

Microsoft® Antigen Spam Manager

Server-level Anti-spam Protection

Microsoft® Antigen Spam Manager helps businesses eliminate spam and other undesirable message traffic on gateway and Exchange servers.

Evolving Threats

Spam is a growing security concern for many organizations – according to analyst groups, 75%-85% of all e-mail messages are spam. In addition to the annoyance and productivity loss generally associated with spam activity, new phishing attacks and blended threats are increasing the danger that spam poses to organizations. Spammers constantly alter their tactics to avoid detection. Anti-spam technologies use different methods to keep pace with these ever-evolving threats, most of which claim 90%+ catch rates. However, even with a 90% catch rate, an organization that receives 1 million spam messages a day will still absorb the impact of 100,000 spam messages. To improve detection, organizations must combine the strengths of multiple, complimentary technologies to uncover the latest spammer tactics.

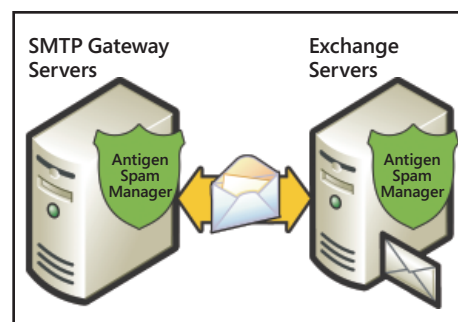
Anti-spam Protection with Antigen Spam Manager

Antigen Spam Manager from Microsoft® uses multiple techniques to help stop spam before it can impact user productivity. By combining several layers of scanning and content filtering in a single solution,

customers gain maximum control over spam and other undesirable message traffic in their environment. Antigen Spam Manager can provide stand-alone protection or integrate with Antigen® antivirus products for complete e-mail security.

Protect Against the Latest Threats

To address the latest spammer tactics, Antigen Spam Manager combines multiple spam fighting techniques. Antigen Spam Manager employs a frequently updated, signature-based anti-spam engine and several layers of content and mail-host filtering to provide comprehensive protection at Windows® SMTP gateway and routing servers and Exchange front-end and back-end mail servers. Antigen Spam Manager also integrates with the Exchange Server 2003 Intelligent Message Filter (IMF) heuristics-based spam engine to provide an additional layer of protection.



Ensures Availability and Control

Antigen Spam Manager reduces demands on server workload and disk space by preventing spam from reaching mailboxes. This reduces the amount of traffic mail servers need to process and preserves disk space for business critical information.

Administrators can manage Antigen Spam Manager services with central configuration, deployment, updating, and reporting features in Antigen Enterprise Manager. Integration with Microsoft Operations Manager 2005 also enables administrators to monitor server availability and performance.

Prevent Unsafe Content

Not all unwanted content is in spam messages. Legitimate internal and external e-mail can also contain inappropriate content – such as pornography, legally or ethically questionable material, or confidential company information. Antigen Spam Manager has configurable content and file filtering rules that block messages with dangerous content that may result in downtime (attachments carrying blended threats) or legal liabilities (pornography or copyrighted materials). For known senders of dangerous content, Antigen Spam Manager can block all communications from a particular IP address, domain or sender.

How Antigen Spam Manager Works

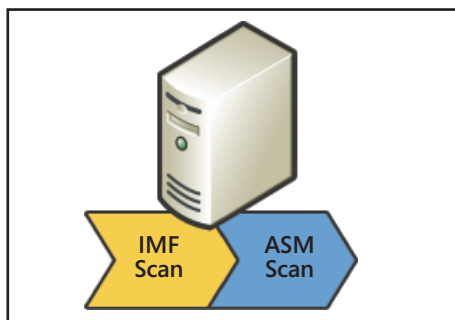
Antigen Spam Manager is a server-based anti-spam solution. While typically deployed on both SMTP gateways, it can also provide comprehensive protection across Exchange 2000 and Exchange 2003 servers. Administrators have the option of forwarding spam messages to user junk mail folders; sending spam to a corporate quarantine, where it can be reviewed, deleted or forwarded to the original recipient; tagging messages with a subject line prefix or X-header line; or simply deleting it at the entry point.

Spam Detection Engine

Antigen Spam Manager incorporates the SpamCure anti-spam engine from Mail-Filters. This frequently updated, signature-based technology identifies and removes spammer tricks that prevent spam from being blocked. The engine is continually updated by a team of experts who create precise signatures that identify multiple spam messages originating from the same spammer. These signatures are highly accurate – causing very few false positives.

IMF Integration

As part of a layered approach to spam protection, Antigen Spam Manager works with Exchange's Intelligent Message Filter (IMF). Antigen Spam Manager and IMF use the same Spam Confidence Level (SCL) rating system to mark spam. When on the same server, IMF scans incoming mail and applies its SCL rating, deleting or archiving any messages above an administrator-defined SCL rating. All the remaining mail is passed to Antigen Spam Manager, which applies its signature-based anti-spam engine and content filtering rules to SCL-rate the remaining messages, deleting or archiving any residual spam. By using multiple spam



detection methodologies on the same mail stream, organizations can improve overall detection rates.

Junk Mail Folders

For organizations that want users to be able to see and manage their own spam, Antigen Spam Manager provides several Junk Mail folder options. Antigen Spam Manager provides its own Junk Mail folder for Exchange 2000. It also provides integration with Outlook® 2003 Junk E-Mail folders when Antigen Spam Manager is deployed on Exchange Server 2003.

Content Filtering

Antigen Spam Manager uses content filtering in the message body and subject line to block messages that contain keywords for inappropriate content associated with spam. Keyword lists can be populated by administrators, or imported from existing lists. Antigen Spam Manager also provides the ability to filter mail based on one or more external Real-time Block Lists to further reduce unwanted mail.

Allow Lists

To ensure that messages from legitimate domain names and mail senders are not blocked, Antigen Spam Manager allows administrators to create detailed allowed sender lists.

Secure, Automatic Updates

To ensure that engines have the latest signature files, Microsoft's signature update process automatically downloads updates from Mail-Filters as soon as they are available and tests them against a spam database. Within minutes, the engine and signatures are tested, digitally signed by Microsoft, and posted. Antigen Spam Manager can also be configured to automatically download the latest updates

Disclaimers

Antigen Spam Manager gives administrators the ability to add disclaimer text to all outbound messages. This action is performed at the SMTP stack and can be customized by sender, recipient or domain name.

Centralized Management and Monitoring

Antigen Spam Manager integrates with Antigen Enterprise Manager (AEM), a common management console for all Antigen e-mail security products. AEM is a web-based console that provides centralized deployment, quarantine management, signature updating, SMTP/SNMP alerting, and reporting. Antigen Spam Manager also provides integration to Microsoft Operations Manager 2005 for availability monitoring.

Integrated Antivirus Functionality

Antigen Spam Manager integrates with Antigen for Exchange and Antigen for SMTP Gateways to provide complete protection against viruses, worms, spam and inappropriate content.

Antigen Spam Manager System Requirements

Features and functionality described require Microsoft® Windows® 2000 or Windows Server™ 2003; Microsoft® Exchange Server 2000 or 2003.

For more information about Antigen Spam Manager, visit: <http://www.microsoft.com/antigen>