

Optimal Email Security

Flexible deployment options for protecting email



Key Advantages

McAfee email security solutions provide:

- More than 99 percent spam detection accuracy¹
- Phishing, directory harvest, and denial-of-service attack protection
- Protection for email-borne malware (viruses, worms, and Trojans)
- McAfee® TrustedSource™ global reputation intelligence
- Data loss prevention to secure sensitive data

As email has grown in importance as a communication medium for business, the threats to corporate email environments have also grown. Originally, more of a nuisance than a threat, spam now accounts for as much as 90 percent of all email traffic with billions of spam messages sent every day. Many of these messages carry malware or contain links to malware sites and use social engineering techniques to entice users to click through. Email is also a vector for outbound data loss. Malicious or accidental data loss can be damaging, with enormous consequences for organizations. Protecting email systems and the data they transmit is an important part of an overall security strategy. Companies are looking for solutions that can help them balance the need for security with the cost of acquiring and managing the solution. McAfee provides flexible deployment options for email security that help organizations choose the optimal solution.

Just as the threats have grown, so have the costs associated with those threats. Unwanted email consumes bandwidth. Deleting unwanted email from inboxes reduces productivity. Successful malware outbreaks can cause downtime, lost productivity, and data loss. Cleaning up and restoring systems after a malware outbreak can also have significant costs.

Email security solutions themselves come with a price—there are costs associated with appliance management, data centers, hardware, licensing, and ongoing support. Complying with regulations that require email security and data loss protection also adds to the price tag. Existing multivendor solutions and older-generation solutions are not optimized to address both security and compliance. Not only can they be more expensive to manage, they may also allow more unwanted email and malware into the network and fail to provide adequate data loss prevention.

Industry-Leading Email Security Solutions from McAfee

McAfee is a leader in the email security market, delivering flexible solutions to meet the needs of most any organization.

Each McAfee solution, whether Security-as-a-Service, on-premises appliances or hybrid, delivers industry-leading anti-spam, anti-malware, and reputation intelligence. Let's take a look at how these solutions are uniquely positioned to fill individual needs.

Priority	Ideal Solution
Reducing management costs	SaaS
Stopping spam before it hits the network	SaaS
Controlling data loss at the gateway	On-premises appliance
Encrypting sensitive data	On-premises appliance
Stopping spam before it hits the network and controlling data leakage at the gateway	Hybrid

“The hybrid approach offers the cost savings and management ease of a cloud-based solution that reduces unwanted email before it hits the corporate gateway. It allows for custom policies, data loss prevention, and integrated encryption capabilities that are best provided by an on-premises appliance.”

–Brian Burke, IDC

“More than 90 percent of all email traffic is unwanted mail.”

–McAfee Labs™

Secure Email in the Cloud: McAfee SaaS Email Protection Service

McAfee SaaS Email Protection service prevents inbound and outbound email threats from impacting your network and end users. This SaaS service is always up to date and requires no additional investment in hardware or software nor the time and resources to configure or maintain it. Because the service stops spam and email-based threats before they infiltrate your network, the amount of email entering your network is greatly reduced, saving you valuable bandwidth and server storage. Web-based administration simplifies management, frees up your valuable IT resources, and lowers your total cost of ownership.

Appliance-Based Email Security: McAfee Email Gateway Appliance and McAfee Email and Web Security Appliance

Designed for enterprises with more than 1,000 users, the McAfee Email Gateway appliance delivers total email protection, integrating comprehensive inbound threat protection with outbound data loss prevention, policy-enforced encryption, robust reporting, and administrative empowerment. It provides enterprise-class features and flexibility to increase messaging security while reducing the costs associated with spam, bandwidth consumption, malware cleanup, and data loss.

Designed for enterprises with less than 1,000 users, McAfee Email and Web Security Appliance is a single, integrated appliance that defends businesses against the two most common sources of security threats—email and the web. Much more than a spam filter, McAfee Email and Web Security Appliance combines world-class email protection with content scanning, policy-based usage, and integrated web security. McAfee Email and Web Security Appliance leverages McAfee Global Threat Intelligence services to deliver the latest, proactive defense against both known and unknown threats.

Combining Strengths: Hybrid Delivery

Partnering SaaS with the McAfee Email Gateway appliance or McAfee Email and Web Security Appliance solution on premises delivers the strength of both solutions. The hybrid solution leverages a multilayered strategy to successfully keep malicious messages out of the network. The solution uses McAfee SaaS Email Protection service to filter spam in the cloud, and on-premises appliances to provide flexible policy creation and additional spam reduction with zero false positives. The on-premises appliances also provide data loss prevention capabilities, including automatic policy enforcement and automated encryption, to protect against data loss via email.

Another hybrid delivery option is to use on-premises appliances for email filtering and protection and McAfee SaaS Email Archiving service to store email data in the cloud. This approach helps simplify email retention to address corporate policy and satisfy regulatory compliance requirements.

Determine the Optimal Email Security Solution for Your Business

Not having an email security solution is not an option. Most businesses currently have a solution of some sort in place. Examine how your current solution is performing. Does it meet your needs? Consider your email security priorities. Are they being addressed? McAfee can help you find the optimal email security solution for your business.

For assistance finding your optimal email security solution or obtaining an evaluation, contact your McAfee representative or visit www.mcafee.com.

