

IronPort Web Security Appliances

At-A-Glance



IronPort® Systems, Inc. is an independent business unit of Cisco Systems. Operating as a part of Cisco's Security Technology Group, IronPort is a leading provider of anti-spam, anti-virus and anti-spyware appliances for organizations ranging from small businesses to the Global 2000. IronPort technology addresses issues faced by corporations worldwide, by combining powerful performance with preventive and reactive security measures that are easy to deploy and manage.

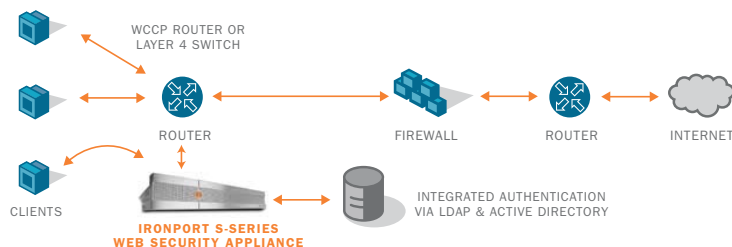
WHY IS WEB SECURITY SO IMPORTANT?

Spyware has quickly evolved to become one of the most significant corporate security issues. According to industry estimates, approximately 75 percent of corporate PCs are infected with spyware, yet less than 10 percent of those companies have perimeter spyware defenses. The challenges of securing and controlling enterprise Web traffic is continually growing and changing. The security risk is real, with Web-based malware a rapidly growing threat that is responsible for significant corporate downtime, productivity losses and major strains on IT resources. Enterprises need control to understand when, where and how their employees are using the Web. Additionally, an enterprise runs the risk of violating compliance and data privacy regulations if their networks become compromised. The legal exposure as a result of these violations comes at a significant cost. Malware infections also risk exposing an organization's business-critical data and intellectual property assets.

WHAT ARE IRONPORT'S WEB SECURITY PRODUCTS?

The IronPort S-Series™ is the industry's fastest Web security appliance – providing a network perimeter defense for the broadest range of spyware and Web-based malware. These powerful systems have a demonstrated record of unparalleled performance and reliability.

IronPort S-Series appliances combine a high-performance security platform with IronPort's exclusive Web Reputation™ technology and the breakthrough IronPort Dynamic Vectoring and Streaming (DVS) engine™. This revolutionary scanning solution enables multi-vendor, signature-based spyware and malware filtering.



Secure and Control Web Traffic: Existing gateway defenses are proving to be inadequate against a variety of Web-based malware. IronPort S-Series web security appliance provides a single platform solution to enable the industry's most powerful protection and control.

IronPort Web security appliances provide:

- High-performance protection and defense against spyware and Web-based threats
- URL, Web reputation and malware filtering – all on a single appliance
- The industry's fastest Web proxy, along with integrated caching and content acceleration capabilities
- Unique outbound threat monitoring across all TCP ports
- Enforcement of acceptable use and security policies over HTTPs-decrypted data
- Protection against malware activity and attempts to bypass Port 80
- Comprehensive management and reporting capabilities with multiple deployment modes, robust real-time and historical reports, and an easy-to-use GUI

WHAT IS THE IRONPORT SENDERBASE NETWORK?

IronPort appliances harness the power of the IronPort SenderBase® Network, the world's first and largest threat tracking database. SenderBase captures data from more than 100,000 organizations worldwide, providing a large and diverse sample of Internet traffic patterns.

Over 100,000 organizations participate in IronPort's SenderBase Network, enabling the world's largest email and Web traffic monitoring system.



- IronPort's SenderBase receives over five billion queries daily
- Using SenderBase data, IronPort increases malware catch rates by more than 20 percent over signature-based scanning alone – an unprecedented increase in efficacy
- For live threat updates and real-time access to your SenderBase Reputation Score (SBRs), visit: www.senderbase.org



WHAT ARE IRONPORT'S TECHNOLOGY DIFFERENTIATORS?

IronPort AsyncOS™: IronPort Systems' AsyncOS is a unique, high-performance software architecture, engineered from the ground up to address concurrency-based communications bottlenecks and the limitations of file-based queuing.

Layer 4 Traffic Monitor: IronPort's L4 Traffic Monitor scans all ports at wire speed, blocking spyware activity and effectively stopping malware that attempts to bypass Port 80.

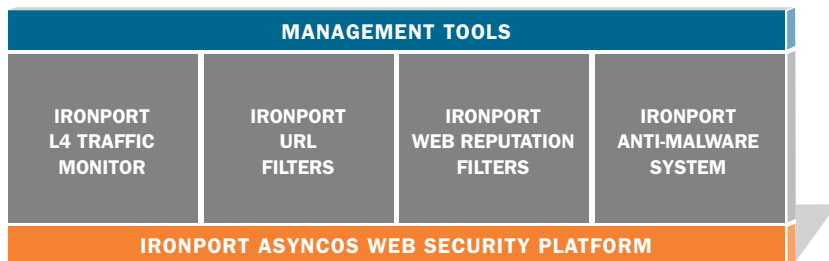
IronPort's DVS engine: Designed to accelerate the signature scanning of Web content and minimize latency, the IronPort DVS engine employs sophisticated object parsing and vectoring techniques, along with stream scanning and verdict caching – resulting in dramatically increased throughput.

IronPort URL Filters™: By comparing users' Web traffic requests against administrator-set policies for pre-defined categories, these filters easily address acceptable use policy concerns – offering the broadest reach and highest accuracy rate in controlling Web content.

IronPort Web Reputation Filters™: Providing a powerful outer layer of defense, these filters analyze Web traffic and network-related parameters to accurately evaluate a URL's trustworthiness. Using that input to make scanning decisions maximizes system throughput, reduces latency and increases overall accuracy.

IronPort Anti-Malware System™: This system quickly and accurately detects and blocks a full range of known and emerging threats, including adware, Trojans, system monitors, keyloggers, rootkits, malicious/tracking cookies, browser hijackers, browser helper objects, phishing and more.

IronPort Threat Operations Center: IronPort's 24x7 Threat Operations Center (the TOC) is IronPort's view into global traffic activity – enabling IronPort to analyze anomalies, uncover new threats and track traffic trends.



Power at the Perimeter: The IronPort S-Series combines revolutionary technologies to provide multi-layered Web security on a single appliance.

WHAT SETS IRONPORT APART FROM OTHER WEB SECURITY VENDORS?

- An IronPort Web Security Assessment can instantly provide visibility into malware traffic over Port 80.
- IronPort extends Web security beyond the traditional proxy and URL filtering to also prevent spyware from ever entering the network.
- The IronPort Web Reputation database monitors new websites in real time and blocks access to the content these sites host.
- IronPort URL Filters offer robust categorization and reporting for end-user activity.
- IronPort is the only Web security appliance to offer multiple malware signatures on an integrated platform.
- IronPort technology protects against adware, browser hijackers, phishing, pharming, rootkits, Trojans, worms, system monitors and keyloggers.

WHICH IRONPORT APPLIANCE IS RIGHT FOR MY ORGANIZATION?

IronPort Systems provides industry leading Web security products for organizations of all sizes.

- **IronPort S650™:** Designed to meet the needs of the most demanding networks in the world. Suggested for medium to large enterprises.
- **IronPort S350™:** Recommended for small to medium enterprises.

WHY IRONPORT?

IronPort S-Series appliances are highly-sophisticated Web security solutions. IronPort's advanced technology leads to the simplicity of management, and also the highest levels of security in the world. IronPort's Web security solutions are carrier-class offerings that can support and protect your infrastructure – not only from today's threats, but from those certain to evolve in the future.

IronPort Systems is focused on building comprehensive gateway security for enterprise customers. IronPort is a clear leader in the industry, pioneering technical breakthroughs like reputation systems and unique proxy appliance designs. IronPort's industry-leading systems provide state-of-the-art network protection.

WHERE SHOULD I GO FOR MORE INFORMATION?

The best way to understand the benefits of IronPort technology is to participate in IronPort's "TRY BEFORE YOU BUY" evaluation program and receive a fully-functional IronPort evaluation appliance to test in your network, free for 30 days.

IronPort has thousands of customers around the world, who realized after a short trial that the IronPort S-Series is the most advanced Web security technology available today.

To secure greater protection for your company's Web or email messaging system, visit www.ironport.com or call 650-989-6530.