

 Tumbleweed MailGate Email Firewall™

Protect your company against inbound and outbound email threats with MailGate Email Firewall, the industry's most comprehensive integrated email security.

Organizations are looking to ensure the email port is not an open door—inviting in security threats and scams while exposing the organization to risk and legal liability as confidential information flows out unchecked. MailGate Email Firewall blocks spam and viruses, phishing and email fraud, and keeps hackers from compromising your network. MailGate Email Firewall also allows you to comply with industry and government policy regulations, safeguard proprietary information, and enforce corporate security and human policies on outgoing email.

INBOUND EMAIL SECURITY

By filtering inbound email messaging at the Internet gateway with an integrated set of defenses, MailGate Email Firewall provides the most effective method to make your email stream secure and reliable, while minimizing administration costs. The MailGate solution improves employee productivity and reduces your risks and liabilities by adding a vital layer of antispam, antiphishing, antivirus, and connection management security to existing firewalls and VPNs, without requiring changes to your enterprise applications, protocols, or end-user procedures. It scales readily and provides centralized management and reporting. And since MailGate Email Firewall works at the Internet gateway, it conserves bandwidth by blocking viruses, spam, and other unwanted email content—before they enter the corporate network.

OUTBOUND EMAIL SECURITY

To ensure compliance with government and industry regulations like HIPAA, GLBA, Sarbanes-Oxley, and California Security Breach Information Act (SB 1386), MailGate Email Firewall provides sophisticated filtering, monitoring, encryption, and reporting capabilities that leverage MailGate Email Firewall's leading-edge policy engine. The policy engine automatically applies email policies that allow users to manage all incoming and outgoing messages.

Using state-of-the-art encryption, authentication, tracking, and intelligent routing capabilities, MailGate Email Firewall makes it simple for employees to use secure email to securely and reliably exchange confidential information and documents with customers and partners. MailGate Email Firewall provides the industry's broadest set of secure messaging capabilities, including S/MIME, TLS or PGP, for transparent deployment. Universally deployable browser-based delivery methods using both pull and push models are provided with the Tumbleweed MailGate Secure Messenger™ add-on to the MailGate Email Firewall. These encryption features enable real-time compliance with security and privacy regulations without blocking email from going out on the Internet.

FEATURES

- Antispam
- Antivirus
- Connection management
- Antiphishing
- Content filtering
- Customizable policy enforcement
- Message encryption
- Sender authentication
- High-performance SMTP relay
- Scalable enterprise architecture
- Delegated administration
- Software and appliance deployment options

BENEFITS

- Protect internal email servers from security breaches and wasted bandwidth
- Stop data leaks
- Mitigate the risks of legal liability
- Improve employee productivity
- Enforce email use policies
- Increase adoption of email encryption
- Reduce IT email management burden



“Tumbleweed’s integrated Email Firewall product gives us best-in-class capabilities to proactively protect the privacy of nearly a million plan members, protect our employees and network from offensive and time wasting spam, and provide us with gateway-based antivirus protection. This allows us to avoid the costs and risks of having multiple, different and sometimes immature point products in our email environment, reducing our administration costs and minimizing points of failure.”

ERICH BUBLITZ, SENIOR SECURITY ANALYST
Blue Cross and Blue Shield of Kansas City

INBOUND SECURITY:

Stop Spam, Viruses, and Hackers Before They Access Your Corporate Email Network

Tumbleweed MailGate Email Firewall is a scalable enterprise-class gateway that works at the network perimeter and sets up a three-pronged front against a full range of network threats:

ANTISPAM/ANTIPHISHING

MailGate Email Firewall combines three technologies to virtually eliminate spam without loss of legitimate messages:

- Dynamic Antispam (DAS)—identifies spam and phishing attacks by published regular filter updates using Tumbleweed’s Message Protection Lab™.
- Commtouch Recurrent Pattern Detection technology (RPD™)—identifies spam outbreaks on the Internet through real-time analysis of large volumes of email.
- Intent Based Filtering (IBF)—proactively applies artificial intelligence to identify never before seen spam.

ANTIVIRUS

MailGate Email Firewall protects against viruses and other malicious code in three ways:

- Provides McAfee antivirus technology, including McAfee’s pattern update service.
- Quarantines suspicious inline scripts, and strips infected attachments that cannot be cleaned by the virus engine.
- Proactively protects against virus outbreaks before McAfee pattern updates are available by identifying and quarantining messages with suspect attachments. Once the latest virus patterns are available from McAfee, messages are re-submitted to the anti-virus engine and safely delivered.

CONNECTION MANAGEMENT

Hackers attack email systems using a variety of techniques including Directory Harvest Attacks (DHA), Denial of Service (DoS), mail flooding, and open relays, MailGate Email Firewall guards against all these attack types and more by applying a set of integrated SMTP connection-level defenses at the email relay. These include recipient verification, email authentication using SPF, Sender ID or S/MIME digital signatures, connection blocking and throttling, and third party DNS blacklists and reputation services.

FLEXIBLE POLICY-BASED ACTIONS PROVIDE MAXIMUM PROTECTION WITHOUT INTERRUPTING BUSINESS-CRITICAL COMMUNICATIONS

Tumbleweed provides the industry’s most extensive set of actions to handle email messages that trigger policy violations.

Quarantine

Prevent questionable messages from entering or leaving the organization until they are reviewed by a compliance officer, IT manager, HR representative, or other designated person.

Archive

Intelligently route incoming or outgoing mail based on content or identity to your archiving infrastructure to meet corporate or regulatory requirements.

Personal Quarantine Manager (PQM)

Allow end-users to decide whether to release, delete, and/or whitelist messages quarantined at the gateway by spam or other policies.

Log Event

Record an event for auditing purposes to show how messages were processed or who made changes to the system.

Defer Delivery

Queue large messages for delivery during off-peak hours to preserve network bandwidth.

Encrypt

Automatically use S/MIME, PGP, and/or TLS to secure the message across the Internet. The Tumbleweed MailGate Secure Messenger™ add-on component to the Email Firewall can optionally deliver messages securely through universal, browser-based methods.

Policy-Based Routing

Route a message to any designated relay based on its content, not just the address of the recipient.

Add a Recipient

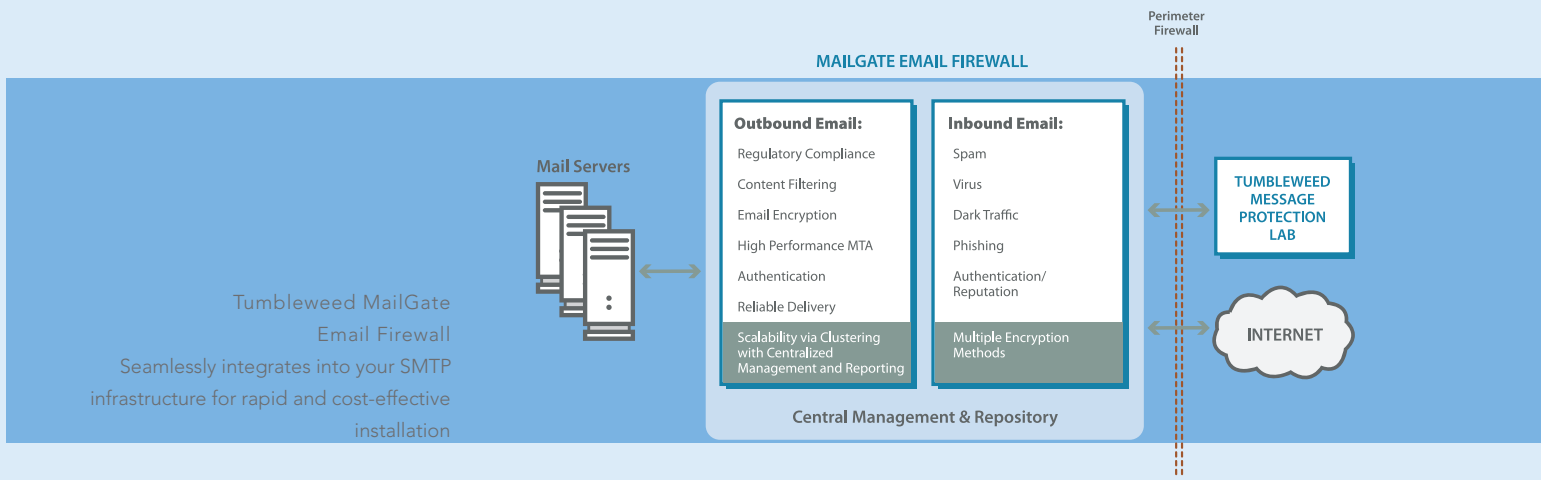
Automatically add recipients to messages to support business workflows.

Annotate

Automatically add information to the message header or body, such as legal disclaimers or explanations of policy violations for compliance purposes.

Notify

Alert senders, recipients, and third parties of policy violations.



OUTBOUND SECURITY:

Stop Data Leaks, Enable Secure Communications and Ensure Compliance

SECURE MESSAGING

With state-of-the-art encryption, authentication, tracking, and intelligent routing capabilities, the MailGate Email Firewall eliminates email security concerns, enabling your organization to:

- Identify messages that should be blocked or delivered based on a set of policies you define at the gateway
- Create secure partner networks, using S/MIME, PGP, or TLS, for exchanging sensitive business information, such as contract negotiations, design and manufacturing specifications, and securities offerings
- Communicate sensitive customer information and deliver confidential data and documents securely using Web browsers-based message delivery

EMAIL COMPLIANCE

MailGate Email Firewall also minimizes your legal risks and protects intellectual capital by proactively filtering messages to:

- Enforce communications policies that ensure compliance with HIPAA privacy and security regulations, the Gramm-Leach-Bliley Act (GLBA), Sarbanes-Oxley regulations, and California SB 1386, as well as your corporate policies
- Protect intellectual capital by scanning messaging content to prevent sensitive or confidential information from leaving your corporate network
- Reduce liability by identifying messages that include legally risky content, including profanity, private data such as social security numbers or account pin codes in financial services, or diagnostic codes and PHI in healthcare

APPLIANCE DEPLOYMENT SPECIFICATIONS

SYSTEM REQUIREMENTS FOR SOFTWARE DEPLOYMENT:

- Microsoft® Windows® 2003 Server operating system
- Microsoft® SQL 2000 SP3a database
- Intel® Pentium® 3 700MHz or higher
- 256MB RAM
- 2GB free disk space or higher

MailGate 3570 appliance

- Rack-mounted 1U appliance
- Integrated hardware & software
- LCD control panel for rapid configuration and deployment
- Two 1 Gigabit Ethernet ports (GbE)
- 1.75"(H) x 19"(W) x 21"(D); 100-240 VAC

MailGate 5570 appliance

- Rack-mounted 2U appliance
- Integrated hardware & software
- LCD control panel for rapid configuration and deployment
- Two 1 Gigabit Ethernet ports (GbE)
- Dual processors
- Four redundant hot-swappable disk drives (RAID configuration)
- Redundant hot-swappable power supplies with failure alarm
- 3.5"(H) x 19"(W) x 27"(D); 100-240 VAC

TUMBLEWEED INDUSTRIES

BANKING & FINANCE

ABN AMRO Bank
ADP
Alliance Data Systems
AXA Financial
Bear Stearns
Deutsche Bank
JPMorgan Chase
MasterCard
NASD Production Services
Wells Fargo Bank

GOVERNMENT ORGANIZATIONS

California Health and Human Services
Connecticut Dept. of Labor
LA Department of Mental Health
State of Washington
Singapore Central
Providence Fund
US Navy Surface Warfare Center

HEALTHCARE & INSURANCE

AdvancePCS
AON
Blue Cross Blue Shield of Florida
Group Health Cooperative
New York Life Insurance
WebMD Envoy

ENTERPRISES

General Motors
Johnson & Johnson
Sears Roebuck and Company
Symantec
Verizon

TUMBLEWEED EMAIL FIREWALL KEY CAPABILITIES

- Key advanced spam and phishing protection
- Industry-leading McAfee antivirus technology
- Connection Management to thwart hacker attacks
- Policy-based content filtering
- Flexible encrypted messaging
- Centralized management
- Customizable in-depth graphical reporting
- Audit trails
- Integration with your existing directory infrastructure

THE LEADER IN EMAIL SECURITY

- Pioneer of the S/MIME standard
- One of the first vendors to receive S/MIME Gateway (SMG) certification from the Open Group
- More than 20 email patents
- Founder of the Anti-Phishing Working Group (APWG)
- Leader in email authentication technologies, including SPF
- Active in standards development with IETF (MARID, MASS) and Open Group, for next-generation email authentication technologies

TUMBLEWEED PRODUCT LINES

Email Security

Protect your email network by blocking spam and viruses, encrypting and routing traffic, and filtering content with Tumbleweed MailGate™.

Managed File Transfer

Send and receive large files securely and efficiently, without the need for proprietary software or networks with Tumbleweed SecureTransport™.

Identity Validation

Ensure the validity and integrity of highly valuable and trusted transactions in real-time with Tumbleweed Validation Authority™.



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