



ADVANCED THREAT  
PREVENTION, SPAM AND  
VIRUS BLOCKING, AND  
CORPORATE EMAIL POLICY  
ENFORCEMENT.

## IronPort C600 Email Security Appliance for Large Enterprises and ISPs

### OVERVIEW

With growing security threats such as spam and viruses, it is imperative that organizations protect their email infrastructures. Built on the foundation of the *IronPort AsyncOS™* operating system, the *IronPort C600™* email security appliance protects the email systems of Fortune 500 and Global 2000 companies, as well as the world's largest ISPs. The unparalleled performance of the IronPort email security appliance delivers dial-tone availability, saving hours of productivity and thousands of dollars during peak traffic

times such as damaging virus outbreaks or spam attacks.

Large enterprises need a secure and easy to manage email security solution that protects all facets of their complex email infrastructures. IronPort's exclusive preventive filters and signature-based reactive filters, combined with content filtering and best-of-breed encryption technology, provide the highest levels of email security available today—while delivering unprecedented visibility and management tools

### FEATURES

The *IronPort C600* provides the world's most powerful multi-layered approach to email security.

#### SPAM PROTECTION

**IronPort Reputation Filters™** provide an outer layer of defense using *IronPort SenderBase®* data to perform real-time email traffic threat assessment and identify suspicious email senders.

**Symantec Brightmail AntiSpam Filters** act as the inner layer for spam protection with the industry's lowest administration and most accurate spam detection available today.

#### VIRUS PROTECTION

**IronPort Virus Outbreak Filters™** identify and quarantine viruses hours before traditional virus signatures are available.

**Sophos Anti-Virus** technology provides a fully integrated second layer of virus protection with the highest-performance virus scanning technology in the industry.

#### HIGH-PERFORMANCE CONTENT SCANNING ENGINE

**Content Scanning** technology enables enforcement of regulatory and acceptable use policies, based on the content of messages. Turnkey HIPAA, SOX, and GLB solutions are also available with this feature.

**Compliance Quarantine** provides delegated access to emails that have been flagged by the content scanning engine.



## FEATURES (CONTINUED)

### ENTERPRISE MANAGEMENT TOOLS

**Email Security Manager™** provides fingertip control to manage all email security, including preventive and reactive anti-spam and anti-virus filters, email encryption, and content filtering.

**Intuitive GUI** enables unprecedented visibility and control. The integrated Web-based user interface enables real-time and historical reporting along with the ability to configure policies, search, and selectively release quarantined messages.

**Centralized Management** eliminates a single point of failure with superior “peer to peer” architecture and makes managing multi-box installations of IronPort email security appliances simple. The ability to manage configuration at multiple levels allows organizations to manage globally while complying with local policies.

**Mail Flow Central™** allows you to find the status of any message that has traversed your infrastructure. With this centralized reporting tool, administrators and support staff can

quickly answer end user inquiries such as, “What happened to my email?”

**Mail Flow Monitor™** delivers complete real-time visibility into who is sending you email, and alerts administrators of suspicious traffic—allowing them to take immediate action.

**SNMP Enterprise MIB** facilitates hands-off monitoring and alerting for all system parameters including hardware, security, performance and available.

### IRONPORT MTA PLATFORM

**AsyncOS™**, *AsyncOS*, IronPort’s proprietary operating system, was built from the ground up to address the requirements of modern email gateways and to position customers for the future of SMTP. The *IronPort C600* supports 10,000 simultaneous incoming and outgoing connections—ensuring that your email infrastructure is never overwhelmed, even during the largest outbreaks or attacks.

## BENEFITS

**Unprecedented Insight** The *IronPort C600* offers very sophisticated management, monitoring and reporting tools designed to satisfy the large global enterprises and ISPs that make up IronPort’s customer base. Each appliance has a unique reporting system, providing both a real-time and historical look at mail flowing through your email infrastructure. IronPort provides system administrators with the necessary information to make critical security decisions.

**Reduced TCO** The *IronPort MTA* platform enables massive reduction in Total Cost of Ownership (TCO) by consolidating email operations and security into a single platform. Self-managing security services provide the lowest maintenance solution in the industry with minimal configuration requirements.

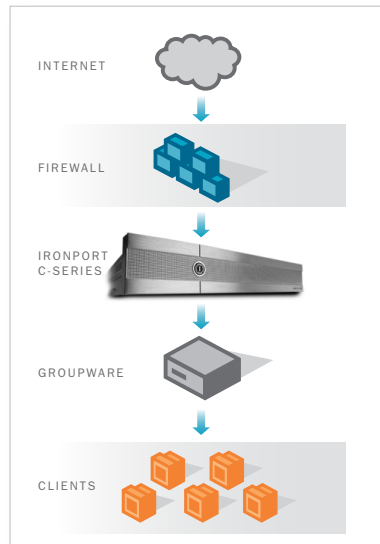
**Increased End-User Productivity** By securing the network at the gateway level, the *IronPort C600* acts as a “shock absorber,” in front of the groupware server(s). This ensures that end users are not bogged down by spam, viruses, and other threats. Unlike other solutions, IronPort security services do not rely on end users to “train” the system. Instead, high accuracy is maintained through continuous and automatic rule updates.

**Improved Administrative Efficiency** IronPort’s *Reputation Filters* system was the first in the industry and remains the most sophisticated. In its default settings, it will block over 80 percent of incoming mail at the connection level, saving bandwidth (the message is never accepted) and system resources. CPU-intensive spam and virus filters are used only when needed, and rate limiting is a very effective defense against “hit and run” spam attacks or denial-of-service attacks.



**BENEFITS**  
(CONTINUED)

The *IronPort C600* integrates easily into existing messaging infrastructures—delivering defense-in-depth security with carrier-proven technology and the management capabilities required by large enterprises and ISPs.



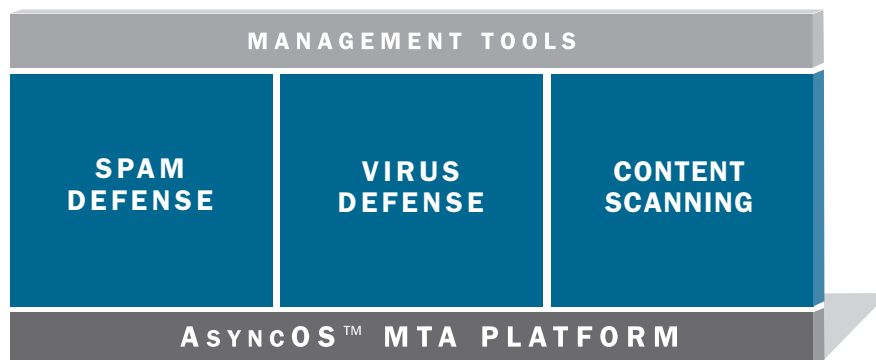
**Minimized Downtime** The comprehensive *IronPort C600* solution to ensure the availability and security of your email infrastructure. IronPort offers a variety of security applications for spam and virus filtering, content scanning, and policy enforcement. Together these features reduce the risk and potential downtime posed by security threats.

**FIGURE 1.**

**TODAY'S EMAIL-BORNE THREATS** consist of virus attacks, spam, false-positives, denial of service attacks, directory harvest attacks, and phishing (fraud). The *IronPort C600* email security appliance addresses the issues faced by large enterprises and ISPs, by uniquely combining powerful performance with preventive and reactive security measures that are easy to deploy and manage.

**Power at the Perimeter:**

The *IronPort C600* provides multi-layered security on a single appliance by combining revolutionary *IronPort Reputation Filters*, *IronPort Virus Outbreak Filters*, and MTA platform—with additional market leading anti-spam and anti-virus technology.



## SPECS

### CHASSIS / PROCESSOR

Form Factor	19" Rack-Mountable, 2U rack height
Dimensions	3.5" (h) x 19" (w) x 29" (d)
CPU	Two Intel Xeon Processors
Power Supplies	Hot-plug redundant, 700 watts, 100/240 volts

### STORAGE

RAID	RAID 10 configuration; Dual channel hardware with battery-backed cache
Drives	Four hot-swappable, 146 GB Ultra 3 (Ultra 160) SCSI
Capacity	70 GB queue capacity, 110 GB discretionary capacity (mail flow database, logs, configuration, archives)

### CONNECTIVITY

Ethernet	Two Broadcom Gigabit BaseT and One Intel 10/100 BaseT Ethernet ports
Serial	One RS-232 (DB-9) Serial Port

### MAIL OPERATIONS

Mail Injection Protocols	SMTP, ESMTP, Secure SMTP over TLS
Mail Delivery Protocols	SMTP, ESMTP, Secure SMTP over TLS
DNS	Internal resolver/cache; Can resolve using local DNS or Internet DNS servers

### INTERFACES/CONFIGURATION

Web Interface	Accessible by HTTP or HTTPS
Command Line Interface	Accessible via SSH or Telnet; Configuration Wizard or command-based
File Transfer	SCP or FTP
Programmatic Monitoring	XML over HTTP(S)
Configuration Files	XML-based configuration files archived or transferred to cluster
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## PRODUCT LINE

### SIZING UP YOUR EMAIL SECURITY SOLUTION

IronPort Systems provides industry leading email security products for organizations ranging from small businesses to the Global 2000.

<b>IronPort X1000</b>	Designed to meet the needs of the most demanding networks in the world.
<b>IronPort C600</b>	Suggested for organizations with more than 5000 email users.
<b>IronPort C300</b>	For medium-sized enterprises and organizations with 1000 to 5000 email users.
<b>IronPort C300D</b>	For any company with unique outbound email communication needs.
<b>IronPort C10</b>	An affordable, and easy to use all-in-one appliance for organizations with up to 1000 email users.



## SUMMARY

### INDUSTRIAL STRENGTH EMAIL SECURITY

The *IronPort C600* is the most sophisticated email security appliance available today. IronPort appliances are in production at 8 of the 10 largest ISPs and more than 20% of the world's largest enterprises. This system has a demonstrated record of unparalleled security and reliability.

By reducing the downtime associated with spam, viruses and a wide variety of other threats, the *IronPort C600* enables the ad-

ministration of complex corporate mail systems, reduces the burden on technical staff, and quickly pays for itself. It is the advanced technology within the IronPort that leads to the simplicity of management, and also the highest levels of security in the world. IronPort's email security appliances are carrier class offerings that can support and protect your email systems – not only from today's threats, but from those certain to evolve in the future.

## CONTACT US

### TRY BEFORE YOU BUY

Through a global salesforce and reseller network, IronPort offers a free "Try Before You Buy" program for the *IronPort C600*. To learn if you qualify call 650-989-6530 or visit us on the web at [www.ironport.com/try](http://www.ironport.com/try)



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IronPort Systems is the leading email security products provider for organizations ranging from small businesses to the Global 2000. IronPort provides high performance, easy-to-use, and technically innovative products for those faced with the monumental task of managing, protecting, and growing mission-critical email systems.



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