

Secure Computing® is a global leader in Enterprise Security solutions. Our award-winning portfolio of solutions help our customers create trusted environments inside and outside their organizations.

## Secure Web Protections and Capabilities



Secure Web Filter



Secure Web Anti-Malware



Secure Web Anti-Virus



Secure Web SSL Scanner



Secure Web Reporter



Secure Web Cache

## Tackling Security Challenges in a Web 2.0 World

Organizations can do more over the Web today than ever before. Often referred to as Web 2.0, today's Web offers a dynamic, real-time user experience. Static information is now replaced with user contributed content and applications. Interactive Web applications, blogs, wikis, podcasts, and RSS feeds are commonly used throughout the enterprise. As use of the Web continues to grow and evolve with adoption of Web 2.0 applications, virus outbreaks and other forms of Web-borne threats known as "malware" continue to grow as well. Are you adequately protected?

Widely deployed reactive security solutions based on a model of blocking "known bad" behavior and content (such as signature-based anti-virus and category-only URL filtering), while providing vital security, were not designed to combat today's Web-borne malware and clever threats, hidden inside seemingly good HTTP or HTTPS traffic. And since today's malware attacks are often targeted at individual organizations, detection becomes increasingly more difficult.

The adoption of Web 2.0 applications by the enterprise requires a security solution for Web 2.0. Secure Computing® has taken a fresh look at today's Web security needs and has solved this growing problem: Secure Web (*Webwasher*) appliances.

## Secure Web: Inbound and Outbound Protection

Secure Web solutions deliver a comprehensive security solution for all aspects of Web 2.0 traffic. For user-initiated Web requests, Secure Web (*Webwasher*) first enforces an organization's Internet use policy. For all allowed traffic, Secure Web then provides immediate protection against threats such as malware that may be hidden in Web pages by analyzing the nature and intent of all content and active code entering the network via those Web pages. Secure Web's in-depth protection covers encrypted SSL traffic as well.

The interactive nature of Web 2.0 sites means users are contributing content and information as well as receiving it. Accordingly, Secure Web scans user content, protecting organizations from outbound Web-based threats such as potential loss of confidential information that can leak out on all key Web protocols (HTTP, HTTPS, and FTP) through blogs, wikis, and even online productivity tools such as organizers and calendars.

## Secure Web Delivers the Industry's Best Protections

- #1 rated malware protection** – Secure Web Anti-Malware, using proactive intent analysis, filters objectionable content from Web traffic. By scanning a Web page's active content and understanding its intent or predicted behavior, Secure Web is able to proactively protect against spyware, day-zero threats, blended threats, and targeted attacks. Anti-virus solutions that solely rely on signature updates or heuristics cannot provide this level of protection. Secure Web Anti-Malware combines this proactive threat protection against unknown malware with a comprehensive signature-based anti-virus engine for known malware threats. This combination provides the industry's best defense against malware as rated by independent studies\*. Secure Web has repeatedly earned top scores for accurately detecting and blocking more than 99% of malware.
- Reputation-based security through TrustedSource™ technology** – Secure Computing has set a new standard for proactive detection through our industry-leading reputation system, TrustedSource. Relying on extensive knowledge of Internet entities and the constantly changing global threat landscape, the TrustedSource network identifies potentially malicious behavior and enables organizations to block these threats based on an assigned reputation

## Web 2.0 Defined

In alluding to the version-numbers that commonly designate software upgrades, the phrase “Web 2.0” hints at an improved form of the World Wide Web. Technologies such as Weblogs (blogs), social bookmarking, wikis, podcasts, RSS feeds (and other forms of many-to-many publishing), social software, and Web application programming interfaces (APIs) provide enhancements over read-only Web sites.

The idea of “Web 2.0” can also relate to a transition of some Web sites from isolated information silos to interlinked computing platforms that function like locally-available software in the perception of the user. Web 2.0 also includes a social element where users generate and distribute content, often with freedom to share and re-use.

Wikipedia:  
[http://en.wikipedia.org/wiki/Web\\_2.0](http://en.wikipedia.org/wiki/Web_2.0)

## Weekly Webinars (live product demos)

Attend Secure Computing’s weekly Webinars ([http://www.securecomputing.com/weekly\\_webinar.htm](http://www.securecomputing.com/weekly_webinar.htm)). In a 45-minute session, you will learn how each of our enterprise security products can protect your organization from email and Web threats, including both known and unknown threats.

score. TrustedSource’s unrivaled effectiveness is a direct result of Secure Computing’s unique view into enterprise Internet traffic. By accumulating data from over 7000 sensors located in 50 countries, TrustedSource creates a profile of all activity on the Internet and then utilizes this profile to watch for deviations from expected behavior. The system then generates a reputation score based on the behavior of the host. This score is incorporated into Secure Web and enables organizations to enhance security by quickly and accurately rejecting unwanted traffic. For details, see the TrustedSource white paper (<http://www.securecomputing.com/webform.cfm?id=105&ref=1657>)

- **TrustedSource Web Database** – Web filtering offered by Secure Web delivers the best protection available through the powerful combination of both reputation- and category-based filtering. The TrustedSource Web Database is the repository for all of the global Internet data gathered by Secure Computing. Reputation scores and category placement are determined from this rich data source. With more than 90 categories to choose from and the added security provided through reputation scores, the coverage, accuracy, and security provided by Web filtering with Secure Web is unmatched.
- **Protection for encrypted traffic** – SSL traffic (HTTPS) is widely seen as the new back door through an organization’s security barrier and must be secured the same way traditional HTTP traffic is secured. Secure Web is the first security product available that fully integrates malware detection, SSL inspection, and certificate validation. There is no need to route traffic to a separate box for malware inspection, as Secure Web SSL Scanner scans all SSL traffic on the appliance maintaining the complete security, integrity, and privacy of the SSL transaction.
- **Secure Web Cache** – Secure Computing is the first vendor to rethink the design of proxy/cache specifically for a secure Web 2.0 environment. Secure Web Cache uses a revolutionary new design that employs proactive scanning and security reputation prior to delivering a cached object to an end-user. This provides much more efficient virus and malware scanning while dramatically reducing the amount of disk storage required compared to traditional caching solutions.
- **Data leakage protection (DLP)** – Secure Web protects organizations from outbound threats such as loss of confidential information that can leak out on key Web protocols. Secure Web provides this security by performing unique outbound scanning of content—even content transmitted via SSL. This makes Secure Web an important tool in an organization’s arsenal to prevent intellectual property loss, comply with regulatory requirements, and provide reporting for compliance as well as forensics in the event of leakage. For organizations with advanced DLP requirements, Secure Web is the perfect platform to implement third-party DLP engines.

## Secure Web (Webwasher) Appliances

Secure Web completely integrates numerous protections that would otherwise require multiple stand-alone products, such as Web filter, anti-virus, anti-spyware, SSL scanner, and content control filters in one single and easy to manage appliance. Whether you need to protect your network from spyware and malware, prevent employee access to risky Web sites, or control the dissemination of confidential information via the Web gateway, Secure Computing has a Secure Web solution that fits your budget and your needs.



Figure 1: Secure Web security dashboard provides instant snapshots of an organization's Web traffic – without running a report.

You'll start with a high-performance, **enterprise-strong proxy** appliance that ships with the authentication, administrative, and authorization controls necessary to control Internet access and use. A variety of dashboard reports reveals the current health of the appliance as well as an instant snapshot of the filtering performance. Additionally, all appliances ship with **Secure Web SSL Scanner** and **Secure Web Cache** enabled, the industry's first and only security aware cache for Web 2.0 powered by TrustedSource global reputation.

Secure Web (*Webwasher*) appliances are pre-installed with a proven default configuration that allows fast, easy, and error-free deployment. Policy changes in complex, multi-appliance environments are easy to manage since changes are pushed from a master instance to child instances.

Secure Web uses the industry standard ICAP (Internet Content Adaptation Protocol) to efficiently communicate with other security appliances, data leakage solutions, as well as an array of industry standard proxy/caching devices. Secure Web supports the IFP protocol as well.

Security now extends to Secure Web administration as well. Secure Web supports Secure Computing's Secure SafeWord two-factor authentication for securely accessing and administering the Secure Web solution.

## Secure Web Modules

Secure Web (*Webwasher*) protections are available in different modules so customers can pick and choose the level of defense they want. And because all Secure Web modules are tightly integrated, Secure Web's efficient policy management enables administrators to specify policies once that apply to all modules and are valid for all Web, SSL, and FTP traffic.

### Secure Web Filter

Secure Web Filter combines the accuracy and breadth of the TrustedSource Web Database with reputation-based filtering. This combination, unique only to Secure Web, makes Secure Web Filter the most powerful filtering solution available today. Secure Web Filter prevents malicious content from entering your network and significantly reduces productivity losses, bandwidth consumption, and legal risks caused by unauthorized employee access to inappropriate or distracting Web content. Secure Web Filter comes with an easy-to-use drill-down reporting solution so you can easily determine where your employees spend their time on the Web.



\* Secure Web detected 99.9% of malicious samples while achieving a .003% false positive rate.

Anti-Malware Performing Testing  
PC Mag.com, 2008

[http://blogs.pcmag.com/securitywatch/2008/01/antimalware\\_performance\\_testin.php](http://blogs.pcmag.com/securitywatch/2008/01/antimalware_performance_testin.php)

Secure Web has been positioned by Gartner, Inc., a premier research and advisory firm, in the Leaders Quadrant of the "Magic Quadrant for Secure Web Gateway, 2007" report published on June 4, 2007.

Leaders are high-momentum vendors (based on sales and "mind share" growth) with emerging track records in Web gateway security, as well as vision and business investments that indicate they are well-positioned for the future.

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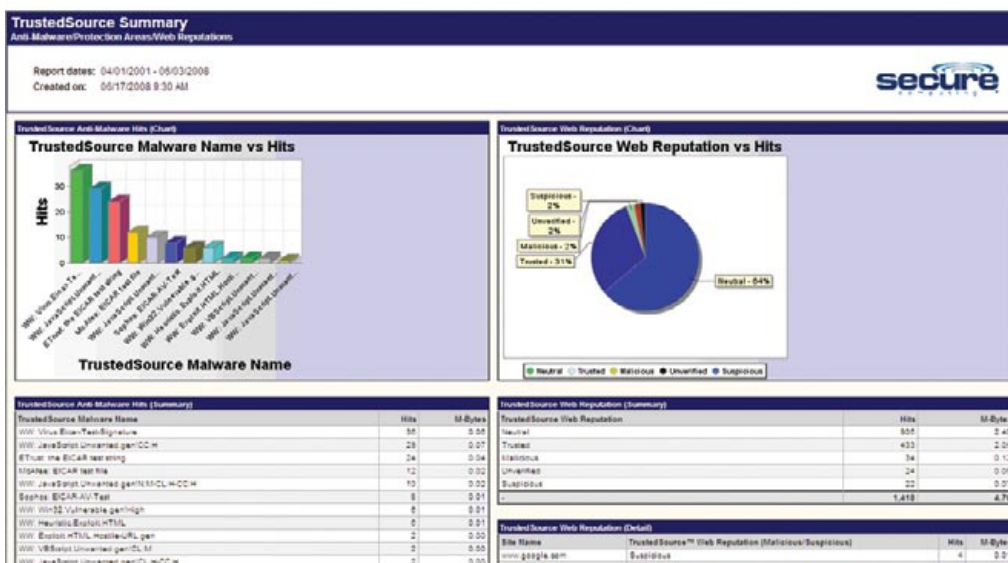


Figure 2: Secure Web Reporter's powerful advanced reporting provides the detail and flexibility organizations need. Multiple graphs and tables from different queries can be combined into a single report or dashboard view.



### For More Information

Contact your local reseller,  
or Secure Computing at:  
**1-800-379-4944 (inside U.S.)**  
**1-408-494-2020 (worldwide)**  
[sales@securecomputing.com](mailto:sales@securecomputing.com)  
[www.securecomputing.com/goto/secureweb](http://www.securecomputing.com/goto/secureweb)

### Secure Web Anti-Malware

Secure Web Anti-Malware is the best available solution to stop both known and unknown malware including viruses, spyware, and key-loggers from entering your network, even if downloaded within an encrypted SSL session. Secure Web Anti-Malware combines an exceptional signature-based anti-virus engine for known malware with the in-depth analysis of our proactive, intent analysis security filters to detect blended or yet unknown bad content with malicious intent. Deep content inspection makes sure that malware is reliably detected even if hidden deep in compressed or spoofed files.

### Secure Web Anti-Virus

For organizations who want additional signature-based anti-virus protection, Secure Web Anti-Virus enables organizations to purchase one of two 3rd-party anti-virus solutions to protect against viruses in Web and FTP traffic at the gateway. Secure Computing can license anti-virus solutions from both McAfee and Sophos to our customers to run on the Secure Web appliance.

### Secure Web Reporter

With Secure Web Reporter, you can quickly understand how your organization is using the Web, identify trends, isolate problems, document inappropriate Web activity, and tailor your filtering settings to effectively enforce your Web usage policies. Secure Web Reporter combines real-time views into today's Web traffic and extensive drill-down capabilities with powerful off-line processing—everything you need in one easy-to-use solution. This highly scalable solution is an excellent reporting application for even the largest global corporations.

Available in both basic and premium versions, Secure Web Reporter offers the features and scalability your organization needs. Basic offers very robust reporting capabilities and is available for no charge with any Secure Web Filter module subscription. Secure Web Reporter Premium offers additional capabilities, including:

- **Delegated Reporting:** Enables enterprises to reduce the burden on IT resources by distributing reporting responsibilities across the organization. Customers can allow or restrict access to specific data, enabling various IT administrators to share reporting responsibilities.
- **Advanced Reporting:** Powerful advanced reporting capabilities enable organizations to configure highly detailed, custom reports to help identify trends and issues. Additionally, IT administrators can combine multiple queries into a single report or dashboard view, providing detailed and specific reporting results.

### Secure Web Appliance Specifications



Model name	WW500E	WW1100E	WW1900E	WW2900E
<b>Form factor</b>	1U rack mount	1U rack mount	1U rack mount	2U rack mount
<b>RAM</b>	2 GB	2 GB	4 GB	4 GB
<b>Processor</b>	Single	Dual core	2 Dual core	2 Quad core
<b>Processor cache</b>	512 KB	2 x 2 MB	4 MB	2 x 4 MB
<b>Disk</b>	160 GB SATA	2 x 160 GB SATA	2 x 300 GB SAS	2 x 146 GB SAS + 4 x 300 GB SAS
<b>RAID</b>	–	RAID 1	RAID 1	RAID 1/RAID 5
<b>Power supply</b>	Single	Single	Redundant	Redundant
<b>Interfaces</b>	2 x 10/100/1000	4 x 10/100/1000	4 x 10/100/1000	4 x 10/100/1000

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