

McAfee SecurityShield for Microsoft ISA Server

Anti-Virus Protection, Outbreak Management, Spam Filtering, and Content Scanning Exclusively for Microsoft ISA Server 2000 and 2004

In today's multi-faceted networking environments, it is essential to ensure that content entering and leaving the organization meets company security policies and privacy regulations. McAfee® Secure Content Management Solutions deliver integrated, flexible technology, allowing businesses of all sizes to optimize resources, increase productivity, and prevent security policy compromises. With best-of-breed anti-virus, anti-spam, and secure content technologies, McAfee Secure Content Management Solutions enable you to control, manage, and understand your Internet traffic.

Many businesses see their bandwidth taking a hit, especially during peak hours, but do they really know the root cause of the slowdown? Is it inappropriate inbound e-mail, advertising pharmaceuticals and pornography? Is it the guy in accounting who likes to forward jokes—occasionally sexually explicit jokes—to friends and co-workers? What businesses need is a way to keep track of the information that passes through their servers. For businesses running Microsoft® ISA Server, the answer is McAfee SecurityShield.™

With unmatched anti-virus, anti-spam, and content filtering functionality and performance, McAfee SecurityShield is unequalled at protecting Microsoft ISA Server 2000 and 2004.

Multi-Protocol Support

With default support for SMTP, HTTP, and FTP, protection for the key Web and Internet e-mail traffic protocols is ensured. Filter traffic coming into and out of the company, or in companies using Microsoft ISA Server internally, between company departments or areas.

Best-of-Breed Anti-Virus Filtering

With McAfee SecurityShield, you get the best in anti-virus technology, best-of-breed McAfee anti-virus filtering. SecurityShield can automatically repair, block, or quarantine infected traffic, preventing malicious code from entering or leaving the organization via SMTP, HTTP, and FTP.

Stop Attacks in Their Tracks with Outbreak Manager

Outbreak Manager proactively looks for suspicious e-mail behavioral patterns which could be indicative of a new virus outbreak and implements a 24/7 automatic response to the outbreak situation as defined by the administrator. Outbreak Manager performs essential outbreak prevention tasks such as initiating emergency DAT file updates, increasing scan settings, forcing heuristic analysis, blocking specific file types, and more.

Advanced Content Filtering

McAfee SecurityShield offers lexical scanning of more than 300 e-mail attachment types, based on content management rules, including Adobe Acrobat and Microsoft Office formats. Fine-tune the preset rules with custom rule sets for even greater filtering capability.

With McAfee SecurityShield, administrators can be alerted when e-mail or attachments contain sensitive or offensive information that might put the company at risk. True file attachment type identifications prevent common rule evasion.

In addition, McAfee SecurityShield provides preset content-filtering rules to prevent inappropriate, offensive, or hateful content, such as profanity, sexism, and racism. The preset rules enable quick and easy setup of content rules, and administrators can fine-tune the preset rules with their own custom rule sets for greater customization.

McAfee SpamKiller for SecurityShield

Short of disconnecting from the Internet completely, how is it possible to defend against the influx of spam that eats into bandwidth and stuffs mailboxes to overflowing? For organizations that want the best defense against spam, there is McAfee SpamKiller® for SecurityShield.

McAfee SpamKiller scores e-mails based on a series of internal tests, giving extremely accurate detection right out of the box. It offers five levels of spam protection:

- **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; 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. In addition to the administrator-defined blacklists and whitelists, users are able to set personal blacklists and whitelists for greater customization and accuracy

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- **Bayesian Filtering**—With Bayesian filtering technology, the McAfee SpamKiller solution is able to teach itself what is and isn't spam for a particular organization, truly *intelligent* spam detection

The SecurityShield software includes a free thirty-day trial of McAfee SpamKiller for SecurityShield. A full license of McAfee SpamKiller for SecurityShield is available as an upgrade to the basic McAfee SecurityShield license.

Policy-Based Control with eXtended Policy Support

SecurityShield provides organizations with policy controls for virus protection, content, and spam-filtering rules. Providing administrators the ability to set specific filtering rules for individuals or groups of users across multiple scan types to ensure greater scanning and configuration flexibility.

When defining rules and specifying groups of people, SecurityShield provides access to Microsoft Active Directory, allowing customers to utilize existing directories of users.

Centralized Management with ePolicy Orchestrator

One centralized management console can do it all—ePolicy Orchestrator.[®] With this management tool, administrators can generate detailed graphical reports to enable administrators to monitor the effectiveness of their SecurityShield protection, while simultaneously gathering a bird's-eye view of all other McAfee solutions.

Integrating SecurityShield with ePolicy Orchestrator offers organizations the opportunity to maximize their security management investment with a lower total cost of ownership. And deployment is a snap—with just one management console, administrators can manage remote deployments to large enterprise environments from a single, central location.

Anti-Phishing

SpamKiller includes specific rules that help to identify *phishing* attacks by looking for certain phishing-specific characteristics that can be present in e-mail. Once triggered, these rules are automatically assigned an overall spam rating by SpamKiller, which results, in most cases, with the messages being blocked. Together with the Anti-Phishing Working Group (APWG), McAfee has compiled a thorough database of phishing attacks and uses the knowledge from these attacks to create effective filtering rules.

Up-to-Date Protection

Virus protection is only as good as its last update. SecurityShield automatically updates spam rules, virus definitions, and engines to play a comprehensive role in the security strategy of the business.

McAfee SecurityShield Licensing

McAfee SecurityShield can be purchased as a Perpetual Plus License from approved McAfee partners. Each SecurityShield license includes a free thirty-day trial copy of McAfee SpamKiller for SecurityShield, for added protection against the inflow of spam.

System Requirements

McAfee SecurityShield

- Platform: Microsoft ISA Server 2000 and 2004
- Operating System: Microsoft Windows[®] 2000 or 2003
- Disk Space: 600MB of hard disk space or higher
- Memory: 512MB RAM and 768MB of paging space
- Processor: 566MHz Pentium II or higher

McAfee PrimeSupport

McAfee has pursued a strategy of providing best-of-breed technology for each type of security and performance management application—but the Protection-in-Depth[™] Strategy is more than just deploying and implementing best-of-breed solutions today. Prevention is certainly our first priority, but inevitably, you will have to react to a problem.

The McAfee PrimeSupport[®] program is essential for making the most of your investment in McAfee System and Network Protection Solutions. McAfee's PrimeSupport team has all the right resources and is ready to deliver your needed service solution. PrimeSupport resources include: delivering authorization to access all available maintenance releases and product upgrades, access to a comprehensive suite of additional online self-support capabilities, live telephone support accessible 24/7/365, available assigned support account managers, and a range of software and hardware support solutions that can be tailored to meet your needs.

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McAfee[®] products denote years of experience and commitment to customer satisfaction. The McAfee 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 research, continues to spearhead innovation in the development and refinement of all our technologies.

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