

DATA SHEET

Trustwave Secure Web Gateway

► REAL “REAL-TIME PROTECTION” FROM ADVANCED WEB THREATS

Benefits

- **Real-Time Blocking of New, Unknown and Zero-Day Malware**
Multi-layered anti-malware and behavior-based engines allow you to protect your data without compromising user experience
- **Zero Malware Guarantee**
Trustwave is the only provider in the industry to offer a Zero Malware Guarantee for our managed SWG service
- **Superior Security and Control of Social Media and Web 2.0**
Improve productivity, enforce acceptable use policies and block risky downloads
- **Data Loss Prevention**
Scan outbound emails and attachments to provide full DLP level inspection to effectively managed confidential data and meet stringent industry requirements.
- **Advanced Threat Detection Capabilities**
Execute and observe malicious files in a safe environment for forensics, breach protection and threat hunting.

Trustwave Secure Web Gateway (SWG) is the only solution that reliably protects organizations from the million-plus new pieces of malware created daily. Only Trustwave SWG reliably blocks unknown malware in real time. Trustwave uses a Malware Entrapment Engine, which unpacks and assembles obfuscated malware exposing its malicious behavior.

Only Real-Time, Unknown-Malware Blocking Is Effective

With almost a million new pieces of malware released each day, the demands on web security gateways have increased exponentially. Instead of seeing one virus thousands of times, it is common for enterprises to now see thousands of viruses only one time each. No longer can enterprises get by just sending a few unknown downloads to an out-of-line sandbox for analysis and virus signature creation. The malware signatures may never be useful at the gateway, allowing potentially thousands of “patient zero” machines to get infected, leaving your company vulnerable to data loss, reduced productivity, remediation costs, fines and even reputational damage.

Only Trustwave Secure Web Gateway offers absolute protection from targeted malware – and even offers a Zero Malware Guarantee when we manage your SWG. It protects against dynamic, cross-component malware threats using real-time code analysis, analyzing the whole composition of a web page. Trustwave 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. Other web gateway solutions on the market can’t provide adequate protection against unknown malware in real-time that Trustwave’s Malware Entrapment Engine delivers first time and every time.

The Trustwave Managed Anti-Malware service dashboard provides snapshot and historical views of web usage and threats, malware detected and malicious activity blocked.

The Trustwave Managed Secure Web Gateway Service Offers Unique Zero-Malware Guarantee

Trustwave has a global network of security operation centers offering around-the-clock expert help to deploy, administer, and monitor your SWG. With Trustwave Managed SWG, your policy is always optimal and you benefit from a unique zero-malware guarantee. If any malware is shown to have made it past, Trustwave will add a free month to your subscription, up to once per quarter. Analysts say no other vendor offers a zero-malware guarantee. That is a huge vote of confidence in the protection provided by SWG.

Trustwave Malware Analysis Sandbox Service Option

Trustwave also offers an optional full-emulation Malware Analysis Sandbox which works in conjunction with our in-line Malware Entrapment Engine to provide the ultimate level of breach protection from malicious web pages, drive-by downloads, and executable files without compromising user experience.

Many companies use sandboxes - isolated environments to safely execute code and determine whether its behavior is malicious. Because sandbox analyses can take a lot of time, they are generally deployed out-of-line, which means malicious files may pass through while being analyzed in the sandbox environment. While this provides breach detection, it does not provide true protection against infections. Trustwave's Malware Entrapment Engine, combined with the Malware Analysis Sandbox option provides complete peace of mind at a reasonable price point.

Reduce Your Total Cost of Ownership

By reducing IT labor and productivity loss associated with malware remediation and breach costs, Trustwave SWG has among the highest ROI (return on investment) of any secure web gateway. Additional efficiencies include convenient, flexible deployment options, ease-of-maintenance, future-proofing scalability, and centralized management. Trustwave Managed Services can even administer the SWG for you, accelerating deployment and reducing headcount dependencies.

Robust Features and Benefits

Real-Time, Inline Blocking Of New, Zero Day and Unknown Malware	<p>Multiple engines, including the Malware Entrapment Engine and Malware Analysis Sandbox, unpack and assemble malware, block exploits and malicious behaviors on web pages and Java applets.</p> <p>Reduce costs and stress associated with breaches and clean up.</p>
Application Control	<p>Granular control of interactions users have on social media sites, such as limiting their actions to read-only. Protects and enforces acceptable use.</p> <p>Improve productivity and protect the brand.</p>
Inspect and Validate SSL Traffic	<p>Allows malware inspection and policy enforcement of encrypted traffic.</p> <p>Help prevent malware from sneaking in via encrypted pathways.</p>
Trustwave Security Reporter	<p>Consolidated threat monitoring, granular visibility into web traffic and historic reporting with an extensive archiving capacity.</p> <p>Easily and quickly investigate threats to your environment and report on risky web use. Reporting with an extensive archiving capacity.</p>
Advanced Web Filtering	<p>Filtering policy enforces acceptable use, blocks risky downloads from high-risk web sites and provides native support for the HTML5 standard.</p> <p>Improve productivity, reduce HR risk, and legal liability.</p>
Data Loss Prevention	<p>Pre-defined data loss prevention definitions include Payment Card Industry Data Security Standard, Personal Health Information, Personally Identifiable Information and custom rules are easily created.</p> <p>Keep sensitive information safe and discover breaches more quickly.</p>
Extensible, flexible deployment options	<p>Virtual appliance, hardware appliance, blade server, cloud-based enforcement, and managed service options.</p> <p>Control cost and labor requirements.</p>

These platform options can be mixed in a hybrid deployment with two important benefits. First, security can be extended to remote and mobile workers. Second, flexible deployment architectures allow a better fit with an organization's existing network infrastructure, geographic coverage, budget and IT security staff resources.

