



EMAIL SECURITY  
OPTIMIZED FOR OUTBOUND  
COMMUNICATION  
REQUIREMENTS.

## IronPort C360D

# Maximum Email Deliverability with Identity and Reputation Protection

### OVERVIEW

The *IronPort C360D*™ email security appliance is the specialized *IronPort C-Series*™ product, optimized to meet the unique requirements of email transaction confirmations, investor updates, and marketing newsletters. With the latest in email sender authentication technology, the *IronPort C360D* ensures timely and efficient communications with customers while allowing enterprises to manage and protect their corporate identities on the Internet.

The *IronPort C360D* has been designed to lower the costs of managing high volume mail delivery. The user interfaces have been designed with high usability standards and

refined based on administrator feedback. Powerful enterprise monitoring integration and custom alerting truly makes the systems “set-and-forget” allowing administrators to focus on priorities other than mail delivery.

IronPort® built its email security appliance line from the ground up to deliver on the performance requirements of today. A single *IronPort C360D* can replace up to ten traditional servers running software like sendmail, postfix, or qmail. In addition, massive connection concurrency allows fast mail to bypass slow mail and ensure prompt mail delivery.

### FEATURES

The *IronPort C360D* is purpose-built to meet the outbound communication needs of enterprises by providing a powerful multi-layered approach with unique features and integrated technology.

#### ENSURE MESSAGES GET DELIVERED

**Sender authentication technology** support is one of the most unique features provided by the *IronPort C360D*. Phishing threats are causing ISPs to rapidly adopt new technologies to establish the true identity of email senders and protect their user base. Every *IronPort C360D* contains DomainKeys Identified Mail (DKIM), and DomainKeys verification and signing technology to digitally sign each outgoing message and establish your identity with receivers on the Internet.

**Virtual Gateway™ technology** intelligently segregates email traffic across different IP addresses to maintain consistent reputation across all outbound communications. This solution ensures that marketing mail gets one IP address, and transactions get another—protecting the reputation of both.

**Delivery control** allows you to fine tune the maximum number of connections and rate of message delivery to each domain, ensuring responsible interaction with receiving servers. Additionally, IronPort’s unique Global Unsubscribe feature ensures that specified users and domains will never receive messages from the *IronPort C360D*, enabling compliance with regulations like CAN-SPAM. Optional anti-virus scanning is also available.



**FEATURES**  
(CONTINUED)

**ENTERPRISE MANAGEMENT TOOLS**

**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.

**Unique real-time reporting** provides an intuitive Web UI and allows campaigns to be monitored in real time to resolve any delivery issues, delegate responsibility, and enable different departments to monitor delivery status from their own set of IPs.

**BENEFITS**

**Integrated Control** The *IronPort C360D* shares the management and reporting tools of all *IronPort C-Series* appliances; so one IT team can manage and report on the entire corporate email system.

**Unrivaled Throughput** The *IronPort C360D* can deliver critical mail more than an order of magnitude faster than most traditional mail transport agents. The solution enables you to immediately reduce your operating costs by replacing racks of traditional servers with *IronPort C360D* appliances, which can deliver up to 800,000 messages per hour.

**Bypass Slow Mail** *AsyncOS™*, IronPort’s proprietary operating system, supports up to 10,000 simultaneous connections and up to as many message queues. These per-domain destination queues ensure that slow connections

will not hold up fast mail, and that upholding customer service SLAs will be simple.

**High Availability** The *IronPort C360D* utilizes redundant hardware components to achieve business critical availability. A RAID subsystem and hot-plug power supplies define hardware availability. Secure protocols for message delivery and administrator access ensure the security of your communications and network.

**Reduced TCO** The *IronPort MTA* platform enables massive reduction in Total Cost of Ownership (TCO) by consolidating multiple technologies onto a single platform. The IronPort solution uses self-managing security services to provide the lowest maintenance solution in the industry with minimal configuration requirements.

**FIGURE 1.**

IronPort’s *Virtual Gateway* technology allows each campaign to be assigned its own IP address, segregating different classes of email running through the system. This results in a consistent reputation for each class.

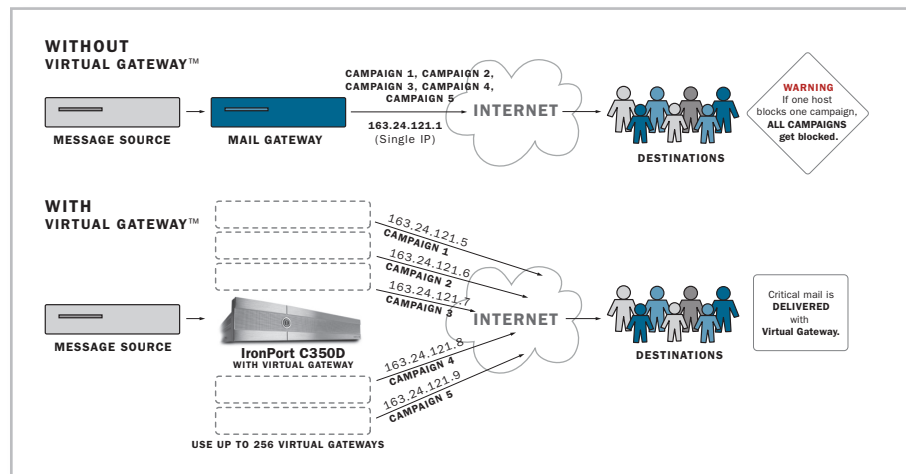
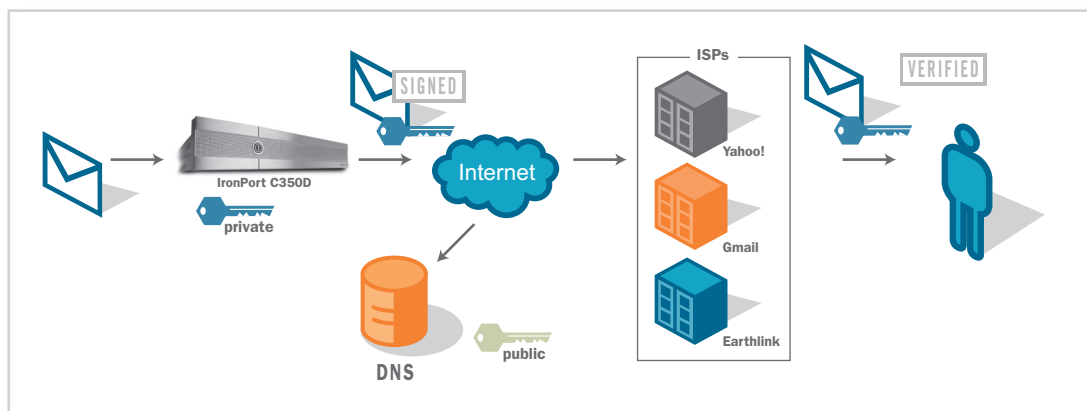


FIGURE 2.

The IronPort C360D enables DomainKeys; a cryptographic-based means to establish the true identity of email senders.



SPECS

CHASSIS/PROCESSOR

Form Factor	19" Rack-Mountable, 2U rack height
Dimensions	3.5" (h) x 19" (w) x 29" (d)
CPU	One Intel Multi-Core Processor
Power Supplies	Hot-plug redundant, 750 watts, 100/240 volts

STORAGE

RAID	RAID 1 configuration; Dual channel hardware with battery-backed cache
Drives	Two hot-swappable, 300 GB Serial Attached SCSI
Capacity	35 GB effective queue capacity

CONNECTIVITY

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

MAIL OPERATIONS

Mail Protocols	SMTP, ESMTP, Secure SMTP over TLS, and IronPort Mail Merge
DNS	Internal resolver/cache; Can resolve using local DNS or Internet Root 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

SUSTAINED MAIL THROUGHPUT PERFORMANCE

SMTP delivery	960K MPH at 3KB (message size)
	845K MPH at 15KB
	725K MPH at 30KB

CRYPTOGRAPHIC ALGORITHMS

TLS (Encrypted SMTP)	56-bit DES, 168-bit 3DES, 128-bit RC4, 128-bit AES and 256-bit-AES
DomainKeys Signing	512, 768, 1024, 1536 and 2048-bit RSA
SSH for System Management	768 and 1024-bit RSA
HTTPS for System Management	RC4-SHA and RC4-MD5



## 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 X1060™</b>	Built to meet the needs of the most demanding networks in the world.
<b>IronPort C660™</b>	Designed for large enterprises and service providers.
<b>IronPort C360™</b>	Suggested for medium to large enterprises.
<b>IronPort C360D</b>	Recommended for any company with unique outbound email communication needs.
<b>IronPort C150™</b>	An affordable, and easy-to-use, all-in-one appliance for small to medium enterprises.

## SUMMARY

### ENSURE MAXIMUM DELIVERABILITY AND CONTROL OF YOUR COMMUNICATIONS

Traditional email delivery systems are plagued with the potential of failure and the high costs of management. The *IronPort C360D* email security appliance is elegantly designed to ensure mail delivery while keeping management costs to a minimum. Administrators can rest assured that campaigns are being delivered directly to the inbox without the headaches and loss of control of outsourcing.

The *IronPort C360D* appliance is the latest technology available to protect the identity and reputation of your company. IronPort's continued innovation in the areas of email sender identity, authentication, and reputation is making customers' lives easier and fixing email for the rest of the Internet.

## 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 C360D*. 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, 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.

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