

# IronMail S-class

“CipherTrust’s IronMail appliance wins our Best Buy for its excellent detection rates and advanced filtering options.”

- SC Magazine

**Anti-Spam and E-mail Security for Small and Medium Sized Businesses.** Based on IronMail®, CipherTrust®’s award-winning e-mail security appliance, the S-class combines the critical components of spam and fraud prevention, virus and worm protection, policy and content compliance, and secure e-mail gateway capabilities into a single platform to protect the e-mail systems of small and medium-sized enterprises.

[ciphertrust.com](http://ciphertrust.com)

## Key Features of the IronMail S-class include:

### Spam Protection

IronMail provides the most effective and accurate spam detection available for small and medium sized enterprises. IronMail integrates a broad range of anti-spam detection techniques into a comprehensive, policy-driven solution. The Spam Profiler feature aggregates detection results to create a unique spam score, ensuring the highest level of accuracy. The user quarantine feature allows end-users to review their personal quarantine queue, ensuring that no legitimate mail has been captured, and relieving administrators of the burden of tracking down messages.

### Evolving Threat Response

IronMail is designed to provide overall protection for e-mail systems by combining innovative adaptive learning technology. IronMail’s highly extensible platform is supported by real time updates and threat responses from CipherTrust’s Threat Response Updates (TRU). Updates include research and technology, distributed networks, Internet traps, and rules, policies and signatures developed by CipherTrust’s e-mail security experts for IronMail units in the field. This allows IronMail to maintain high levels of anti-spam effectiveness and provide threat prevention information for CipherTrust customers as new threats emerge.

### E-mail Security

IronMail is purpose-built to secure e-mail systems, going well beyond simple filtering of e-mail messages. IronMail is a hardened appliance, deployed at the e-mail gateway and designed to protect itself and vulnerable e-mail servers from attack. IronMail’s secure platform acts as an e-mail firewall and intrusion prevention system to detect and block attacks such as buffer overflow, denial of service, hackers, viruses and other costly threats. The heuristics-based Anomaly Detection Engine monitors all e-mail traffic to ensure protection against unknown attacks.

### Easy to Deploy and Manage

The S-class is a simple to install appliance, administered through a secure, browser-based interface that can be configured in minutes. The S-class leverages a genetic algorithm used to automatically tune the detection techniques within the Spam Profiler correlation engine, virtually eliminating the need for administration and tuning and provides the highest degree of effectiveness against e-mail threats. Daily reports give insight into e-mail usage and traffic patterns, compliance with e-mail policy, and anomaly and intrusion monitoring incidents. Updates are available as often as hourly.

## B E N E F I T S

**Reduce costs** by combining e-mail security functionality to a single, easy-to-use appliance.

**Enforce corporate policy** and comply with applicable Federal regulations with multiple encryption options.

**Reduce load** on e-mail systems by controlling all incoming and outgoing mail and presenting a hard face to the Internet.

**Prevent attacks** at the gateway before they reach vulnerable internal mail servers.

**Stay ahead** of the latest e-mail security threats through CipherTrust’s experienced e-mail security research team and Threat Response Updates.

# Key Benefits of the IronMail S-class:

## Anti-spam Detection Technologies

- The Spam Profiler correlates spam detection data and provides a highly accurate spam score
- Statistical Lookup Service applies signatures to identify bulk e-mail via collaborative filtering
- Header Analysis identifies forged headers by applying heuristics
- Heuristic traffic scanning to identify new threats and spam outbreaks

## Policy Enforcement and Content Control

- Policy enforcement engine allows automated, complex actions based on message contents and other key criteria
- Regularly updated dictionaries to address pornography, malicious code, spam and confidential data
- Advanced content filtering capabilities, including header analysis, body analysis, and attachment filtering and analysis

## Quarantine Management

- Block, copy, quarantine, forward, subject rewrite, or strip headers from messages
- User Quarantine allows end-users to review their personal spam queue and release any legitimate mail that has been blocked
- Create targeted rules for individuals, groups or domains

## Easy to Manage

- Plug and protect appliance form factor
- Secure appliance provides a hard face to the Internet and protects the entire e-mail system
- Unified policy enforcement at the gateway addresses all e-mail threats, including viruses, hackers, worms, intruders, spam and libelous content

## Optional Anti-Virus

- Sophos® or McAfee® gateway anti-virus capabilities for a total e-mail security solution



## Administration & Reporting

- IP-based access control lists
- Comprehensive real-time reporting across all functions of e-mail throughput, intrusion detection and policy
- Standards-based design compliance ensures integration with other security and mail tools

## Support & Maintenance

- Easy to use and administer through a secure browser-based interface
- Continuous spam effectiveness and threat reduction through CIPHERTRUST Threat Response Updates
- Next business day hardware replacement service for calls received by 3pm EST
- E-mail support

## About CIPHERTRUST

CIPHERTRUST, Inc. is the leader in messaging security. The company's powerful, award-winning IronMail appliance combines the five critical e-mail security components of spam and fraud prevention, virus and worm protection, policy and content compliance, e-mail privacy, and secure e-mail gateway capabilities into a single easy to deploy and manage platform. IronMail protects the messaging systems of more enterprise e-mail users than any other solution, including 30 percent of the Fortune 100. CIPHERTRUST's investors include Battery Ventures, Greylock, U.S. Venture Partners, Noro-Moseley and Silicon Valley Bank. For more information about CIPHERTRUST, please visit [www.ciphertrust.com](http://www.ciphertrust.com) or call 877.448.8625.