



# Mail-Filters™

Guaranteed Anti-Spam Solutions



## Mail-Filters Anti-Spam Solutions

Mail-Filters is dedicated to eliminating spam for customers. Mail-Filters unique anti-spam technology is guaranteed to eliminate over 95% of the spam, with no more than a 1 in 100,000 false positive rate - or it's free\*.

# Unique Technology, Guaranteed Solutions

Mail-Filters' anti-spam technology is unmatched in its combination of accuracy AND spam catching ability. Mail-Filters is the first and only solution to guarantee at least a 95% spam catch rate and at the same time have less than 1 false positive per 100,000 messages - or it's free\*.

Critical to our success has been listening when our customers insist that the false positive rate is as important as the spam catch rate. Our engineers have analyzed how spammers get around filters and how other filters mistakenly mark good mail as spam. The result has been the invention by Mail-Filters of two new approaches for defending against spam attacks: the Mail-Filters Bullet Signature Database that enables the detection of spammers and the messages they send, and the StarEngine that is used to detect spammer tricks.

## The Mail-Filters Technology

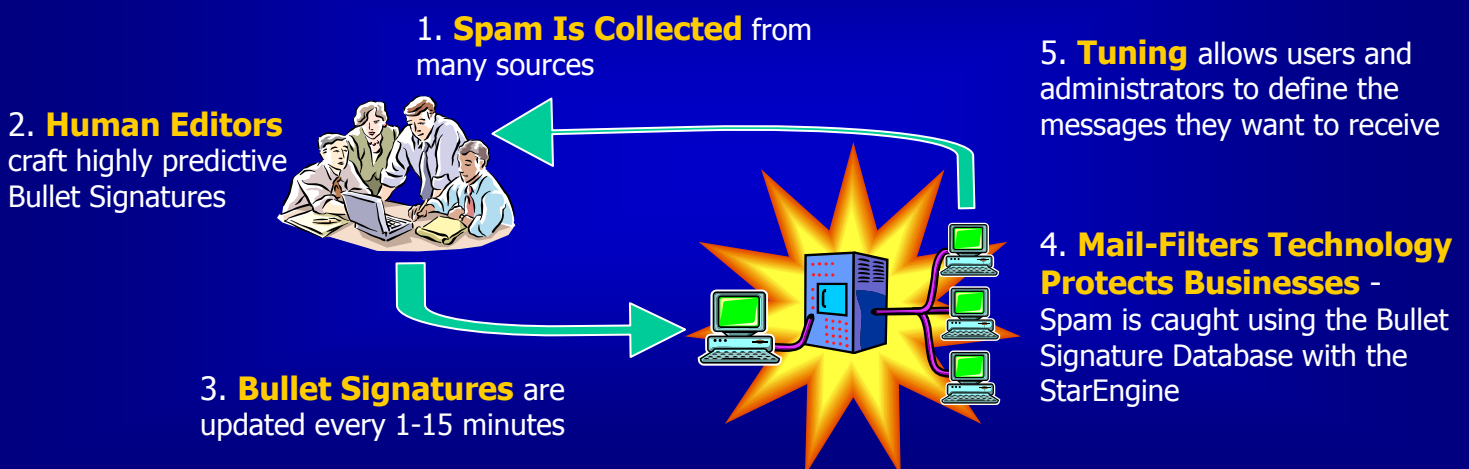
### The Mail-Filters StarEngine

**The Mail-Filters StarEngine** (**S**pammer **T**ricks **A**nalysis and **R**esponse engine) looks for spammer tricks such as falsified information in the headers and other places in the message, in addition to other unique identifying characteristics of spam. The StarEngine uses the Bullet Signature Database to scan for known spammers and the messages they send. The StarEngine is virtually immune to spammer tricks and excels at finding the toughest kind of spam: Embedded Content, HTML, and Foreign Language Spam.

### The Bullet Signature Database

**Mail-Filters Bullet Signatures** are small, targeted, and lethal spam signatures handcrafted using human editors. After spam has been collected, Mail-Filters human editors create Bullets based on key characteristics of the message that are often repeated from one spam message to another. Bullets are not checksums, which are easily defeated by today's spammers, and are not based on the whole message or single key words. Bullet Signatures are continuously updated to maintain effectiveness and accuracy. Just the latest updates are transmitted to minimize download time.

## Mail-Filters Bullet Signatures



# Solutions For Any Customer Situation

**SpamCure** is a server software e-mail gateway solution

- Installs in minutes
- High Performance Throughput- 30-40 messages/sec/processor
- Scalability – designed to handle millions of messages per day
- Spam Disposition – spam can be quarantined, sidelined, deleted or sent through to end-users
- Tuning – allows administrators and users to define what is or isn't spam for them
- Platform Support – Windows, Linux, Solaris, FreeBSD, & Others
- Compatible with all SMTP servers - including Exchange, Lotus Notes, SendMail, and GroupWise

**SpamRepellent** is a fully managed anti-spam service

- Requires no software – just a change to the MX record
- All spam processing is done in Mail-Filters' data centers keeping spam out of the organization
- Redundant Data Centers provides 100% uptime – Guaranteed.
- Spam Disposition – spam can be quarantined, sidelined, deleted or sent through to end-users
- Tuning - allows administrators and users to define what is or isn't spam for them
- Compatible with all SMTP servers – including Exchange, Lotus Notes, SendMail and GroupWise

**StarEngine SDK** allows quick and easy integration of Anti-Spam technology into OEM software or appliance solutions.

- Integrates in minutes
- Written in C++
- Extremely fast message throughput
- No Administration – End Customers can receive updates for Bullet Signatures directly from Mail-Filters or the OEM. Mail-Filters maintains all the Signatures.
- Private Labeling – allows OEMs to maintain their customer relationships
- Available in Windows, Linux, Solaris, FreeBSD, and others (check with Mail-Filters).



## The Mail-Filters StarEngine

Spammer Tricks Defeated by the Mail-Filters StarEngine



**Hash Busting:**  
Random insertion of characters or words used to defeat signature based filters.



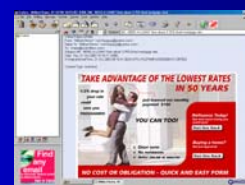
**Snow-Flaking:**  
An effort to make all HTML e-mail unique – like a snowflake – it inserts invisible characters or HTML comments into messages.



**Embedded Content:**  
Usually an HTML message that displays content pulled from a web page based on an embedded URL in the message. Gets by most spam filters.



**Foreign Language:**  
Most filters only work in their native language so most foreign language spam gets through.



**HTML E-Mail:**  
Often used by spammers to display graphics and increase response rate. HTML e-mail is difficult for many filters to scan.

Features	Benefits
<b>Spam Catch Rate &amp; Accuracy</b> – Every incoming e-mail message is processed by Mail-Filters technology using the StarEngine and the Bullet Signature Database providing at least a 95% spam catch rate and less than a 1 in 100,000 false positive rate.	Saves time and money for end users and bandwidth and hardware resources for the company.
<b>Automatic Updates</b> – Mail-Filters Human Editors are continually updating the Bullet Signature database – updates are available as often as once per minute.	As new spam attacks begin, Mail-Filters can react quickly to protect subscribers.
<b>Speed</b> – The technology is among the fastest at scanning messages for spam. On a typical single processor server, it processes between 30 and 40 messages per second. Higher throughput is achieved by using multi-processor or higher end machines or scaling to many servers.	Filtered e-mail reaches the user with no perceptible delay, and since the Mail-Filters technology is 5-10 times faster than most Anti-Virus scans, message throughput can increase significantly.
<b>Stopping Spam at the Border</b> - Spam can be deleted or quarantined at the server to prevent spam from entering the enterprise.	Stopping spam at the border reduces internal required bandwidth, reduces the load on the mail server, and stops dangerous spam from infecting internal resources.
<b>Flexible Spam Disposition</b> – Spam can be automatically deleted, quarantined, sidelined into another e-mail account, or sent through to the end user. Administrators can control the quarantine process or they can give users access to their own quarantine. Spam handling can be adjusted for each user, domain, or company.	Each organization has the option to handle spam in a manner appropriate for their organization.
<b>Simple Configuration</b> – Each of the Mail-Filters' solutions takes minutes to install and configure. SpamCure typically takes about 15 minutes, while the SpamRepellent service usually takes less than 5 minutes. The SpamCure SDK usually takes less than a day to integrate.	Customers are typically up and running in just a few minutes – with no complex integration.
<b>Scalable</b> – Mail-Filters technology is scalable to millions of messages per day.	The Mail-Filters technology is appropriate for any size business.
<b>Compatibility</b> - SpamCure is transparent to and compatible with virtually all e-mail servers, including Microsoft Exchange and SMTP based e-mail servers such as those found on UNIX systems. Client software, including Microsoft Outlook/Outlook Express, Netscape and Qualcomm Eudora, continue to function as expected.	SpamCure is compatible with your existing Internet e-mail systems and no significant re-configuration of your existing software needs to take place.

## SpamCure Configuration (2 million msg/day):

### Windows/NT

- Pentium IV at 1.4GHz or higher
- 18GB hard disk
- 512MB RAM
- Windows 2000 Server Operating System with latest service packs
- Java Runtime 1.4
- Network connectivity
- Port 25 open to receive inbound e-mail and Port 80 outbound open to request signature updates

### Linux, Solaris, FreeBSD, and UNIX

- Pentium IV at 1.4 GHZ or higher
- 18GB hard disk
- 512 MB RAM
- Java Runtime 1.4
- Network Connectivity
- Port 25 open to receive inbound e-mail and Port 80 outbound open to request signature updates

## About Mail-Filters

Founded in 2001, Mail-Filters is dedicated to protecting businesses from spam. The company develops, operates and licenses technology that seamlessly and effectively detects spam. Mail-Filters is the leading provider of anti-spam technology to OEMs and currently protects thousands of domains from spam.

### Contact Info:

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\* Guarantee: There is a 14-day free trial available to any business. After the trial any Mail-Filters customer that experiences a spam catch rate below 95% or a false positive rate greater than 1 in 100,000 messages for any calendar month will receive an additional month added to the end of their then-current subscription free of charge. Customers must send in sufficient evidence of any claim including all missed spam to [spam@mail-filters.com](mailto:spam@mail-filters.com) and all false positives to [notspam@mail-filters.com](mailto:notspam@mail-filters.com). Guarantee will expire on December 31, 2005

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