



# Trend Micro™ Email Reputation Services

## Dynamic Network-Layer Spam Protection

Email Reputation Services stop up to 80 percent of spam at its source—before it can hit the gateway and flood messaging security. By verifying the IP address of incoming mail against the world’s largest, most trusted reputation database of known spam sources, Email Reputation Services block the majority of spam with the Standard service. For added protection, the Advanced service combines the Standard service with a real-time dynamic reputation service to stop new spam sources—even zombies and botnets—when they first emerge.

### UNITED DEFENSE

Email Reputation Services are integrated with a number of Trend Micro’s messaging security solutions to provide an outer layer of security that greatly reduces spam’s impact on the gateway, allowing messaging security to run at optimal efficiency. Email Reputation Services are also complementary to all leading Mail Transfer Agents (MTA), as well as most secondary MTAs and many firewall products.

### CUSTOM PROTECTION

As the only reputation solution with an administrative console, Email Reputation Services provides a simple interface for the creation and management of allowed sender IP lists and blocked sender IP lists. Lists can be created based on individual IP addresses or entire IP blocks, by selecting entire countries, and/or ISPs. Individual usage reports provide detailed information on current spam sources, including volume and trends by country and network operator, equipping administrators to modify the service to meet the unique requirements of their organization.

### KEY ADVANTAGES

#### Stops spam at its source

- Checks email IP addresses against a database of known spam sources
- Identifies new spam sources in real time

#### Blocks spam with almost zero false positives

- Includes more than 1.6 billion IP addresses of known spam sources
- Continuously monitors and maintains reputation ratings
- Rates IP addresses on behavior, scope of activity, history, and spam samples

#### Easy to set up, scale, and maintain at lower cost

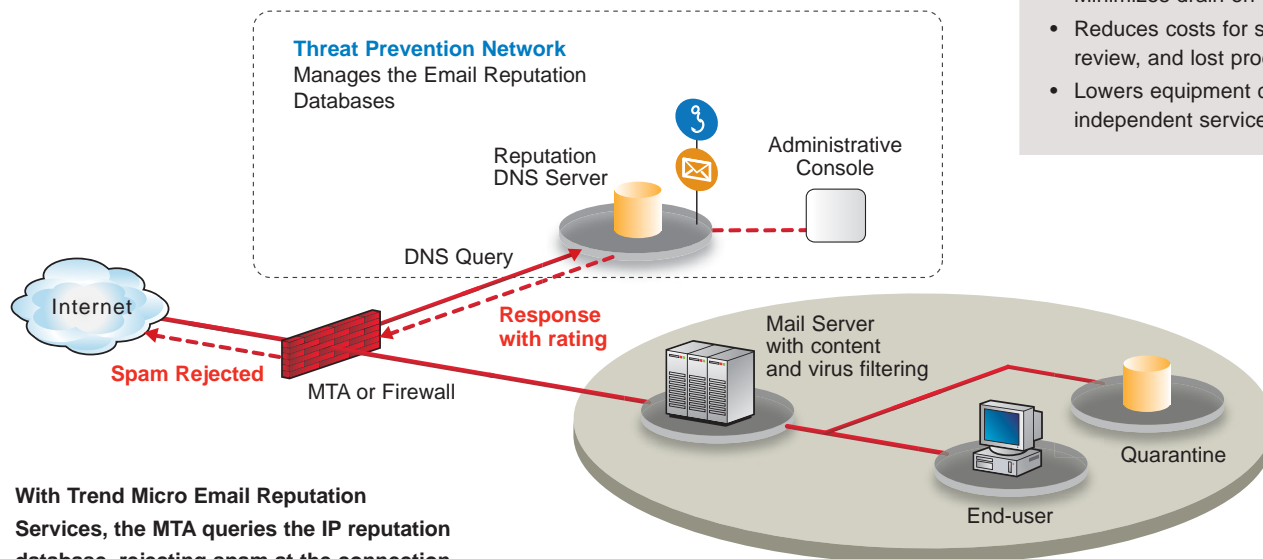
- Installs via simple configuration of the message transfer agent (MTA)
- Scales easily to combat the growing volume of spam
- Requires no additional hardware, software, or manual tuning

#### Customized Protection

- Easily creates allowed sender IP and blocked sender IP lists
- Correlates background information on spam sources to Country and ISP
- Enables intelligent choices with pre-determined and aggregated lists of IPs

#### Lower cost of ownership

- Minimizes drain on IT resources
- Reduces costs for storage, administrative review, and lost productivity
- Lowers equipment costs with hardware-independent services



With Trend Micro Email Reputation Services, the MTA queries the IP reputation database, rejecting spam at the connection level – before it can enter your network.



## Email Reputation Services

Trend Micro™ Email Reputation Services include two service levels. The Standard Service leverages the leading reputation database to detect spam and the Advanced Service combines the Standard reputation and dynamic reputation databases for the most comprehensive real-time network-layer spam protection. Key features and benefits are listed in the chart below:

KEY FEATURES	Advance Service	Standard Service	KEY BENEFITS
<b>DYNAMIC REAL-TIME SPAM BLOCKING</b>			
Identifies suspect behavior	✓		Protects against the newest sources of spam, including zombies and botnets
Assigns reputation of new spam sources	✓		Continually updates the database as new attacks occur; only blocks active sources
<b>COMPREHENSIVE REPUTATION DATABASE</b>			
Verifies IP addresses against reputation database	✓	✓	Blocks spam with almost zero false-positives
Provides comprehensive spam histories and spam samples	✓	✓	Enables IT to make informed decisions whether to block, accept, or quarantine messages
<b>ADMINISTRATION CONSOLE</b>			
Create and manage Allowed Sender IP lists and Blocked Sender IP lists	✓	✓	Create customized service to meet organizations unique requirements
Access to detailed information on spam sources	✓	✓	Enables administrator to make informed decisions when creating allow and blocked lists
<b>MIXED THREAT SECURITY</b>			
Blocks email-borne viruses, spyware, and grayware	✓	✓	Reduces burden on gateway security solutions—for improved effectiveness
Blocks phishing-related emails	✓	✓	Protects against phishing attacks designed to steal credit card numbers, passwords, etc.
Guards against directory harvesting attacks	✓	✓	Prevents spammers from harvesting corporate directories and consuming IT resources
<b>COMPATIBILITY WITH LEADING SYSTEMS</b>			
Integrated with a number of Trend Micro gateway security solutions	✓	✓	Provides one-click access—for a unified defense against spam and mixed threats
Supports leading MTAs, including Postfix, qmail, and Sendmail	✓	✓	Configures easily to work with existing MTA

### Trend Micro Threat Prevention Network

Trend Micro Email Reputation Services are powered by high-quality service from Trend Micro Threat Prevention Network, a global team of experienced spam investigators who research, collect, process, and distribute reputation ratings on IP addresses. These highly trained specialists operate around the clock to monitor spam activity, develop information on spam sources, verify the accuracy of reputation ratings, and work with organizations to ensure the service is tracking spammers correctly. For more information about Trend Micro Threat Prevention Network service and support, go to: [www.trendmicro.com/services/tpn/](http://www.trendmicro.com/services/tpn/)

### Trend Micro, Inc.

Trend Micro, Inc., is a global leader in network antivirus and Internet content security software and services, focused on helping customers prevent and minimize the impact of network viruses and mixed-threat attacks through its award-winning Trend Micro™ Enterprise Protection Strategy. Trend Micro has worldwide operations and trades stock on the Tokyo Stock Exchange and NASDAQ.

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### Compatible MTAs

For Microsoft™ Windows™, Linux™, or Sun™ Solaris™

- Trend Micro™ Standard Service currently supports any of the MTAs listed below. For the most up-to-date list, please see the website: [us.trendmicro.com/en/products/ers/standard/config](http://us.trendmicro.com/en/products/ers/standard/config)
- Trend Micro™ Advanced Service currently supports the MTAs in bold font. For the most up-to-date list, please see the website: [us.trendmicro.com/en/products/ers/advanced/config](http://us.trendmicro.com/en/products/ers/advanced/config)

4th Dimension WebSTAR V  
Aladdin eSafe  
Alt-N Mdaemon  
**Bizanga IMP**  
Borderware MXtreme  
**Cisco ASA Firewall**  
Clearswift MailSweeper  
CMS Praetor  
Deerfield VisNetic Mail Server  
Eudora Internet Mail Server  
**exim exim Internet Mailer**  
Fortinet Fortigate  
Foundry  
Gordano Messaging Server  
GWAVA  
IronPort (full product line is supported)

Kerio Mail Server  
Lotus Domino  
Macintosh OS X Mail Server  
Mailfrontier Gateway (acquired by SonicWALL)  
McAfee™ WebShield  
Microsoft Exchange 2003  
Mirapoint (full product line is supported)  
**NetIQ MailMarshal**  
**OmniTI Ecelerity**  
**Openwave Edge GX**  
**Postfix**  
Proofpoint Protection Server  
**qmail**  
**Secure Computing Sidewinder**  
**Sendmail™ SonicWALL**  
SpamAssassin

Sun ONE Messaging Server  
Surfcontrol Email Filter  
Sybari Antigen  
Symantec™ AntiVirus for SMTP Gateway  
Symantec Firewall  
Symantec, Mail Security for Microsoft Exchange  
**\*Trend Micro™ InterScan™ Gateway Security Appliance**  
**\*Trend Micro InterScan Messaging Security Appliance**  
**Trend Micro InterScan Messaging Security Suite 5.7**  
**Trend Micro InterScan VirusWall**  
**Trend Micro Spam Prevention Solution**  
**Tumbleweed MailGate**  
Watchguard SpamScreen  
Xwall  
**ZixCorp Message Inspector**