



Protect what you value.

# McAfee Anti-Spam

## Keep Threats Off Your Network

Spam diminishes network bandwidth, clogs your email servers and desktops, and distracts users from their work. But more than just a nuisance, it's a threat to your security. Password harvesting and phishing expose your users and network to theft of sensitive information and fraud. McAfee® Anti-Spam is a feature that is available in a variety of products—appliances, software, and hosted services. Tested by third-party labs, McAfee Anti-Spam has been shown to stop 98 percent of spam with no false positives.

## Key Anti-Spam Technologies

McAfee Anti-Spam utilizes multi-dimensional analysis that includes the following technologies:

- IP reputation filtering blocks messages from malicious computers that have recently launched high-volume email attacks. This first line of defense saves bandwidth and conserves resources. McAfee dynamically updates its database several times per minute to ensure accurate blocking. Unlike with other IP reputation systems, senders cannot self-certify their “good” reputation in an attempt to evade this layer of defense
- Domain-name reputation filtering identifies spam based on the underlying servers that spammers use to host their web sites. McAfee proactively tracks spammers and places the domains they are using on a watch list. New spam campaigns launched from these domains are instantly stopped
- Image detection identifies and blocks the latest types of image-based spam that embed JPEG or GIF images. McAfee analyzes multiple internal image properties to ensure that only spam images are blocked and that legitimate images pass unfettered
- Integrity analysis examines the header, layout, and organization of each email message and identifies spam characteristics

- Heuristic detection provides protection against first-time spam that does not contain any URLs, as well as phishing messages
- Bayesian filtering intelligently assesses your email messages for spam and non-spam based on criteria specific to your business
- Content filtering blocks messages containing known spam signatures, such as a URL to a spammer's web site
- Sender authentication identifies and rejects forged email addresses using the Sender Policy Framework (SPF) and Domain-Keys Identified Mail (DKIM) standards
- Greylisting tracks and allows mail from known legitimate senders to pass while temporarily rejecting unknown senders. Spam is stopped since spammers rarely resend, while legitimate mail will automatically retry and be allowed through
- Blacklists and whitelists let your administrator and users ensure that important messages will not be blocked

## Quarantined Email

A spam solution must do more than just block spam; it should provide a rich set of management tools. Your users receive daily digests of quarantined messages and can release messages that might have been inappropriately blocked. You can choose to store quarantined messages on the McAfee appliance, or on your own server running McAfee Quarantine Manager. McAfee Quarantine Manager provides easy, centralized management of spam and other forms of quarantined email, which is particularly useful when using multiple McAfee appliances. Users can access the centralized quarantine via a web browser to search for messages and manage their whitelists and blacklists. Also, a Microsoft® Outlook plug-in allows users to configure their own whitelists and blacklists.

## Enterprise-Scalable Management

McAfee Anti-Spam can be managed by McAfee ePolicy Orchestrator® (ePO™), the industry-leading, centralized single console that manages security and enforces protection. Comprehensive, graphical reports from ePO keep you informed of your security posture. McAfee ePO lets you centrally manage anti-virus, anti-spyware, anti-spam, anti-phishing, and web filtering solutions for gateway devices, email servers, and desktop systems.

## Ceaseless 24/7 Research

McAfee Avert® Labs provides around-the-clock analysis and protection to combat the latest spam attacks as they are launched. Fighting spam is a game of cat-and-mouse, and it required expertise, resources, and a rapid response to be truly effective. McAfee has the unique ability to provide the industry's most comprehensive security protection, and you can be sure that as new spam emerges, McAfee will be there to stop it.



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McAfee, Inc.  
3965 Freedom Circle,  
Santa Clara, CA 95054,  
888.847.8766  
[www.mcafee.com](http://www.mcafee.com)

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