

# Email Filtering

*with Deceptive Header Screening*

Knock out  
up to 90% of  
unwanted message traffic  
*before* any deep inspection.



Companies continue to receive an onslaught of unwanted email consisting of targeted threats, spam, viruses, phishing attempts, and other types of unwanted traffic that can easily exceed 80% of inbound volume. Current email filtering solutions fail to provide complete protection against deceptive emails because they rely on content analysis alone which can be easily fooled, resulting in more and more spam making its way back into your organization. In addition, today's solutions must conduct intensive processing on all received email - treating all email the same regardless of source or destination.

## MessageGate® Email Filtering

MessageGate® Email Filtering provides a best-of-breed solution that combines a patent pending technology, MessageGate Deceptive Header Screening (DHS), with content analysis. This proprietary technology enables mail systems to eliminate up to 90% of incoming spam and email threats prior to any processing and intensive inspection of content.

MessageGate® DHS analyzes the header and connection information contained within all email, looking for lies. Because spammers must adhere to basic rules when it comes to email headers, they must fabricate information within the header information in order for the email to get routed through the corporate email system. MessageGate's proprietary DHS technology inspects the message header and can immediately detect lies and throw out mail before any content analysis. This unique combination ensures your organization is protected from threats while virtually eliminating false positives.

## MessageGate® Email Filtering with Deceptive Header Screening

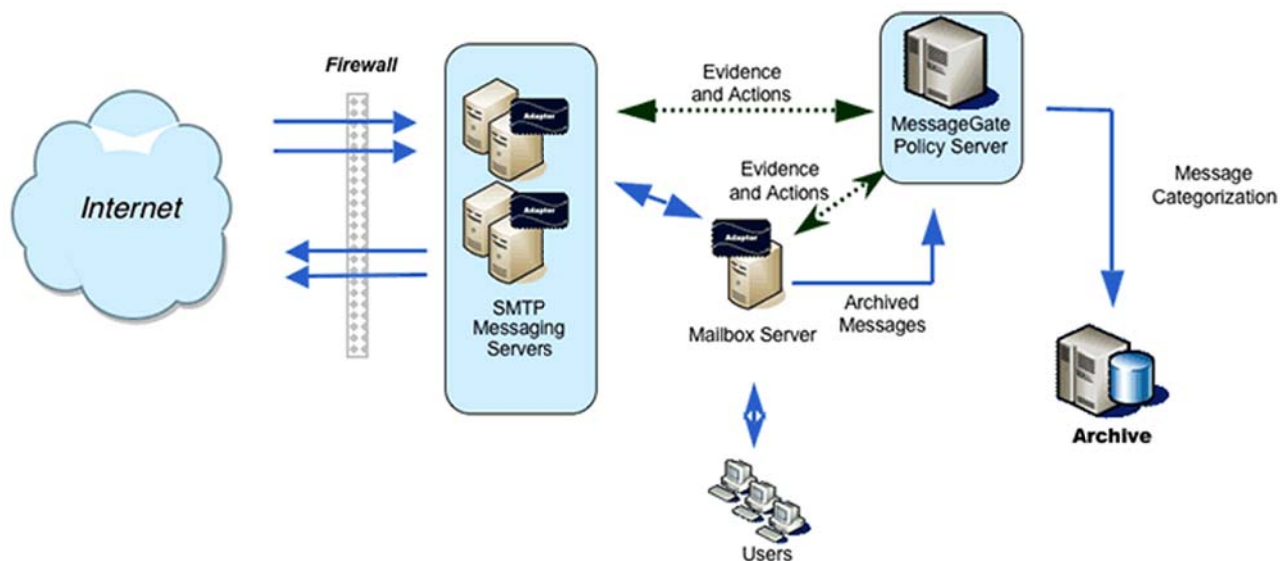
- Stops 80-90% of all targeted threats, email-borne viruses, spam, and phishing attacks BEFORE they reach processing intensive anti-virus and anti-spam filters
- Achieves 99.996% accuracy with a .003% false positive rate prior to any further scanning - DHS alone delivers a .0007% false positive rate.
- Removes the additional 10-15% of unwanted spam email that is still making its way to end-users
- Utilizes over 200 separate rules to determine good and bad contextual attributes of received email
- Requires limited on-going management and administration once configured and deployed at each gateway
- Scales for volume and can process over 25 emails/second (or ~1 million/day) at each inbound gateway on minimal hardware such as a standard, self-contained 800 mhz Celeron, 512 RAM device



## How It Works

MessageGate DHS analyzes header and connection information contained in inbound email traffic and blocks those messages that are not truthful. This ability to detect “lies” in an email is based on patent-pending header and connection analysis technology capable of high precision at sustained volume.

A DHS server is deployed at each inbound email gateway either in front of or behind existing inbound email filtering solutions. The diagram below illustrates a deployment in front of existing filtering solutions.



## Additional Information

For more information about MessageGate Email Filtering with Deceptive Header Screening, evaluation programs, and the entire Email Governance System, please contact MessageGate sales at 1-877-544-8500. More information can also be found at [www.messagegate.com](http://www.messagegate.com).

## OEM Solution

MessageGate Deceptive Header Screening (DHS) can be used as a complementary layer to existing anti-spam solutions providing deep inspection prior to intensive anti-spam and anti-virus analysis.

### Contact us about OEM opportunities if you are:

- An anti-spam or security software vendor looking to move beyond standard detection approaches
- A service provider looking for innovative ways to keep unwanted email out of inboxes
- An email security solutions provider looking for a differentiated offering

For additional OEM information, please email [oemsales@messagegate.com](mailto:oemsales@messagegate.com).

## About MessageGate

MessageGate provides enterprise-class email governance solutions to leading companies world-wide. MessageGate's technology empowers companies to cope with threats, improve archival and retrieval activities, and ensure proper usage across a variety of industries. MessageGate's offerings include: MessageGate® Activity Profile (MAP), MessageGate® Policy Enforcement, MessageGate® Archive Categorization, and MessageGate® Email Filtering.

