

## Total Email Management Suite Security Service for Email



Iron Mountain's Security Service for Email keeps your email spam and virus-free without requiring additional IT resources to constantly maintain a clean email environment.

### PRODUCT DESCRIPTION

As part of Iron Mountain's Total Email Management Suite, the Security Service for Email automatically inspects more than 350,000 attributes of incoming email messages to eliminate spam, viruses, and unwanted content from your email environment. The Security Service is highly automated, requires minimal administration and is fully integrated with Microsoft® Exchange® and Active Directory.

### BEST-IN-CLASS PROTECTION AGAINST SPAM, VIRUSES, AND UNWANTED CONTENT

Iron Mountain's Security Service for Email automatically inspects more than 350,000 attributes of incoming email messages to eliminate spam, viruses, and unwanted content from your email environment. As the only managed service to leverage ProofPoint's best-in-class MLX technology, the Security Service is able to provide the highest rate of spam and virus elimination with the fewest false positives.

Unlike other email security managed services, the Security Service is fully integrated with Microsoft Exchange, Outlook®, and Active Directory. It's the only managed service to leverage real-time directory synchronization to fully automate user management, to automatically add personal contacts to safe lists, and to ensure that invalid addresses are blocked at the perimeter. Unlike other managed services, Iron Mountain's Security Service allows users to manage safe/block lists directly from Microsoft Outlook.

### BUILT UPON THE MOST POWERFUL MULTI-LEVEL SPAM AND VIRUS ENGINES

Iron Mountain's Security Service for Email is built upon the most sophisticated analysis engine available today. The Security Service uses ProofPoint's best-in-class MLX engine to inspect every conceivable attribute of incoming messages including IP addresses, message envelope headers and message structure — as well as unstructured content in the body of messages. The

large number of attributes analyzed by the MLX Anti-Spam Engine ensures that messages are classified with a high degree of confidence. These attribute-extraction layers include:

**Connection Level** – The Security Service provides a stateful first line of defense against spam by testing numerous connection-level data points including DNS, MX record verification and MLX Dynamic Reputation™ information. The service also defends against directory harvest and denial of service attacks.

**Contextual Analysis** – The Security Service examines the context of the message, using structural tests, English and foreign language inspection, pornography detection, URL inspection, targeted rules for detecting “phishing” attacks and a corporate lexicon adapter to customize the solution to your industry. Unlike other solutions, the Security Service is able to parse and identify the latest animated-GIF and graphic-based spam.



**End User Configuration** – The Security Service checks personal safe and blocked lists for valid and invalid senders.

For virus protection, the Security Service uses multiple virus engines including the industry-leading F-Secure® engine to efficiently scan messages and attachments for potentially malicious code. Because virus protection is fully integrated into the service, each message is

opened just once and virus scanning is performed in parallel with other forms of message analysis.

To ensure total protection, Iron Mountain's Security Service for Email fully automates analysis engine configuration, user management, and administration. For example, the service automatically synchronizes directory information and personal contact lists from major email systems to ensure that safe lists include an accurate list of email addresses and aliases.

### BENEFITS

The Iron Mountain Security Service for Email provides best in class spam and virus filtering, with the quality, support, and ease of adoption you've come to expect from Iron Mountain. When combined with other modules of the Total Email Management Suite – the Continuity Service and the Active Archiving Service for Email – the service provides the most comprehensive and cost-effective solution for email continuity, recovery, archiving, storage management, e-discovery, and security.

#### The Security Service provides the following capabilities:

**Complete Spam Protection** – Iron Mountain's Security Service for Email uses ProofPoint's best-in-class MLX engine to inspect more than 350,000 attributes of incoming email messages. The engine automatically evolves with spamming techniques and new virus signatures to help accurately predict and stop never-before-seen attacks.

**Multi-level Virus Protection** – The Security Service uses multiple virus engines including the industry-leading F-Secure engine to efficiently scan messages and attachments for potentially malicious code.

**Directory Awareness** – The Security Service is the only managed service that is fully integrated with the enterprise directory, allowing it to block false addresses at the perimeter and automatically add personal contacts to individual safe lists.

**Intuitive Outlook Integration** – The Security Service makes it easy for end users to manage safe/block lists and their quarantine directly in Outlook. There is no need for users to access another system, remember a new username or password, or learn to use a new application.

**Single End User Digest and Intelligent Quarantine** – The Security Service automatically synchronizes directory information from major email systems to ensure that safe/block lists include an accurate list of email addresses and aliases and those users receive a single intelligent digest and quarantine, no matter how many email aliases and addresses they may use.

**Low TCO** – The Security Service is a fully managed service, delivered from a global network of redundant Tier 4 / SAS 70 data centers, and can be deployed in as little as an hour. It is designed for automated maintenance, user synchronization, virus signature management, and spam engine management to ensure quick response to new threats while minimizing administrative overhead and the potential for configuration errors.

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