



McAfee Secure Messaging Gateway (SMG) Appliance

Secure Content Management Solutions

The Enterprise Business Challenge

Your messaging system is your business lifeline. It is bombarded every day by spam, viruses, worms, directory harvest, and phishing attacks. Deploying anything less than an expert security solution can be a costly mistake. The average impact of a virus outbreak is 23 hours of server downtime and \$130,000 for cleanup and recovery (source: ICSA 2004 VirusPrevalence Survey).

The paradox is obvious: you need “rock-solid” messaging security, but you have a limited amount of time and resources to solve the problem. You need a quality solution from a vendor you can trust.

The McAfee Messaging Security Solution

The McAfee® Secure Messaging Gateway is the industry’s leading e-mail security solution that delivers protection against spam, inappropriate content, phishing, worms, and known viruses on a single appliance. This dedicated appliance provides enterprise-class performance to meet the most demanding messaging security requirements. A single, unified management console (McAfee ePolicy Orchestrator®) is included for centralized management of all McAfee security products from the desktop to the gateway, helping to lower your total cost of ownership.

McAfee SMG is a member of the McAfee Secure Content Management™ family of appliances that also includes a specialized Web security appliance, Secure Web Gateway (SWG), and a fully integrated Web and e-mail security appliance designed for small- and medium-sized businesses, Secure Internet Gateway (SIG).

Business benefits—enterprise protection

Enhanced anti-spam and anti-phishing

McAfee SMG includes a built-in anti-spam module (licensed separately) that utilizes multiple highly sophisticated techniques to detect and block spam and phishing attacks. Advances in McAfee technology and processes deliver streaming updates every 10 minutes to ensure at least 95 percent effectiveness. Spam-blocking technologies include:

→ **Integrity analysis**—examines the header, layout, and organization of each e-mail message

→ **Heuristic rules**—a series of internal tests that examine both message content and other characteristics

→ **Content filtering**—key words and phrases that often appear in spam

→ **Blacklist and whitelist support**—administrator-defined blacklists block domains that administrators know to be senders of spam, while administrator-defined whitelists always allow e-mail from administrator-specified domains

→ **DNS blacklist support**—DNS-based black hole lists identifies known senders of spam

→ **Bayesian filtering**—includes a pre-taught database of Bayesian filters, as well as proactive technology to automatically learn what types of messages should be classed as spam and non-spam in your organization

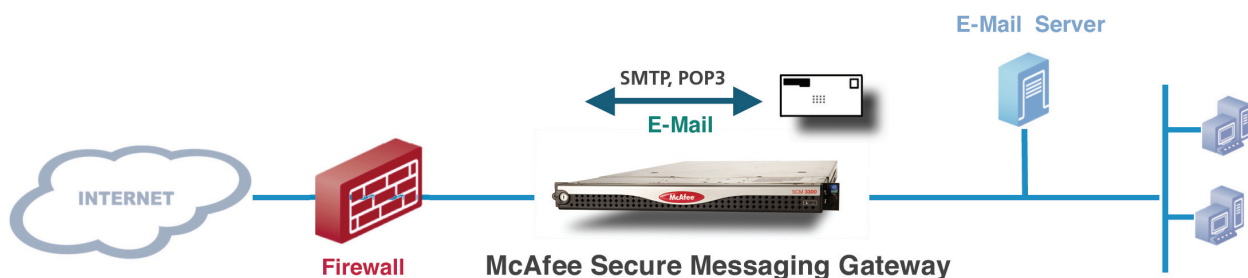
Additional enterprise-class features include daily spam digests, end-user quarantine, end-user blacklists and whitelists, and multiple reporting options.

Anti-virus

McAfee SMG is based on the same anti-virus technology as our award-winning desktop product. The heart of McAfee anti-virus protection is an engine that blocks both known *and unknown* viruses. This protects you against zero-day attacks and new virus threats. McAfee SMG scans all inbound and outbound messaging traffic that use SMTP and POP3 protocols.

Advanced e-mail content filtering

What if you could protect against inappropriate content coming into your network, as well as guard against sensitive information leaving the network, such as trade secrets, financial data, or the like? McAfee SMG’s built-in e-mail content filtering can do both. With lexical scanning of e-mails and more than 300 types of attachments, McAfee SMG can block or modify messages that contain specific words or phrases that violate a content rule.





Policy management and LDAP support

Different groups in your organization may have different needs. Payroll may have different needs from manufacturing. McAfee SMG lets you configure different security policies to meet the needs of these different groups. And to make it easy, McAfee SMG security policies can use your existing LDAP directory.

Directory harvest attacks

McAfee SMG thwarts directory harvest attacks and other forms of abuse targeted at your messaging system.

Comprehensive, scalable management

McAfee SMG includes a built-in browser-based management system as well as McAfee's ePolicy Orchestrator (ePO™). ePO allows you to centrally manage gateway devices, as well as desktop systems for all of your key security measures, such as anti-virus, anti-spyware, anti-spam, anti-phishing, and Web filtering solutions. Central management makes administration fast and easy and lowers your cost of ownership.

Market-leading performance

McAfee SMG provides the superior performance you need with a price you can afford. The 3300 appliance scans SMTP traffic at 210,000 messages per hour with anti-virus configured. By the use of built-in load sharing you can take advantage of multiple appliances when greater performance is required. If your organization is smaller (under 1,000 employees), consider using McAfee Secure Internet Gateway, which is optimized for small- and medium-sized businesses.

Backed by the world's largest dedicated security company

McAfee continuously and automatically updates McAfee SMG in order to keep your network safe from the latest threats. Our unmatched security expertise, focus on manageability, and ability to successfully prevent attacks are the reasons why McAfee is the proven security solution of choice for businesses around the world.

Protected by McAfee AVERT

McAfee AVERT™ Labs is one of the world's top-ranked security research organizations, employing researchers in 13 countries on five continents. AVERT combines world-class malicious code and anti-virus research with intrusion prevention and vulnerability research expertise. AVERT protects customers by providing cures that are developed through the combined efforts of AVERT researchers and AVERT AutoImmune technology, which applies advanced heuristics, generic detection, and ActiveDAT technology to generate cures for previously undiscovered viruses.

McAfee Technical Support

The Internet gateway is a critical point in your network. You want to choose a reliable product and a trustworthy company to stand behind it. McAfee SMG gives you both.

McAfee Gold Support gives you rapid access to our experienced and highly skilled IT security support staff around-the-clock. Along with access to McAfee's award-winning ServicePortal, and unlimited downloading of product updates and upgrades, you receive 24/7/365 access to McAfee's security-certified technicians via phone and chat. The first year of Gold Support is included with the purchase of software licenses.

McAfee Platinum Support is for customers who require personalized 24/7 proactive support from an assigned certified Technical Account Manager (TAM). Your Platinum TAM will be familiar with your McAfee deployment and support history, and will proactively contact you as needed to optimize your product performance and maximize your business uptime.

In addition, we offer same-day and next-day hardware support in most regions of the world.

Hardware	3300 Appliance <ul style="list-style-type: none"> • 1U server • Dual 73 GB hard drive RAID 1 • 4 GB memory • Dual Xeon 2.8 Ghz 	<ul style="list-style-type: none"> • Designed for large enterprises • 210,000 messages per hour • Two 10/100.1000 Ethernet ports • Two BASE SX fiber ports • Dual power supplies • Remote (out-of-band) administration
Hardware service options	Onsite—same business day Onsite—next business day	<ul style="list-style-type: none"> • Premium service • Basic service
Required software	Secure Messaging Gateway	<ul style="list-style-type: none"> • Anti-virus for e-mail (SMTP, POP3) • Unified management with ePolicy Orchestrator • E-mail content filtering
Optional software	Anti-spam module	<ul style="list-style-type: none"> • Increase employee productivity • Reduce strain on messaging system • Block dangerous phishing e-mails
Technical support options	Gold Support Platinum Support	<ul style="list-style-type: none"> • 24/7/365 phone and chat • One year included with initial license purchase • 24/7/365 phone and chat • Assigned TAM