

# Cisco IronPort Cloud Email Security

SUPERIOR EMAIL PROTECTION AND CONTROL  
WITH SIMPLIFIED ADMINISTRATION



Customers of all sizes face the same daunting challenges – higher message volumes and new, evolving email threats. Cisco® IronPort Cloud Email Security delivers leadership with choice, providing superior protection and control with the cost-effective convenience of a cloud deployment model. Based on the same industry-leading technology that protects 50 percent of Fortune 1000 companies from inbound and outbound email threats, the Cisco IronPort® Cloud Email Security service allows customers to reduce their on-site data center footprint and out task the management of their email security to trusted security experts. It provides an email infrastructure for maximum privacy and data protection in multiple, resilient Cisco data centers. Customers retain access to (and visibility of) the cloud infrastructure. With comprehensive reporting and message tracking, maximum administrative flexibility is assured. This unique service is all-inclusive – with software, hardware and support bundled together for simplicity.

## THE CISCO CLOUD SECURITY DIFFERENCE

The Cisco Cloud Security family of services leverages Cisco IronPort technology to deliver inbound and outbound protection for email and ScanSafe technology for web filtering. It is supported by a world class infrastructure of 33 global data centers, with 7 years of 100 percent uptime, over 100 dedicated engineers and industry-leading service level

agreements (SLAs). The cloud is fully integrated into the Cisco Secure Borderless Network architecture to address the new paradigm of dissolving borders. Cisco Cloud Security helps customers strengthen security, enable collaboration and address compliance requirements.

## FEATURES

Today's email security threats consist of various viruses, spam, false positives, distributed denial of service (DDoS) attacks, spyware and phishing (fraud).

Cisco utilizes multiple methods to provide the utmost in comprehensive email security, incorporating preventive and reactive measures to maximize defense.

### Proven Spam Protection

Cisco IronPort technology blocks all types of undesirable email messages using a multi-layered scanning architecture. This enables Cisco IronPort Cloud Email Security to deliver the industry's highest spam catch rate, greater than 99 percent, with a less than one in one million false-positive rate.



## FEATURES (CONTINUED)

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

**Cisco IronPort Anti-Spam** utilizes the industry's most innovative approach to threat detection, based on the unique Cisco IronPort Context Adaptive Scanning Engine (CASE), to determine:

- "What" content the message contains,
- "How" the message is constructed,
- "Who" is sending the message, and
- "Where" the call to action of the message takes you.

### Powerful Virus Defense

Cisco IronPort Cloud Email Security provides a multi-layered, multi-vendor approach to virus filtering.

**Cisco IronPort Virus Outbreak Filters** are a critical first layer of preventive defense against new outbreaks – detecting and stopping viruses, hours before traditional virus signatures are available.

**McAfee and Sophos anti-virus technology** is fully integrated to enable traditional virus detection methods and ensure maximum protection against even the most complex virus attacks.

### Sophisticated Outbound Control Protects Sensitive Information

Outbound control is just as important as inbound security. By applying additional message safeguards and policies, outbound control helps protect and secure sensitive information.

**Cisco IronPort Email DLP** provides protection for sensitive data with a fully integrated, comprehensive, accurate and easy solution. This feature has more than 100 predefined policies, ranging from government regulations such as the Health Insurance Portability and Accountability Act (HIPAA) in the US and the Data Protection Act in the UK to Industry regulations such as the Payment Card Industry Data Security Standard (PCI DSS). These policies leverage sophisticated content analysis techniques and are specifically tuned to virtually eliminate false positives and maximize catch rate. Additionally, administrators can easily build custom policies to identify company-specific intellectual property or sensitive data.

In a single user interface, administrators can configure anti-spam, anti-virus, content filtering, encryption, and email DLP actions on a per-user basis. Administrators can access real-time and scheduled reports to view violations by policy, severity, and senders.

### Encryption Ensures Secure Communication

**Business-class email** provides security and enhances visibility and control. Cisco IronPort Email Encryption secures authenticated confidential data to comply with partner, customer or regulatory requirements. This enables simple, secure communication from the gateway to any recipient inbox – while TLS, PGP and S/MIME technology ensure security between partner email gateways.

**Guaranteed read-receipts** allow the sender to know precisely when a message sent using Cisco IronPort Email Encryption was delivered and viewed by each recipient.

**Message expiration and locking** enables messages to be locked (preventing the recipient from viewing them) until they are actually viewed, even after delivery to the recipient's inbox.

### Comprehensive Administration and Easy Access for Co-Management

**A comprehensive support portal** provides customers the ability to create a customized homepage and quickly access their unique security interests, including:

- historical events/tickets
- geographical data
- security graphics
- trends
- network status
- performance

**Consolidated and robust reporting** options analyze traffic data from geographically diverse infrastructure deployments to provide fully integrated security reporting.

**Message tracking** gives customers real-time visibility into messages for tracking message disposition. This feature can help resolve help desk calls quickly by determining the exact location of a message with the flexible tracking interface.

### Service Level Agreements (SLAs)

Cisco IronPort Cloud Email Security provides high-performance email security backed with an industry-leading guarantee. Customers will receive monetary compensation if the following SLAs are violated by Cisco:

- 99.999 percent uptime
- 99 percent spam catch rate
- No more than 1 in 1 million false-positive rate
- 100 percent known virus catch guarantee



## BENEFITS

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**Maximum Data Protection** With Cisco IronPort Cloud Email Security, your data is fully protected and remains private from start up through physical separation, prohibiting data contamination. The Cisco data center is fully redundant on multiple levels, ensuring that your email infrastructure is highly available.

**Simplified Pricing** This pricing model includes all hardware, software, service and support. Pricing is determined by the number of users in the contract per year.

**Capacity Assurance** Cisco IronPort Cloud Email Security provides a service with the capacity to protect users and maintain peak performance. When spam volumes increase, organizations typically have to purchase new hardware to maintain protection. Cisco alleviates worry from increasing spam volumes, and last minute budgeting for the cost of new hardware. Additional capacity is always included with the simple per-user, per-year pricing model.

### Backed by Cisco Security Intelligence Operations (SIO)

Cisco SIO is a security ecosystem that identifies, analyzes, and defends against threats. It consists of three components:

- Cisco SensorBase: The world's largest threat monitoring network and vulnerability database
- Cisco Threat Operations Center: A global team of security analysts and automated systems that extract actionable intelligence
- Dynamic updates: Real-time updates automatically delivered to Cisco security devices, along with best practice recommendations

## SUMMARY

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Cisco IronPort Cloud Email Security is an industry-leading email security service that offers superior choice. With the most flexible service offerings, it provides customers with a powerful solution to meet their unique needs. Customers maintain control and visibility into their cloud infrastructure, while reducing their on-site footprint with a robust, multi-layer email security solution that resides in Cisco data centers. This out-tasking model gives customers peace of mind, knowing that their organization is protected by email security experts.

## TRY BEFORE YOU BUY

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The best way to understand the benefits of Cisco IronPort Cloud Email Security is to participate in the "Try Before You Buy" evaluation program. For additional information, please visit: [www.ironport.com/try](http://www.ironport.com/try).



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