

It is possible, and even likely, that 50 percent of your company's incoming email is spam. Think about what that is costing you. **Geoff Marshall**

**M**ail security involves all aspects of security concerns that arise out of sending and receiving emails via the Internet. It encompasses anti-virus, anti-spam, and other forms of content analysis. It involves protecting your own email

servers against misuse, like being used as open relays by spammers, or forging messages that appear to come from your domain. Other desirable features include enforcing attachments of legal disclaimers to all outgoing mail, and ensuring

company policies are observed. It could include email encryption, secure delivery, and sender verification, but we have chosen to leave out products totally focused on encryption and look at general-purpose mail security products.

## IronMail 305

<b>Version</b>	4.0
<b>Supplier</b>	CipherTrust Inc
<b>Price</b>	\$17,250 (+ \$12,000 for anti-spam, + \$5,000 for webmail protection + a variable charge for anti-virus)
<b>Contact</b>	www.ciphertrust.com



**SC MAGAZINE BEST BUY** CipherTrust IronMail is a hardware appliance that offers anti-spam and email security. It provides secure delivery, basic certificate management, comprehensive policy management, and alerts you to suspicious behavior.

The base product has a secure platform, policy management and enforcement, and content filtering. Anti-spam is an extra-cost option, and includes an Anomaly Detection Engine (ADE), whitelisting, and Enterprise Spam Profiler (ESP).

The ESP has many features, including blacklists, reverse-DNS, system-defined header analysis and spam traps. Webmail protection and AV are additional options.

IronMail is a rack-mountable appliance running a version of its own operating system, IronOS, on

an Intel-based PC which, on the model 305 tested, is actually an IBM x-Series server with a 2.4GHz processor, 1Gb RAM, dual-mirrored hard drives and two Ethernet ports. Installation and initial setup is easy using the web-based configuration and administration console. Optimal configuration takes a bit longer due to this appliance's flexibility.

Anti-spam is based on a statistical lookup service, which lets the device check a database of spam signatures in realtime at CipherTrust's office. Bayesian filtering can also be trained in realtime using end-user actions in releasing quarantined mail and by end-users forwarding spam to a special account. Anti-spam features include reverse DNS, realtime blackhole lists (RBLs),

header analysis and dictionary-based filtering. Custom dictionaries let you protect private information.

Secure delivery uses a choice of S/MIME, PGP, TLS, or secure web delivery to encrypt emails with only a web browser that supports SSL at the remote client. There are features to manage PGP keys and PKI certificates. Reporting is good, and shows realtime IronMail activity in graphs, including corporate-policy compliance.

### SC MAGAZINE RATING

Features	★★★★★
Ease of use	★★★★☆
Performance	★★★★★
Documentation	★★★★★
Support	★★★★☆
Value for money	★★★★★
<b>OVERALL RATING</b>	<b>★★★★★</b>

**FOR** Bayesian anti-spam filter training in realtime.  
**AGAINST** Relatively complex to set up due to its comprehensive features.  
**VERDICT** Provides excellent and comprehensive mail security features aimed at medium-to-large companies.



Best Buy is awarded to CipherTrust IronMail 305 for its turnkey appliance solution that provides a more comprehensive range of email security tools than any other product in this group test.

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