Trustwave®

Secure Web Gateway

Trustwave Secure Web Gateway is the only solution that protects against next-generation threats in real time. By accurately detecting new and targeted attacks, it virtually eliminates over- and under-blocking and enables users to access the Internet safely and productively. With the most flexible deployment options in the industry, it fits into existing infrastructures easily while providing full security coverage to every user, regardless of connection or location.

Overview

For organizations who wish to safely take advantage of the Web and its Social Media tools, the Trustwave Secure Web Gateway (SWG) protects against dynamic, cross-component malware threats using patented real-time code analysis, analyzing the whole composition of a Webpage. Trustwave SWG is the only Web security provider in the industry to effectively protect against Dynamic, Cross-Component and Web 2.0 based threats in a single solution. With Trustwave SWG, organizations have safe access to Web 2.0 applications, reduce data breach risks, and manage productivity. Trustwave SWG is the most versatile, cost effective secure Web gateway in the market today, with its flexible deployment options to best suit your business needs.

Key Features

- Multi-Layered Anti-Malware Engine
- Web 2.0 Productivity Controls
- Advanced Application and Operation Controls
- Robust Deployment Options
- Flexible Policy Tools
- Detailed, Customizable Reporting
- User Authentication and Identification
- Web Filtering
- Enterprise-Class Data Loss Prevention
- Inspection and Validation of SSL-encrypted traffic

Key Benefits

Intelligent Malware Prevention
The Trustwave SWG's multi-layered anti-malware engines comprise intelligent technologies that detect and block next-generation malware that evades other solutions. This helps maintain productivity, reduces costly desktop re-imaging and cleanup, and safeguards data from data-stealing malware.

Safe and Productive Web 2.0 Use
Granular Social Media Control, coupled with the multi-layered anti-malware engine, allows users to access Web 2.0 and social media without worrying about malware infection, data leaks and productivity loss.

Security for All Users, Regardless of Location or Connection
Available as a traditional appliance, virtual appliance, or hybrid deployment option (both on-premise and cloud based), the Trustwave SWG extends full security and policy control to remote and mobile users.

Single Solution for Security, Policy Control and Reporting
Regardless of the combination of deployment options used, organizations can manage their security and reporting solution easily through a single, central interface.

Data Loss Prevention (DLP)
SWG scans inbound and outbound communication and identifies data-stealing malware, including keystroke loggers, phishing attacks, Trojans and root kits. Furthermore, it creates policy, enforces rules, and makes it easy to prevent users from posting or uploading sensitive data to social media sites.

SWG enables integrating with other DLP solutions to extend the DLP capabilities. The combination of the SWG appliance and the DLP solutions provides organizations with a state-of-the-art solution that prevents the loss or theft of confidential information over the Web.

Regulatory and AUP Compliance
Simple, yet robust SWG reporting facilitates tracking and analysis of potential policy breaches or regulatory violations. Because the Trustwave SWG prevents data loss, it enforces compliance with regulations that require data security and integrity. Furthermore, SWG flexible mechanism of enforcement of security related policies and rules enables supporting various regulations.

Affordable Solution with Low TCO
SWG cost saving features include convenient, flexible deployment options, ease-of-maintenance, scalability, adaptable malware detection and remediation, a future-proof design and single, centralized management. These features offer high value at an exceptionally low TCO.

Robust, Flexible and Easy-to-Use Reporting
Trustwave SWG includes complete out-of-the-box reporting. For additional reporting capabilities, the Trustwave Security Reporter can be integrated with the Trustwave SWG to provide powerful, easy-to-use reports (templates or custom-built) for various recipients within an organization, real-time dashboards, and more.

> **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.

SC MAGAZINE AWARDS 2012 EUROPE WINNER

"The SWG offers a unique and very effective range of security measures against web threats. It is easy to deploy and configure, with the latest code adding a number of useful new features, including greatly improved reporting"

—Dave Mitchell, SC Magazine UK

Trustwave®
Security begins with Trust℠

Advanced Threat Protection

Real-time Code Analysis with Dynamic Web Repair

With Trustwave SWG Real-Time Code Analysis technology, customers are able to detect and block advanced, dynamic malware with precision and accuracy. As inbound and outbound web communication occurs it is dynamically analyzed and viewed by multiple malware engines to determine intent. These engines run in parallel providing the industry's fastest and most accurate performance, minimizing latency and virtually eliminating inaccuracies experienced by other security solutions.

- ▪ Detect and block advanced, dynamic malware from cross-component attacks
- ▪ Highly accurate detection rate of malicious code on HTTP and HTTPS webpages
- ▪ Fast detection and remediation for productive Web (and Web 2.0) use
- ▪ Comprehensive Web page analysis of both single and multiple component attacks

Zero-Hour Defense

Instead of blocking malicious content that matches a pattern, signature, or algorithm, Trustwave Vulnerability Anti.dote blocks malicious content that attempts to exploit known vulnerabilities (by detecting weaknesses before a patch is applied) — eliminating exposure to the threat. It is the only technology that provides true zero-hour defense against unpublished vulnerabilities.

Data Loss Prevention

Through granular social media controls, enterprises can freely open up access to social media sites knowing posts, comments or uploads are controlled and monitored. Additionally, the Trustwave SWG is the best solution for protecting against even the most complex threats designed to steal data, further securing sensitive information. This combination of granular controls and advanced protection prevents data loss to maintain acceptable use, simplify compliance of data-related mandates, and secure sensitive information. For those who already have a robust DLP solution, the Trustwave SWG is a full ICAP proxy, enabling direct communication with the DLP solution of choice.

Productivity

Application Control

With the Trustwave SWG, costs normally associated with excessive bandwidth consumption and malware related desktop remediation, are vastly reduced. Trustwave's Granular Social Media Control enables organizations to grant full access to those who need it and block posts, comments, or uploads for those who do not to sites like Facebook or LinkedIn.

Global policy control

Trustwave SWG extends the same level of on-premises security and policy control to mobile workers and branch offices. Ensures consistent real-time protection from dynamic Web threats to users regardless of their location.

Trustwave Web Filter List

Trustwave Web Filtering capabilities provides customers with an industry leading filtering technology with more than 100 categories for granular Acceptable Web Usage Policy enforcement. SWG also offers built-in integration with additional renowned vendors, like IBM and WebSense.

Content Acceleration/Caching

Content acceleration with built-in caching capabilities offers user fast Web page load time while remaining protected from malicious content, leading to a safe and productive workforce.

Management

Reporting

The Trustwave Security Reporter is a fast, high-performance, security reporting solution that provides complete visibility into an organization's Web traffic. It enables organizations to analyze Web traffic trends for remediation, execute proactive notifications, and review security analytics. It provides the largest data processing range available today.

Industry and Regulatory Compliance

Customers require solutions that demonstrate proof of compliance for industry and regulatory compliance. The Trustwave Security Reporter provides an easy-to-use interface, consolidated threat monitoring, and historic reporting with an extensive archiving capacity of up to 12 TB for proof of compliance.

Policy Exception Management

Trustwave SWG allows administrators to set policies in the system and assign them to users, user groups or specific IPs. Within a given policy, single users or groups of users can be defined as exceptions to the main policy. This ability streamlines the flow of defining users and corresponding rules, and eliminates the need to duplicate policies for fine-tuning the application of a rule.

Flexible Deployment Options

The scanning sever component of the Trustwave SWG is available on a number of platforms including traditional appliance, virtual appliance; cloud based virtual appliance and virtual appliance platform service.

These platform options can be mixed in a Hybrid Deployment with two important benefits: first full security can be extended to remote/mobile workers, second, flexibility in the deployment architecture allows a close fit with an organizations existing network infrastructure, geographic coverage, cost and resource requirements.
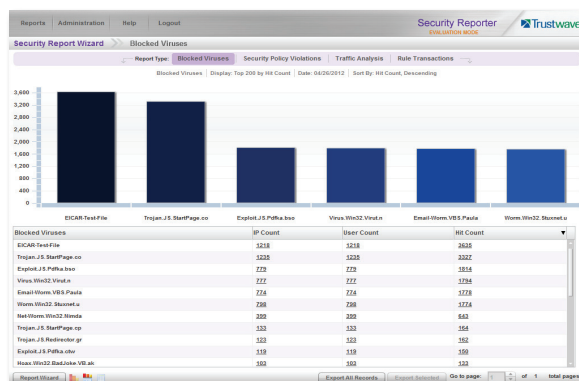
Secure Web Gateway Reporting Console

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.