

McAfee Active Mail Protection

McAfee® Active Mail Protection provides a multi-layered approach to the defense against mail-borne threats, with comprehensive virus protection, spam detection, and content filtering. According to a Network Associates® commissioned survey, 90 percent of companies agreed that spam makes their companies more vulnerable to security threats. Because of this growing concern, 97 percent of companies believe that anti-spam technology should be part of their overall corporate security plan. Spam continues to proliferate at an alarming speed, and spamming techniques are being incorporated into malicious code, as seen in Sobig and MyDoom.

Active Mail Protection includes the award-winning McAfee GroupShield® for Microsoft® Exchange and Lotus Domino, the industry-recognized McAfee SpamKiller® powered by McAfee SpamAssassin™, and scalable policy management and graphical reporting through the McAfee ePolicy Orchestrator® (ePO™) console. McAfee Active Mail Protection is the world's most comprehensive mail protection solution.

Eradicate Viruses from Mail

No mail system is secure unless it is free from viruses, worms, Trojans, and other malicious code. McAfee Active Mail Protection offers proactive protection by scanning all incoming and outbound e-mail messages for malicious code before they are written to message stores. This proactive approach also makes use of advanced heuristic techniques to help protect—in advance—against new threats.

Active Mail Protection offers leading mail anti-virus and content filtering solutions for Microsoft Exchange and Lotus Domino. Using breakthrough technology such as Outbreak Manager, GroupShield aggressively searches for suspicious e-mail behavioral patterns that could indicate a new virus. Outbreak response can be defined by the administrator to be automatic, prompting essential outbreak prevention tasks like initiating emergency DAT updates, blocking specific file types, and more.

Stop Spam

Spam clogs e-mail servers and wastes employee time. Unwanted e-mail is estimated to have cost US corporations \$10 billion in 2003, and a recent study by the European Commission shows us that spam e-mail costs European Internet users £10 billion per year.

McAfee SpamKiller applies an extensive set of rules to each e-mail, scoring each on the basis of characteristics that are indicative of spam messages. There are five levels of spam detection:

- **Integrity Analysis**—The header, layout, and organization of each e-mail message is examined to identify the common characteristics of spam
- **Heuristic Detection**—Using a series of internal tests, McAfee SpamKiller determines the likelihood that a message might be spam and each test carries a score to help reduce false-positives
- **Content Filtering**—Key words or phrases can be entered that might appear in e-mail indicating that the message is spam
- **Blacklists and Whitelists**—Blacklists are lists of known senders of spam e-mail, and whitelists are known senders of e-mail that may be classified as spam but is information that you want to receive
- **Self-Tuning**—McAfee SpamKiller is able to use information about characteristics in received e-mail to adjust the “overall spam rating” for new messages sent by a known sender, reducing false-positive identification

Prevent Inappropriate or Abusive E-Mail

Sending e-mail is the same as using corporate letterhead. Inappropriate or abusive e-mail content—racist, sexist, hateful, or otherwise offensive themes—can result in legal liability for companies of all sizes.

Leakage of confidential corporate information—intellectual property or even word of potential mergers and acquisitions—can have a considerable economic impact on companies of all sizes. McAfee Active Mail Protection offers a variety of content filtering tools to help prevent unwanted e-mail from being sent, circulated, or entering your network. It can scan over 300 e-mail attachment types, including popular file types such as Adobe Acrobat and Microsoft Office, alerting administrators if mail or attachments contain sensitive or offensive information. True file attachment type identifications prevent common rule evasion techniques, while pre-defined content management rules guide lexical scanning of e-mail and attachment content. False positive identification is kept to a minimum by using techniques that look for criteria like word context usage.

Management and Visibility

GroupShield and McAfee SpamKiller integration with ePolicy Orchestrator offer organizations the ability to maximize their security management investment and lower total cost of ownership. One single console manages everything, helping to implement centralized policy and monitor effectiveness with Web-based graphical reporting.

ePO enables administrators to remotely install McAfee Active Mail Protection to multiple locations and keeps the virus definitions and spam rules automatically up-to-date.

System Requirements

McAfee SpamKiller for Microsoft Exchange

- Mail Platform: Microsoft Exchange 2000, 2003 Server, or Advanced Server
- Operating System: Microsoft Windows® 2000 or 2003
- Mailbox Limit: None
- Disk Space: 200MB free disk space or greater
- Memory: 512MB memory or greater
- Processor: 400MHz Pentium II or faster

McAfee SpamKiller for Lotus Domino

- Mail Platform: Lotus Domino 5 and above
- Operating System: Microsoft Windows
- Mailbox Limit: None
- Disk Space: 700MB free disk space or greater
- Memory: 512MB and 139MB paging space
- Processor: 400MHz Pentium II or faster

GroupShield for Microsoft Exchange

- Mail Platform: Microsoft Exchange 5.5 2000, 2003 Server
- Operating System: Microsoft Exchange 5.5 Server
Microsoft Windows NT4.0 with SP3+
Microsoft Exchange 2000
Microsoft Windows 2000 Server, with SP3+
Microsoft Exchange 2003
Microsoft Windows 2000 Server, with Service Pack 3
Microsoft Windows 2000 Advanced Server, with Service Pack 3
Microsoft Windows Server 2003 Standard Edition (32-bit)
Microsoft Windows Server 2003 Enterprise Edition (32-bit)
- Memory: 256MB
- Processor: 133MHz Intel Pentium or faster

GroupShield for Lotus Domino

- Mail Platform: Lotus Domino 5 and above
- Operating System: Microsoft Windows NT 4.0 SP4+ or Windows 2000 Server SP1+
IBM AIX v4.3.3 or v5.1
- Disk Space: 700MB for Lotus Domino 5 or 1GB for Lotus Domino 6.0+
- Memory: 128MB
IBM AIX system specification or later
- Processor: Pentium 200MHz or faster
IBM AIX system specification or later

McAfee Security 3965 Freedom Circle, Santa Clara, CA 95054, 888.VIRUSNO (888.847.8766), www.mcafeesecurity.com

Network Associates® products denote years of experience and commitment to customer satisfaction. The PrimeSupport® team of responsive, highly skilled support technicians provides tailored solutions, delivering detailed technical assistance in managing the success of mission critical projects—all with service levels to meet the needs of every customer organization. McAfee® Research, a world leader in information systems and security, continues to spearhead innovation in the development and refinement of all our technologies.

Network Associates, McAfee, ePolicy Orchestrator, ePO, GroupShield, SpamKiller, powered by SpamAssassin, and PrimeSupport are registered trademarks or trademarks of Network Associates, Inc. and/or its affiliates in the US and/or other countries. Sniffer® brand products are made only by Network Associates, Inc. All other registered and unregistered trademarks herein are the sole property of their respective owners. ©2004 Networks Associates Technology, Inc. All Rights Reserved. 1-sps-amp-001-0204