Web Security Gateway

### Control and Secure Web 2.0

Web 2.0 is profoundly changing the way we work and interact. More than 90 of the top 100 Web sites are categorized as social networking or search sites, supporting dynamic or user-generated content. Many organizations are embracing the Web as a business platform, but Web 2.0 technologies, such as blogs, wikis, social networking sites, and RSS feeds, render traditional security technologies such as antivirus, Web reputation, and basic URL filtering ineffective.

Web 2.0 can yield enormous benefits for organizations, including improving customer intimacy and satisfaction, and building a competitive advantage. Web 2.0, however, also bears new risks—to security, to productivity, and to legal liability. Nevertheless, organizations can significantly benefit from Web 2.0 technologies and, whether they like it or not, their employees are using these new tools and Web-based applications under the radar of IT and network security teams.

The Websense® Web Security Gateway is the industry's most accurate and effective solution for Web 2.0 content filtering and threat protection, enabling organizations to accelerate business without having to worry about security, productivity, and liability threats such as malicious, inappropriate content, and data loss.

### The Websense Web Security Gateway offers:

- Visibility and control over dynamic Web content and outbound data loss, including SSL encrypted traffic
- Protection against Web 2.0 threats such as dynamic scripts
- Advanced application controls for IM, P2P, and more
- Easy-to-use, centralized management and reporting
- Integrated Web proxy and caching

### Protection against Dynamic Web 2.0 Threats

Today's Web is rich with dynamic content. Real-time content scanning is the only way to effectively control dynamic Web threats that are designed to circumvent traditional security methods. The Websense Web Security Gateway uses proprietary analytic engines developed by the Websense Security Labs to analyze Web content as it is requested by an end-user. This advanced control augments the use of multiple security techniques included with the gateway, including antivirus, Websense Web antivirus, Web reputation analysis, behavioral analysis, and Web filtering using the Websense market-leading URL database. This advanced protection from Websense provides the most coverage and the greatest accuracy, enabling customers to securely leverage the benefits of Web 2.0.

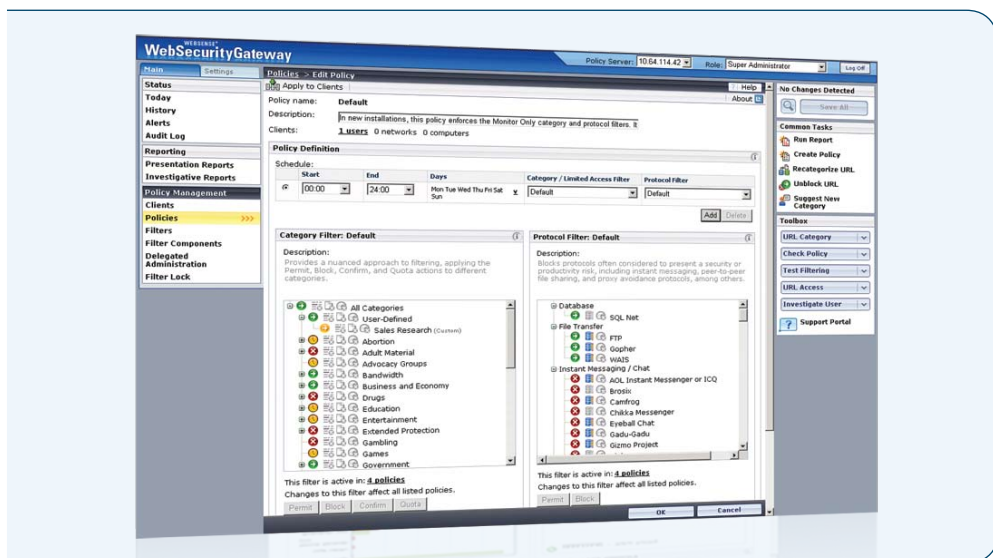
### Control over Dynamic and User-generated Content

Websense has embedded advanced analytics and real-time content inspection and classification technologies from the Websense ThreatSeeker™ Network into the Websense Web Security Gateway. These embedded technologies offer protection from previously uncategorized or unknown Web content “on the fly.” The Websense Web Security Gateway is the only solution that categorizes specific content on Web pages, such as mashups, rather than just the Web pages themselves. This

“With the real-time scanning provided by the Websense Web Security Gateway, we open up access to Web 2.0 sites while ensuring that malicious content cannot get in and that our confidential data does not go out.”

**Henry Parker**  
Senior Security Architect  
Addison Avenue

allows IT managers to provide access to Web 2.0 sites while their organizations are protected from sections of sites that contain inappropriate or unwanted content. Websense analyzes content posted to Web 2.0, social networking, and blogger networks as it's posted, using the industry's first and only Web 2.0 early threat outbreak detection and protection system. This provides customers with protection from risks before they propagate.



Websense Policy Management

### Advanced Application Controls

The growth of network applications such as IM and P2P provides hackers with a means to disrupt business and steal confidential data. The Websense Web Security Gateway provides control of over 130 network protocols for thousands of applications, mitigating security risks, and preventing data loss from unauthorized applications.

### Integrated Web Proxy and Cache

The Websense Web Security Gateway is built on an enterprise-class Web proxy and cache platform. This platform provides enhanced management and control, enabling real-time content analysis for Web traffic. The integrated proxy and cache can be utilized by customers to consolidate existing Web proxy deployments, increasing response time and performance while saving time and resources over purchasing and maintaining separate systems.

### Visibility and Control for Secure Web Communications

The Websense Web Security Gateway provides inspection for secure Web communications. The increasing use of SSL traffic and FTP over HTTP has created blind spots for legacy URL filters and opens backdoors for threats and data loss. The Websense Web Security Gateway provides complete visibility and control for SSL traffic, allowing organizations to apply effective policy for all Web communications.

### Intuitive Management and Reporting Interface

The Websense Web Security Gateway provides a centralized, task-based management and reporting interface that integrates granular policy control with in-depth reporting. The intuitive, easy-to-use dashboard empowers customers to easily create actionable reports, and includes over 55 built-in reports to report on user activity and risk reduction. The gateway requires less time and effort to manage than competitive solutions, saving time and money while providing greater visibility and control, as well as more accurate and granular policy controls.

“Over 45 percent of the top 100 Web sites support dynamic or user-generated content.”

“As much as 39 percent of malicious Web attacks include data-stealing code.”

**WebSense Security Labs**



WebSense Management and Reporting

Features	Benefits
<p><b>Real-time Web 2.0 content control</b></p>	<ul style="list-style-type: none"> <li>• Enables safe use and control of the latest Web 2.0 technologies</li> <li>• Provides the ability to use new Web 2.0 technologies while protecting against both legacy and emerging threats</li> <li>• Increases employee productivity and extends Web usage policies to unknown and dynamic sites in real time</li> <li>• Lowers IT costs and increases efficiency by consolidating multiple point products into one, easy-to-use solution that protects against both known threats and new emerging threats</li> </ul>
<p><b>Real-time Web 2.0 security scanning</b> using analytics, including antivirus, Web antivirus, Web reputation, behavioral analysis, and more to detect and block dynamic threats</p>	<ul style="list-style-type: none"> <li>• Prevents potential infection and data loss by identifying and blocking dynamic threats, such as cross-site scripting, designed to evade legacy protection</li> <li>• Gives you the accuracy and granularity required to manage and secure your organization for Web 2.0</li> </ul>
<p><b>Comprehensive application controls:</b> Hybrid proxy and network protocol engine controls over 130 protocols and thousands of individual applications</p>	<ul style="list-style-type: none"> <li>• Reduces risk from security and data loss by preventing employees from using unauthorized applications</li> <li>• Lowers network infrastructure costs by controlling the type and amount of network traffic</li> </ul>
<p><b>Enterprise-class Web proxy and cache</b> to inspect, optimize, and control Web traffic, including SSL</p>	<ul style="list-style-type: none"> <li>• Enables control of inbound and outbound content, even SSL encrypted traffic</li> <li>• Improves Web performance and Internet response time</li> <li>• Reduces the cost and management of legacy proxy solutions</li> </ul>
<p><b>Centralized, easy-to-use management and reporting</b></p>	<ul style="list-style-type: none"> <li>• Saves time and money managing Web security</li> <li>• Increases visibility and reporting for Web security</li> <li>• Resolves Web security incidents faster and more easily</li> <li>• Implements controls with the click of a mouse and without complicated scripting</li> </ul>

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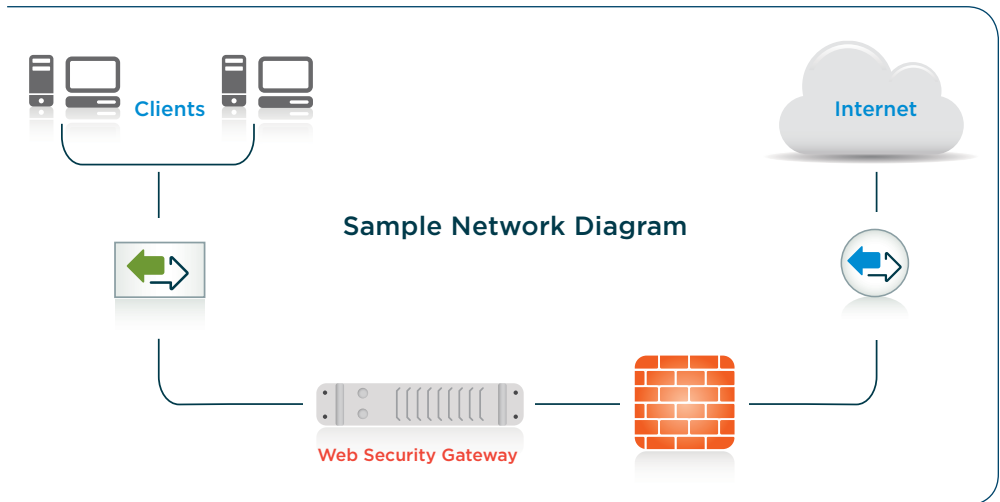
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## Deployment Options with Freedom of Choice

The Websense Web Security Gateway is available as software or on the Websense V10000™ appliance. The software-only solution is available for organizations that standardize on specific hardware platforms. For organizations that prefer an appliance, the Websense V10000 offers simplified deployment, easy management, automatic updates, and future-proofing for the Websense Web Security Gateway.



## Websense Web Security Gateway

### Technical Specifications

Websense Web Security Gateway can be deployed as a software or appliance-based solution.

#### Appliance:

Websense V10000

#### General purpose server minimum requirements:

##### Operating System

Red Hat Linux v4,  
update 5\* or Windows Server 2003/  
Server 2008†  
CPU: 2 x Dual-core 2.8GHz processors

##### Memory

4GB RAM

##### Hard Disk Drive

Two physical disks:  
- 100GB for OS and application and  
temporary data, 100GB for cache\*  
- 100GB (recommended RAID 1)†

##### Network interfaces

Two x 10/100/1000 Ethernet interfaces

##### High availability

WCCP, External Load Balancer

##### Proxy Support

Transparent, Explicit

##### SSL

Full SSL proxy with integrated  
certificate management

##### Authentication

Active Directory, LDAP, RADIUS, Novell,  
NTLM v2

\* For Websense Content Gateway and/or  
Websense Web Filter/Web Security v7

† For Websense Web Filter/Web Security  
v7 and/or reporting