

MailGate™

Comprehensive, powerful, and easy-to-manage email security



Leaders Quadrant of Gartner Magic Quadrant
for Email Encryption, 2007

Robust email security that significantly lowers cost of ownership.

RISING EMAIL SECURITY CHALLENGES

While email is essential for business communication, it wasn't designed with security or regulatory compliance in mind. As spammers and hackers continue to exploit weaknesses in the world's email infrastructure, organizations face the challenge of protecting their networks from a barrage of junk email and inbound attacks, as well as constantly evolving threats such as image spam, botnets and zombie infections—all while trying to ensure the privacy and regulatory compliance of business-critical communications.

The costs, headaches, and risks associated with these problems continue to increase. Organizations deploy a range of point solutions to defend against these multiple threats, but many of these solutions create security and management gaps.

TAKE CONTROL OF EMAIL SECURITY

Tumbleweed MailGate delivers the most robust, effective and easy-to-manage email security available. Through its unrivaled content filtering, antivirus, antispam and Intelligent Edge Defense capabilities, MailGate protects enterprises of any size against virus outbreaks, botnets, spam and denial-of-service attacks, effectively eliminating up to 90 percent of email traffic before it can penetrate corporate email infrastructure.

MailGate also prevents the kind of accidental email data leakage that can jeopardize corporate reputation and regulatory compliance. MailGate provides end-to-end email protection through intuitive policy controls that make it easy to enforce rules around content, users, recipients and attachments, while providing the widest range of policy actions, from blocking to encryption. MailGate reduces the complexity associated with protecting sensitive data through a simple check-box user interface that filters content such as credit card, Social Security and CUSIP numbers.

Built on a hardened Linux appliance, MailGate installs in minutes, processes close to two million messages an hour, and provides intuitive administrative controls and centralized management capabilities.

COMPREHENSIVE EMAIL SECURITY

Tumbleweed offers unrivaled expertise in protecting organizations worldwide from security threats. With thousands of enterprise customers, award-winning 24x7 support, and more than 25 key technology patents, Tumbleweed leads the industry in developing practical solutions for trusted online communication.

EFFECTIVE

- Virusprotection and attachment stripping block malicious code
- Zero-hourprotection against new spam and virus attacks
- Prevents accidental data leaks through deep content filtering of messages and more than 300 attachment types

EASY-TO-USE

- Intuitiveuser interface with dashboard controls for all email security functions
- Flexiblepolicy controls can block, quarantine, modify, reroute or encrypt messages
- Installsin minutes
- Real-time,automated reporting and message tracking
- Centralized management for multiple geographically dispersed appliances

COMPREHENSIVE

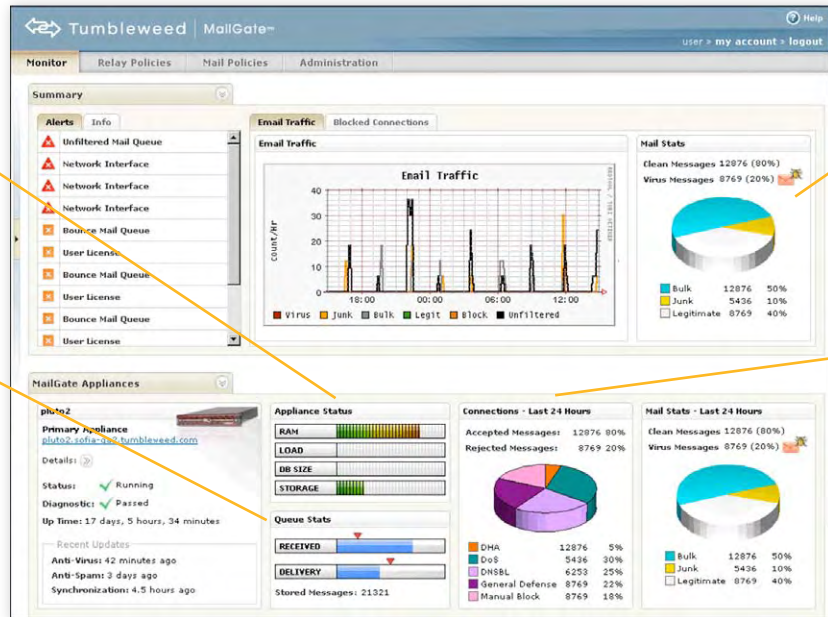
- Completeemail security solution on high-performance appliances
- Intelligent Edge Defense controls SMTP connections and defends against directory harvest attacks and denial-of-service attacks
- Multiplespam filters provide more than 99 percent accuracy* and the industry's lowest false positive rates

* Independent testing by VeriTest measured 99.10% accuracy with 0 false positives



FLEXIBLE, MODULAR SECURITY

Every enterprise has unique communication needs. That's why MailGate's flexible architecture lets you select the specific levels of protection you need now, while making it easy and straightforward to add new modules as security requirements increase.



System load information helps you monitor and balance the load for multiple appliances

Monitoring of message queues lets you easily spot potential processing problems

Real-time snapshot of email classifies junk, bulk and legitimate mail, as well as viruses

Data on SMTP connections helps identify and track dark traffic

INTELLIGENT EDGE DEFENSE

MailGate combines on-box anomaly detection and rate throttling with real-time zombie detection and IP reputation services to provide an effective defense against distributed botnet attacks. This unique combination of capabilities correlates and identifies spam outbreaks across multiple IP addresses, even if the IPs have been recently hijacked and have no existing negative reputation. The Intelligent Edge Defense module also eliminates directory harvest attacks, email denial-of-service attacks, malformed SMTP packets, invalid recipient addresses, and other forms of malicious and invalid messages, reducing raw email loads by more than 90 percent. And by verifying valid recipients at the perimeter, MailGate enables you to create IP-based block and allow lists, identify suspicious senders, and apply intelligent traffic shaping and message throttling for invalid messages.

ANTISPAM

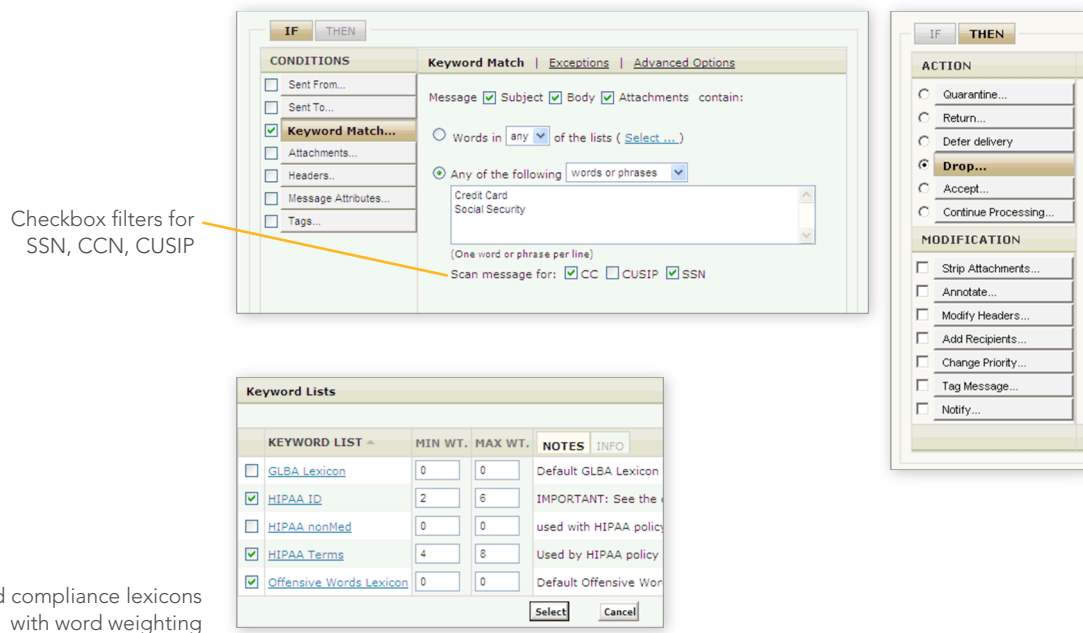
MailGate's layered antispam filtering technologies effectively block more than 99 percent of all inbound spam, with virtually no false positives. Antispam techniques include meticulous content and image analysis, and rules-based heuristics, with automated updates to all appliances every hour, 24x7. Tumbleweed's Message Protection Lab provides detailed human review and artificial intelligence-enhanced analysis of more than 400 million messages every day, to ensure the highest levels of accuracy and protection.

ANTIVIRUS

Industry-leading Kaspersky or McAfee antivirus engines provide complete gateway protection from viruses, worms, Trojan horses, spyware and other forms of malware. MailGate enables you to develop custom virus scanning policies and block selected unauthorized file attachments and executables. And because the very first minutes and hours of new virus epidemics are critical, MailGate's Zero-Hour Virus Outbreak Protection quarantines suspicious messages and attachments in these decisive early hours. Administrators can specify duration of quarantines, so your enterprise is fully protected while waiting for antivirus vendors to provide virus signature updates.

POWERFUL DASHBOARD CONTROLS AND SUPERB VISIBILITY INTO EMAIL COMMUNICATIONS

MailGate enables total control of email security through its easy-to-use, state-of-the-art management dashboard. This powerful tool lowers administrative costs by providing real-time feedback on email traffic, network attacks, spam statistics, message queues, content filtering and much more – even across multiple appliances. MailGate provides comprehensive and insightful reporting capabilities, including automated report generation and delivery and advanced message tracking, thereby saving time and providing management greater visibility into email communications.



Standard compliance lexicons with word weighting

CONTENT FILTERING

MailGate prevents accidental data leakage of sensitive and proprietary information, including information about customers, employees, intellectual property and data protected by industry and government regulations. In fact, through MailGate's simple checkbox content-filtering features, credit card, Social Security and banking/trading (CUSIP) numbers are fully protected. Additionally, extensive lexicons of financial terms, healthcare terms and offensive words and phrases are combined with flexible word-weighting to provide complete, granular control over a wide range of regulated information on all inbound and outbound messages. MailGate's deep content filtering capabilities can scan and analyze over 300 types of attachments, including multiple levels of embedded archive files and hidden document text.




POLICY MANAGER

MailGate's Policy Manager provides powerful and streamlined tools for building and managing email security policies that protect your enterprise against accidental data leakage. Using MailGate's intuitive interface, you can easily build role-based rules based on senders, recipients, content, attachments, message headers and file size. Additionally, MailGate enables you to automatically quarantine, return, drop, annotate, add disclaimers, modify headers or tag messages for future analysis.

ENCRYPTION

MailGate delivers automatic gateway-to-gateway strong encryption for any remote domain through policy-based TLS (Transport Layer Security) encryption. In addition, MailGate's Secure Messenger module lets you route messages based on message content or the identity of senders and receivers. MailGate provides the industry's widest range of encryption methods and secure email delivery options, including remote certificate error checking and validation, S/MIME and PGP protocols, and patented, secure Web-based delivery.

Tumbleweed MailGate Appliance

PRODUCT MODULES	APPLIANCE MODULES
INTELLIGENT EDGE DEFENSE	4600 Series  Cost-effective and easy to deploy for any organization
IP REPUTATION	
ANTISPAM	5600 Series  High performance, built-in redundancy, enterprise scalability
ANTIVIRUS	
VIRUS OUTBREAK DETECTION	6600 Series  Highest performance for the most demanding enterprise environments
POLICY MANAGER	
ENTERPRISE MANAGER	

HIGH-PERFORMANCE, EASY TO INSTALL APPLIANCES WITH CENTRALIZED MANAGEMENT

MailGate is available as a high-performance, hardened Linux appliance in a range of sizes, to meet the needs of any organization. Each appliance is designed for reliability, with redundant disk drives, RAID controllers and optional redundant power supplies. Embedded remote access controllers provide serviceability with no need to unrack the appliance, and in the event of a hardware failure, Tumbleweed provides worldwide onsite hardware support.

MailGate's inbound and outbound email security functions can be controlled through a single, clearly organized dashboard with tabs for each product module. The admin dashboard also provides centralized management of multiple distributed appliances, and supports multiple administrators through a delegated, role-based system. MailGate's clear and logical user interface makes it easy to set up new administrators and assign them appropriate rights based on specific job functions. MailGate's dashboard management features greatly reduce administrative costs while providing redundancy, high availability, scalability and secure management for large and distributed organizations.

LEARN MORE TODAY

To learn more about how Tumbleweed's MailGate suite of email security solutions can defend your organization against viruses, spam, denial-of-service attacks and the kind of accidental email data leakage that could jeopardize security and regulatory compliance, call your regional office listed below, email us at info@tumbleweed.com, or visit us at www.tumbleweed.com

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TUMBLEWEED PRODUCT LINES



Managed File Transfer

SecureTransport™ provides a centrally managed system for monitoring and managing secure file transfer activity across multiple file transfer sites or applications. SecureTransport allows organizations to meet regulatory compliance mandates, integrate with current infrastructure, and control and manage the transfer of files inside and outside of the corporate firewall.



Email Encryption

Secure Messenger™ is an email encryption platform that enables you to protect, analyze, manage, and report on email traffic flowing in and out of your organization. Secure Messenger's enterprise-class, component-based architecture includes a state-of-the-art SMTP relay and a powerful policy engine. By monitoring messaging at the Internet gateway with a complete set of email security capabilities, Secure Messenger provides the most effective and reliable method to secure your inbound and outbound email streams.



Email Security

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Identity Validation

Validation Authority™ ensures the validity and integrity of highly valued and trusted transactions by validating digital certificates in real time. This comprehensive, scalable, and reliable framework can validate certificates issued by any Certificate Authority.



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