



**SIMPLE INSTALLATION,
EASY MANAGEMENT, AND
POWERFUL PROTECTION
FOR YOUR EMAIL
INFRASTRUCTURE.**

IronPort C160 for Commercial Businesses

OVERVIEW

Today, companies rely on email more than the telephone to conduct daily business. With growing security threats such as spam, viruses and data loss, it is imperative that businesses of all sizes protect their email infrastructures. The *IronPort C160™* is a reliable, affordable, and easy to use all-in-one

appliance—purpose-built for email security. Designed to meet the needs of commercial businesses and satellite offices, the *IronPort C160* is built on the same robust platform that protects the email infrastructures of major Global 2000 companies.

“The IronPort C160 email security appliance is built on the same robust platform that powers and protects the most demanding networks in the world.”

FEATURES

The *IronPort C160* provides the most robust perimeter protection—while lowering the cost of maintaining a reliable, secure email infrastructure—to ensure high availability of mission critical mail.

SPAM PROTECTION

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

IronPort Anti-Spam™ Filters combine best-of-breed conventional techniques with IronPort's breakthrough context-sensitive detection technology, to eliminate the broadest range of known and emerging email threats.

VIRUS PROTECTION

IronPort Virus Outbreak Filters™ stop viruses before they even enter your network by identifying and quarantining suspicious email—hours before traditional virus signatures are available.

McAfee and Sophos Anti-Virus technologies provide additional, fully-integrated layers of protection – enabling the industry's broadest and highest-performance virus scanning solution.

EMAIL ENCRYPTION

IronPort Email Encryption protects confidential data, using *IronPort PXE™* technology to enable simple, secure two-way communication with any email recipient.



FEATURES
(CONTINUED)

POWERFUL AND EASY TO
USE MANAGEMENT TOOLS

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.

Email Security Monitor™ delivers real-time threat monitoring and reporting. This technology tracks every system connecting to your IronPort appliance to identify Internet threats (such as spam, viruses and denial-of-service attacks), monitor internal user trends and highlight compliance violations.

The IronPort Spam Quarantine™ is a self-service end-user solution, with an easy to use Web or email-based interface. This feature provides end-users with their own safe holding area for spam messages and integrates seamlessly with existing directory and mail systems.

SIMPLIFIED
DATA LOSS PREVENTION

Integrated Content Scanning technology enables easy-to-manage enforcement of regulatory and acceptable use policies and

protection of intellectual property, based on the content of messages and attachments. Turnkey PCI, HIPAA, SOX and GLB solutions are available with this feature.

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

BOUNCE ATTACK PROTECTION

IronPort Bounce Verification™ signs the return address for outgoing mail – allowing filtering of legitimate bounces from fraudulent bounces by the existence of the correct signature.

IRONPORT MTA PLATFORM

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. This high-performance, future-proof platform ensures that your email infrastructure is never overwhelmed, even during the largest outbreaks or attacks.

BENEFITS

Affordable The *IronPort C160* is designed and built not only for power and ease of use, but also for affordability. This innovative technology provides a comprehensive solution to ensure the availability and security of your email infrastructure—implemented in a manner that makes it cost-effective for companies of all sizes.

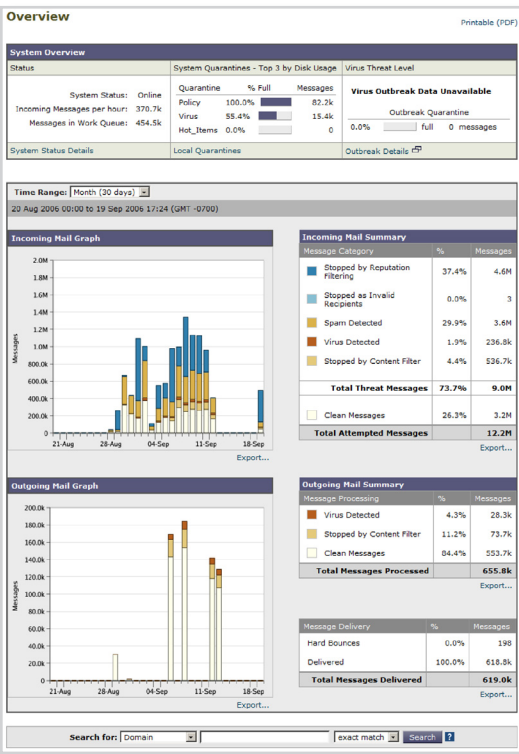
Reduced Administrative Burden The *IronPort C160* uses the industry’s most advanced technology to deal with threats and anomalies in a fully automated manner. This allows highly skilled IT staff to focus on other problems and leave the email issues to IronPort®.

Increased End-User Productivity By securing the network at the gateway level, the *IronPort C160* 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.

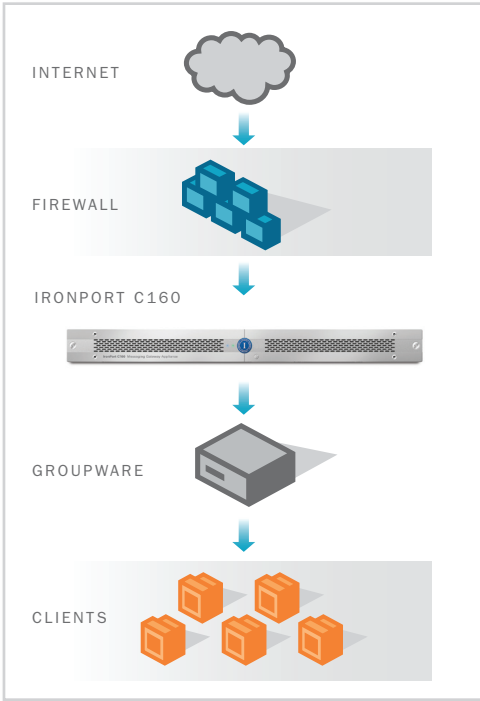


BENEFITS
(CONTINUED)

IronPort Email Security Monitor's intuitive graphical user interface enables real-time and historical visibility into your email traffic.



The *IronPort C160* 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.



Lower 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.

Scalable Due to the unique design of the *IronPort C160* core architecture, the solution is robust enough to support growing companies. It scales as the size of your organization increases. Multiple *IronPort C160* appliances can also be clustered for automatic scalability, redundancy and fault tolerance.

Unprecedented Insight The *IronPort C160* offers very sophisticated management, monitoring and reporting tools. 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.

Improved Network Efficiency The *IronPort Reputation Filtering 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 only used when needed, and rate limiting is a very effective defense against “hit and run” spam attacks or denial of service attacks.



SPECS

CHASSIS/PROCESSOR

Form Factor	17" 1U rack mounted chassis
Dimensions	1.7" (h) x 17" (w) x 22" (d)
CPU	Single Intel Processor

STORAGE/MEMORY

RAID	RAID 1 configuration
Drives	Two 250GB SATA drives
RAM	4GB

CONNECTIVITY

Ethernet	Two Embedded Intel Gigabit NICs
Serial	1 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 Wizards
File Transfer	SCP or FTP
Programmatic Monitoring	XML-based configuration files

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.

IronPort X1060™	Built to meet the needs of the most demanding networks in the world.
IronPort C660™	Designed for large enterprises and service providers.
IronPort C360™	Suggested for medium to large enterprises.
IronPort C360D™	Recommended for any company with unique outbound email communication needs.
IronPort C160	An affordable, and easy to use, all-in-one appliance for commercial businesses.



SUMMARY

INDUSTRIAL STRENGTH EMAIL SECURITY

The IronPort email security appliance is the most sophisticated system available today. In production at eight of the ten largest ISPs and more than 40 percent of the world's largest enterprises, this system has a demonstrated record of unparalleled security and reliability.

This same code base that powers IronPort's most sophisticated customers is also available in an easy-to-use 1U appliance—the *IronPort C160*. By reducing the

downtime associated with spam, viruses and a wide variety of other threats, the *IronPort C160* enables the administration of corporate mail systems, reduces the burden on technical staff, and quickly pays for itself. It is the advanced technology within the IronPort appliances that leads to the simplicity of management, and also the highest levels of security in the world. IronPort's email security appliances 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 C160*. To learn if you qualify call 650-989-6530 or visit us on the Web at www.ironport.com/try



IronPort Systems

950 Elm Avenue, San Bruno, California 94066

TEL 650.989.6500 FAX 650.989.6543

EMAIL info@ironport.com WEB www.ironport.com

IronPort Systems, now part of Cisco, is a leading provider of anti-spam, anti-virus and anti-spyware appliances for organizations ranging from small businesses to the Global 2000. IronPort appliances utilize SenderBase, the world's largest email and Web threat detection network and database. IronPort products are innovative and easy-to-use—providing breakthrough performance and playing a mission-critical role in a company's network infrastructure.

Copyright © 2000-2009 Cisco Systems, Inc. All rights reserved. IronPort, the IronPort logo and SenderBase are registered trademarks of Cisco Systems, Inc. or its affiliates. All other trademarks are the property of Cisco Systems, Inc., its affiliates or their respective owners. While every effort is made to ensure the information given is accurate, Cisco does not accept liability for any errors or mistakes which may arise. Specifications and other information in this document may be subject to change without notice. P/N 435-0103-8 3/09

IronPort is now
part of Cisco.

