BLOXX SECURE WEB GATEWAY

The Bloxx Secure Web Gateway (SWG) combines all the features from our Web Filter with industry leading Sophos behavioral technology, to provide unsurpassed filtering and protection against inappropriate content and advanced malware protection to minimize Web-based security threats.

The Bloxx SWG will help you to:
- ✔ Reduce risk
- ✔ Improve gateway security
- ✔ Increase user productivity
- ✔ Reduce IT management time
- ✔ Increase compliance
- ✔ Reduce costs

Why you need genuine real-time content analysis

With nearly 100 new websites being created every minute Web filters relying solely on URL lists and keyword scanning, are no longer fit for purpose and don't provide the real-time protection organizations require to manage the risks presented by the Web.

Whether it's employee productivity being reduced, malware being delivered onto the network, or users viewing inappropriate content, the Internet can present multiple risks to organizations. To effectively address these risks you need a dynamic Web filtering solution.

WHY BLOXX?

- ✔ Real-time dynamic content analysis and categorization
- ✔ Full SSL content inspection
- ✔ Gateway security
- ✔ Enforced safe search
- ✔ Real-time search alerts
- ✔ YouTube for schools integration
- ✔ Flexible policy management
- ✔ Social media controls
- ✔ Bandwidth control
- ✔ Customisable reporting
- ✔ Mobile device filtering
- ✔ AUP management controls
- ✔ Unlimited technical support
- ✔ Multiple deployment options
- ✔ Online training platform

BLOXX™

CONTENT FILTERING & POLICY MANAGEMENT

Genuine Real-Time Content Analysis & Categorization for Zero-Second Protection

The Bloxx SWG uses a patented content analysis and organizations engine, Tru-View Technology (TVT), to accurately classify fifty categories of Web content in real-time at the point the Web page is requested.

This approach eliminates latency, reduces over and under blocking and delivers zero second filtering and protection for new or modified Web pages. And to ensure that the filtering fits your environment, you can adjust the sensitivity of TVT to customize the organizations.

To provide additional protection and flexibility, the Bloxx SWG employs an optimized URL database that is updated every 24 hours and user-configurable URL and page keyword analysis.

Advanced Malware Protection

Sophos Genotype technology uses advanced detection techniques that detect 80% of new malware without the need for updated signatures.

To provide another layer of security and to minimize risks from drive-by and phishing attacks, the Bloxx SWG provides protection using a continually updated block list which contains the latest information on phishing sites and spyware sites. These lists work in conjunction with the Sophos Threat Engine, to deliver unrivalled protection.

What's more, the Bloxx SWG uses advanced Web malware scanning technology to block malicious code and threats at the gateway before it's passed to the browser. Real time content reassembly with JavaScript emulation and behavioral analysis catches even the most advanced zero-day threats without latency or performance impacts.

SSL Content Inspection

The Bloxx SWG uses an advanced SSL Proxy, SSLI, to intercept and decrypt SSL traffic to provide protection against HTTPS traffic, encrypted anonymous proxies and malware. For flexibility, you can configure SSLI to not decrypt sensitive traffic such as online banking.

Social Media Controls

Social media controls lets you provide access to popular social media sites such as Facebook, Twitter and Instagram, but restrict the ability for users to post updates to the site.

Bandwidth Control for Streaming Media Sites

Bandwidth resources remain precious. With the bandwidth control feature, you can quickly gain control over bandwidth hungry websites such as YouTube and Vimeo.

Restrict Content

To provide further protection you can block access based on file extension, MIME type, page size and flash content

Enforced Safe Search and YouTube for Schools

The Bloxx SWG lets you automatically enforce safesearch on all major search engines. In addition, you can direct user requests for YouTube to educationally relevant content on YouTube for Schools.

Flexible Policy Management

The Bloxx SWG uses an advanced but flexible policy manager that allows you to easily create and manage access policies. This means you can easily implement different policies based around the specific Web access requirements for users and groups. In addition you can create policies based on time of day, usage quotas or empowering users to determine if they should view specific content.

CUSTOMIZABLE REPORTING

Improve Compliance with Comprehensive Reporting

The Bloxx SWG includes a powerful and easy-to-use Web Reporting application, as standard, which enables you to quickly create and schedule a wide range of reports on Web access within your organization. A comprehensive set of predefined reports are included which can be easily customized to meet your own requirements. Reports are viewable in any Web browser and can be viewed, printed, emailed or exported.

In addition, you can connect the reporting databases to a range of different external databases, including MS SQL and Oracle.

With Bloxx Web Reporting, you will
- ✔ Reduce IT management time
- ✔ Improve insights into web activity
- ✔ Resolve problems faster
- ✔ Improve AUP enforcement
- ✔ Document evidence of web use

Flexible Reports

Flexible Reports expands the extensive reporting capability and lets you create reports based on the way you want to view your logged data. It provides direct access to the Traffic and Users/Groups/Policies databases and lets you quickly and easily create, preview and run reports.

Search Alert Reports

Search Alert Reports enables you to easily create real-time email notifications to proactively monitor the search terms being used via search engines or in YouTube. This allows you to quickly identify risky behavior and take appropriate steps to manage the risk.

AUP Management

To ensure that your users have accepted your organization's acceptable use policy, the AUP Management feature lets you automatically present an AUP acceptance page to users. To ensure compliance, all acceptances are logged and can be reported.

ONGOING TRAINING & TECHNICAL SUPPORT

Your Bloxx solution includes unlimited technical support with our in house Bloxx engineers via our service portal, phone, email or live chat. All of our engineers are technically adept with extensive knowledge on our product range.

Bloxx eCampus is our online, on demand training platform available for you and your team. Here you'll find extensive audio and video modules and a training programe to enable you to become Bloxx Certified.

FLEXIBLE & RAPID DEPLOYMENT

Superior Deployment Options
The Bloxx SWG is simple and straightforward to deploy and has unrivalled flexibility allowing you to effectively integrate the solution into your existing network.

With multiple software and physical proxy ports and out of the box VLAN support, combined with an extensive range of authentication and identification options, the Bloxx SWG will seamlessly filter any domain or BYOD devices connected to your network. And with advanced clustering and dedicated reporting solutions, Bloxx can scale to deal with massive networks and data retention requirements.

The Bloxx SWG is available as a hardware or virtual appliance for VMWare or Microsoft Hyper-V.

Automatically Track Users and Groups
Using your existing network directory server the Bloxx appliance will mirror your users and group association automatically. This means that you only need to make a change on your directory server and the Bloxx SWG will mirror any changes you have made. The SWG has multiple ways to identify who is making a web request, seamlessly or via a user authentication challenge – the choice is yours.

Single Sign On for BYODs
Single Sign On using RADIUS Accounting or Microsoft Network Policy Server (NPS) provides a quick, simple and effective way to deliver accurate and relevant filtering capability for your BYOD users' web browsing.

Google Authentication
Google Authentication allows you to set up an authentication policy based on Google user name and password as opposed to NT, LDAP or local authentication. This allows you to create filtering policies for Chromebooks or other devices you are authenticating using Google.

Enforce Filtering Policies for Mobile Devices
The Bloxx mobile clients for Windows and OSX can be used in conjunction with the Bloxx SWG to extend filtering and protection for mobile devices. This ensures that your access policies are enforced for remote and mobile users.

Outstanding Resilience and Scalability for Large Deployments
To deliver maximum availability, increase resilience and optimize performance, Bloxx can be configured in Cold Standby, Fail Over or Load Balanced. In addition, appliances can be clustered together to improve performance and to reduce management complexity.

RELATED READING

Web Filter Datasheet
Email Filter Datasheet
SSL Intercept Datasheet

Single Sign On Datasheet
Hardware Specifications
Virtual Specifications

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