

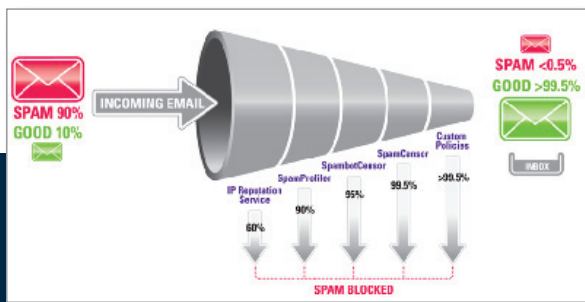
Secure Email Gateway

Protecting your organization's email environment against spam and malware while managing complex compliance policies and preventing confidential data leakage can be a daunting challenge. Trustwave Secure Email Gateway (SEG) achieves all this within a single solution that meets the scalability, flexibility, and centralized management needs of even the largest enterprises. Trustwave SEG provides true email security for organizations of all sizes.

Overview

Trustwave SEG is a versatile, powerful, and scalable email security system for use in any network environment. It integrates email threat protection, inbound/outbound content analysis, policy enforcement, compliance and data leakage prevention into a single, flexible, and easy-to-manage solution.

Trustwave SEG acts as a gateway to your organization by filtering all email sent and received at your network/Internet perimeter. It blocks incoming email threats such as spam, phishing, viruses, malware and Denial of Service attacks. It also enforces Acceptable Use Policies and ensures compliance with data leakage prevention policies. It can be deployed as a standalone solution or multiple, distributed Trustwave SEG servers can be easily configured into an array to support the largest networks with centralized management for streamlined administration.



Features

- Best-of-Breed protection against spam and phishing
- Protection from viruses, malware, plus Targeted Attacks and Blended Threats
- Inbound content security (deep content inspection)
- Outbound acceptable use and compliance policy enforcement
- Data Leakage Prevention (DLP) technology
- Secure, automatic email encryption
- Message Archiving
- Pornographic Image Detection (optional)
- Denial of Service (DoS) and directory harvesting attack prevention
- Reporting and message classification
- Comprehensive enterprise management

Key Benefits

Secures Your Email Gateway Against All Internet Threats

Trustwave SEG restores the true business value of email, making it safe and efficient to use. It protects against all email threats including spam, phishing, viruses, malware, blended threats, targeted attacks, directory harvesting attacks, DoS attacks, and spoofed messages.

Rapid Return on Investment

Useful management reports highlight anti-spam and security effectiveness as well as identifying attempted policy breaches, enabling system administrators to demonstrate a rapid return on investment to stakeholders and executives.

Low Total Cost of Ownership

Easy deployment, minimal administration overhead, consolidation of all email security functions into a single management interface along with zero-day security, anti-spam updates, and detailed but clear reporting are all part of what makes Trustwave SEG the ultimate email security solution.

Enforces Compliance and Data Leakage Prevention Policies

Trustwave SEG enables organizations to place restrictions on who can send confidential information via email and what data can be sent. It ensures that sensitive communications are secured against prying eyes. It also provides context-sensitive email archiving, such as storing all messages on a related topic or all email exchanges with specific domains.

Provides Comprehensive Legal Liability Protection

Inappropriate/offensive content is filtered out of incoming email and outgoing messages are automatically checked for policy compliance. Trustwave SEG allows organizations to demonstrate that all reasonable measures to protect employees and fairly enforce policies are in place.

Improves Network Efficiency and Saves Costs

By controlling bandwidth consumption, Trustwave SEG maintains consistent, reliable network performance and prevents excessive non-business email use.

Improves Employee Productivity

Implementing Trustwave SEG means that employees spend less time managing spam and helps organizations enforce acceptable use policies to control personal email or other time-wasting, non-business activities.

Safeguards Business Reputation

Trustwave SEG prevents the unauthorized distribution of confidential or sensitive information via email and ensures that users are not in a position to hurt your organization through inappropriate content or offensive conduct.

Creates a Safer Working Environment for Employees

Through consistent and thorough application of security and acceptable use policies, issues such as sexual or racial harassment via email can be prevented.

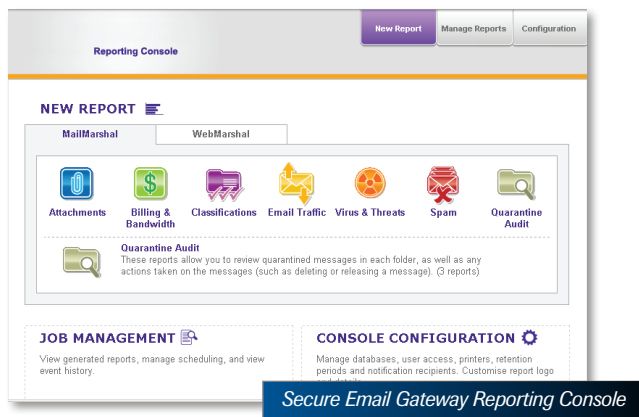
Trustwave Unified Security

solutions provide layered protection from the Web, to applications, to the network, email and finally to the data. These solutions collaborate with Trustwave SIEM to share intelligence to uncover attack patterns that single products, acting alone, miss or cannot protect against.

Solutions For All Types of Organizations

Trustwave SEG is one of the worlds most successful and popular email security solutions. It is used by more than 10,000 organizations, including 40% of the world's Fortune 500 companies. Trustwave SEG customers range from small businesses with fewer than 25 employees to universities, multi-national corporations, and government agencies with hundreds of thousands of users. The majority of Trustwave SEG customers have used it for more than three years and when asked in a recent survey, 97% said that they would recommend Trustwave SEG to others. It is renowned for its ease of use, performance and reliability.

Trustwave SEG can be deployed as a standalone gateway solution or multiple servers can be connected to form an array capable of supporting the largest enterprise environments. The Trustwave SEG Array Manager architecture allows you to administer multiple, geographically distributed servers and gateways with consolidated management, reporting, performance counters and central policy configuration. Trustwave SEG allows you to build a fault-tolerant, load-balanced environment with a minimum of complexity and cost.



Threat Protection

Spam and Phishing Protection

- The Trustwave Defense-in-Depth anti-spam engine combines layers of spam filters for unsurpassed protection, performance and accuracy. It achieves a consistent 99.5% spam catch rate with near zero false positives with no special tuning or ongoing administration.
- Dynamic anti-spam updates are provided via the Trustwave Security Labs update service every 60 seconds along with weekly heuristic filter updates.
- Includes the Trustwave IP Reputation Service, which can proactively reject over 50% of incoming spam, enabling significant bandwidth savings.
- Provides proprietary Automated Adaptive Whitelist technology to track your email partners and ensures that messages from trusted sources are not blocked as spam. No need to manually create or maintain whitelists.

Virus, Malware, and Blended Threats Protection

- Provides deep content analysis of all email components to identify and quarantine messages containing potentially harmful code or URL links to known malicious websites.
- The optional Trustwave Targeted Attack Service specifically targets malicious URLs embedded in messages, utilizing the Trustwave cloud-based malware behavior analysis service.
- Detects and unpacks archive file types, identifying viruses recursively embedded within attachments.
- Identifies and blocks dangerous file types by their content and MIME type, thus detecting mislabeled attachments.

Denial of Service and Directory Harvesting Attack Protection

- Detects and manages suspicious behavior such as rapid concurrent connections from a single IP address or multiple emails sent to invalid email addresses.
- When suspected Denial of Service or Directory Harvesting Attacks are detected, connection attempts from the offending SMTP server are rejected. Normal service resumes automatically after a defined period.

Content Analysis

Comprehensive Security

Enforces any policy based on virtually any message attribute. Control messages based on:

- Who the message involves (sender, recipient, IP address)
- What the message contains (spam, malware, keywords and phrases, message size, file attachments, alphanumerical patterns)
- Actions you would like to take (block, delete, archive, delay, encrypt, copy, notify an email address, strip an attachment, classify the message for reporting)

Control inbound messages based on the presence of restricted file types, the number of attachments or inappropriate keywords. Implement policies by user, department, special group or domain – or across the entire organization.

Outbound Policy Enforcement and Compliance Management

Automatically applies policy to outgoing messages. Enforces policies related to outgoing message size, attachments, keywords or recipient. Provides full reporting on outbound email content and attempted policy breaches.

Data Leakage Prevention

Features file fingerprint technology to manage the distribution of confidential files and intellectual property. Quarantines any restricted file being sent by an unauthorized user and sends notifications to nominated email addresses.

Secure Email

Provides built-in gateway-to-gateway TLS encryption to secure confidential communications or ensure regulatory requirements are complied with. Supports Trustwave SendSecure for Web-based Business-to-Consumer (B2C) secure communication.

Message Archiving

Automatically archives messages on a daily basis. Permits messages to be retained indefinitely or automatically deleted after a defined retention period.

Pornographic Image Detection (optional)

Image Analyzer™ for Trustwave is an optional module for identifying inappropriate or pornographic images using deep image analysis which is applied to a range of supported image file formats. Image Analyzer for Trustwave helps prevent exposure to offensive content and educates users on what is deemed appropriate.

Management and Reporting

- Provides administrative features designed to streamline maintenance and minimize administrative overhead. Automates importing and maintenance of email account information through comprehensive LDAP and Active Directory support .
- Comprehensive reports identify the most visited Web sites, top Web users, itemized bandwidth costs and blocked content. Understandable executive summaries, system monitoring, and auditing of user behavior for human resources are all provided in easy to access, Web-based reports.

About Trustwave®

Trustwave is a leading provider of compliance, Web, application, network and data security solutions delivered through the cloud, managed security services, software and appliances. For organizations faced with today's challenging data security and compliance environment, Trustwave provides a unique approach with comprehensive solutions that include its TrustKeeper® portal and other proprietary security solutions. Trustwave has helped hundreds of thousands of organizations—ranging from Fortune 500 businesses and large financial institutions to small and medium-sized retailers—manage compliance and secure their network infrastructures, data communications and critical information assets. Trustwave is headquartered in Chicago with offices worldwide.

For more information: <https://www.trustwave.com>.