smoothwall®
The Web You Want

09|2012
Product Datasheet

Secure Web Gateway

VIPRE ANTI-MALWARE FEATURES	BENEFITS
VIPRE Anti-Malware Engine (Note: subscription payable)	Uses heuristic, behavior and pattern-based technologies, alongside the fastest emulation technique available (MX-V™) which protects users from unidentified or new variants of malware.
Next Generation Anti-Malware	New codebase delivering high speed threat scanning using an advanced technology stack with low impact on CPU and memory.
Real-time behavioral analysis technology	Protection against known and unknown “zero-day” malware threats by using proprietary detection methods which include; traditional signature-based, behavioral analysis, heuristics and most importantly dynamic translation.
Certification	VB100 and Checkmark Certified with exceptional detection rates and fast updates.
MX-Virtualisation™ (MX-V)	The fastest most adaptable Dynamic Translation technique for malware analysis which analyses potential threats by observing their behavior in a safe virtual environment.
Genscan™ and Cobra™ heuristics	Dynamic pattern assessment to determine if a source is malware.
ThreatTrack™	Data feeds of the latest harmful URLs identifying malware hosts and phishing sites.
SteadyStream™	Real-time live threat data integration with continuous and compact updates at least once an hour.

WEB FILTERING FEATURES	BENEFITS
Dynamic Content Analysis™	Screens the content, context and construction of web pages in detail, accurately detecting and blocking all objectionable, inappropriate, hidden or malicious content (including anonymous proxies).
‘Who, What, When, Where’ Policy Tools	True ‘who, what, when, where’ filtering with flexible user, group, time and location based controls.
SSL interception	Allows all unknown secure traffic to be decrypted and inspected (using Dynamic Content Analysis), so harmful HTTPS/SSL content (including SSL proxies) can be effectively blocked even in transparent proxy mode.
Time Quotas	Allow users an amount of browsing time without specifying when. Ideal for variable shifts and flexible work patterns.
Central Management	Monitor and manage multiple boxes from a single interface. Useful for clusters or distributed infrastructure.
Unified Policy Tools and Wizards	Unified, easy to use policy setting tools with policy and configuration wizards. With unlimited groups and ‘per user’ policies and the ability to combine policies with multi-group membership.
‘Quick Block’ and ‘Quick Allow’	‘Quick Block’ and ‘Quick Allow’ buttons for fast one click fixes
Advanced Categorization	Add-to-category functionality allows in-built categorisation to be adjusted with ease. Enhanced real-time categorisation - delivers higher accuracy, better reporting and fewer over-blocks
‘Soft-blocking’ per content category	Delivering a better user browsing experience without compromising safety, security or control.
Flash filtering	Screens actual SWF file code to accurately detect and block undesirable Flash content such as online games and video players.
Customisable URL blocklists	Current, categorised and customisable URL blocklists control access to a pre-defined list of undesirable websites.
Internet Watch Foundation	Blocklists are updated daily with IWF datafeeds.

WEB FILTERING FEATURES	BENEFITS
Outbound (web post) monitoring & blocking	Monitors and blocks text posted on the web (i.e. inappropriate blog / forum / Social Networking / Twitter posts) using a keyword analysis system.
Whitelist mode	Users can only access a customised list of 'allowed' sites.
Temporary 'Banned User' list	Ban selected users until a selected date or time and run reports with lists of 'banned users' and the duration of their bans.
Manage MIME, file extension and download size	Filtering policies can be set to manage specific file types, and limit download sizes.
Block advertising and cookies	Advertising and cookies and be automatically blocked.
Policy based controls	Different filtering policies can be created and set for different groups of users, in accordance with organisation policy or the AUP.
Logging, filtering and censoring of Instant Messenger applications	Control and monitor the use of Instant Messaging applications. IM file transfers and attachments can be logged or blocked and selected words or phrases can be censored and set to trigger alerts with reponses sent direct to users' messaging clients. Encrypted Instant Messaging is also supported.
SWURL Devolved Personal Block/Allow List Management	SWURL allows specified users to manage their personal block/allow list via a portal - enabling miscategorised content to be accessed whilst being logged.
YouTube.com/education Channel Support	Allows access to youtube.com/education channel without removing restrictions on other YouTube content.
Search engine filtering	Filter, monitor and report upon search terms used and force "safe search" on popular search engines.
Temporary bypass controls	Block page includes password protected options to bypass the filter on a temporary basis.
Configurable 'Site Blocked' page	'Site blocked' page can be customised to include a logo, message text, a reason for blocking, un-block buttons, IP address and username.
'Softblock' option	Instead of automatically blocking inappropriate content, users are issued warning messages about content and given options to either continue or cancel.
Stealth mode	Web pages are filtered and logged as normal, but are not blocked, allowing administrators to monitor activity without affecting users (useful when testing a new installation as it allows the filtering rules to be fine-tuned before 'going live').
Flexible request and content modification	Modify web page requests and content 'on the fly' to enable neutralisation of malicious JavaScript and other web threats.
Web proxy cache	Reduce bandwidth utilisation by storing and retrieving frequently accessed web pages from local disk storage.
Default 'safe' configuration	Guardian can be installed with a default 'safe' configuration which filters out a standard range of illegal and objectionable content. Note: Guardian's default 'safe' configuration matches the requirements of CIPA and BECTA standards.
Mobile Device Filtering	Mobile Guardian allows many devices (iOS,OSX,Windows) to be actively filtered and controlled according to the organization's policies in or out of the home network. Android will be supported during 2012.
Guest Mobile Device Filtering	Guest devices can be accomodated on the network and filtered according to the organization's policies.

AUTHENTICATION FEATURES	BENEFITS
Integrates with User Authentication systems including, AD, Novell etc	Control access based on authenticated identity as opposed to assumed identity derived from a computer's IP address. Supports Apple and other mobile devices.
Multiple filter groups	Different filter policies can be allocated to up to 100 different groups of users. Particular users can also be configured to not be subject to any filtering at all.
Transparent proxy mode	System administration is simplified with support for NTLM authentication in transparent proxy mode; which avoids the need to configure proxy settings for each user computer.

Password-protected authentication	The use of NTLM with password verification provides seamless single sign-on without the need for users to log into Guardian or enter their ID/ password again.

REPORTING FEATURES	BENEFITS
Built-in report templates	Users can create, customise and save their own report templates and utilise an extensive range (300+) of report templates. Report options include site-specific reports (e.g. YouTube top viewed videos) and IM reporting (time spent messaging and chat friends per user).
Drill down to a single user or IP	Reports include the user name and IP address of the user PC so AUP violators can be quickly identified. A drill-down facility allows data to be explored to a greater depth - e.g., from a list of blocked sites that users have attempted to access, drill-down to find out which users have been trying to access any particular site. It is possible to view the entire browsing history (including time spent browsing) of a single user.
Automated reports	User-specific reports can be automatically time-scheduled to run on a daily or weekly basis. Reports can also be automatically saved or distributed to recipient lists via email.
AJAX real-time logs & traffic graphs	View web activity instantaneously, with the option to filter by user name, IP address, web site, category or group.
Export into PDF, HTML, Excel, Crystal Reports®	Reports can be produced in a range of formats for ease of viewing (with pie charts/graphs) and to aid integration with existing systems.
User portal	Selected users (or groups of users) can be given access to a seperate Guardian interface specifically for viewing reports/logs, controlling temporary bans and downloading SSL VPN clients.
Reports on domains and categories	Report on top domains, categories, page visits and offenders based on user, group and/or IP address.
Group/aggregate reports	Automatic data aggregation from multiple remote systems provides district wide reporting.
Incident alerts	Alert messages can be sent by both email and SMS text message to cell (mobile) phones for issues requiring immediate attention.

OPERATION FEATURES	BENEFITS
Optional Bridge Mode (Transparent Inline Proxy) SWG Appliance Only	'Drop in' deployment - allows the appliance to be deployed inline between a switch and a perimeter firewall for ease of installation and configuration.
Rate limiter by URL	The speed or rate at which the proxy server can download information from the Internet can be limited. Bandwidth use can also be limited for specific URLs.
Support for browser autoconfiguration files	Provides WPAD (Windows Proxy Auto-Detection) and PAC file support, for automatic configuration of proxy settings in client browsers.
Hardware healthcare alerts	Notifications about system resource issues (eg low disk space, high memory use, high CPU loads, UPS failures).

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