

WEBSense WEB SECURITY GATEWAY



The Internet is evolving rapidly. Web 2.0 technologies like collaborative environments, social networking, and hosted applications are dramatically changing the way people interact and work. These new technologies can benefit business, but they also introduce unprecedented security risks.

The Challenge

How do organizations take advantage of the enormous potential of Web 2.0 while keeping networks, end-users, and sensitive data secure?

In the past, Web site content was mostly static and predictable. Professional webmasters managed content on legitimate sites, and security vendors could reliably separate the “good” sites from the “bad”. But today, Web content is dynamic. End-users are constantly updating content, sharing applications, and communicating in real-time through multiple channels. Even with the best policing, rogue content or malicious malware can pop up anywhere—even from trusted sites—exposing a company’s essential information and networks to an unprecedented range of threats.

Yet even with these risks, many organizations want to use Web 2.0 technologies to increase efficiency, customer satisfaction, and gain a competitive edge. And whether companies like it or not, many employees are using Web 2.0 technologies under the radar of their IT and network security teams.

“In the second half of 2007, over 50% of the Web sites containing malicious code were reputable sites that had been compromised.”

Websense Security Labs

The Websense ThreatSeeker™ Network

The Websense® ThreatSeeker™ Network adaptive security technologies and processes continuously monitor the Internet for changes and emerging threats and feeds security intelligence into our Web security, messaging security and data loss prevention solutions. As a result, Websense is able to adapt to the rapidly changing Internet at speeds not possible by traditional security solutions and basic Web filtering solutions.

The Solution

The 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, the Websense Web Security Gateway analyzes Web traffic in real-time, instantly categorizing new sites and dynamic content, proactively discovering security risks and blocking dangerous malware.

Backed by the powerful Websense ThreatSeeker Network, the 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. The 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 which provides Web filtering with over 90 URL categories, Web reputation, management of 120 network and application protocols, Instant Messaging (IM) attachment management, and more.

“Over 45% of the top 100 Web sites are 100% user-contributed code

Websense Security Labs

WebSense Web Security Gateway includes an easy-to-use management dashboard that provides administrators with system details, statistics, policy management, activity logging, and reports in a single interface, which saves time while reducing errors that can lead to security breaches.

Key Benefits

Effective protection against Web 2.0 threats –

Utilizing the unsurpassed expertise of the WebSense Security Labs™, WebSense Web Security Gateway can identify and block malicious Web content in real-time while allowing legitimate content to be accessed.

- Enables businesses to leverage Web 2.0 technology securely
- Further reduces exposure to malware or other malicious code

Clear visibility – Content analysis of Web and SSL traffic with a comprehensive security dashboard lets organizations understand risks and take immediate actions

- Helps eliminate “encryption blind spots” that could impact network security
- Concise visual reporting on Web security events in a single dashboard view

Simplified Control – An intuitive interface with flexible policy controls allow organizations to enforce policies for Web and more than 120 other protocols.

- Intuitive Web-based interface, specifically designed to enable common tasks to be carried out quickly and easily
- Integrated interface for management, reporting, and policy creation



WebSense Web Security Dashboard

Technical Specifications

Server minimum requirements:

- **Operating System:** Red Hat Linux v4, update 5[†] or Windows Server 2003[†]
- **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

Summary

Today's dynamic Web 2.0 world demands a Web security solution that can keep pace with its evolution. WebSense Web Security Gateway, backed by the WebSense ThreatSeeker Network, keeps businesses secure from threats that use Web 2.0 technology to accelerate their proliferation.

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For more information about WebSense Web Security Gateway, visit websense.com

