

## INTERNET FILTERING

### Dynamic URL Categorization

- Utilizes a filter with over 25 million sites grouped in 90 categories that can be permitted or blocked.

### Real Time Proxy Detection

- Offers dynamic blocking of proxy servers based on analysis of network traffic.

### Safe-Search Mode

- Enforces safe search settings on a network-wide basis—regardless of the user's browser settings.

### Search Engine Cache

- Applies Web content filtering policies by examining the destination of the image thumbnails, further protecting users from inappropriate content that is otherwise difficult to detect.

### File & Extension Blocking

- Filters Web content by file types, limiting the types of data users are permitted to download.

### Granular Web Site Control

- Permits overriding of broad categorization of specific sites, allowing the fine tuning of allowed or blocked sites—down to the page level. For more granular control, sites are categorized in multiple categories. If a site is blocked in one category, but allowed in another, a "trust" setting is available to always allow the site.

### Streaming Media Blocking

- Blocks all types of streaming media, while allowing a user to selectively permit focused media content.

### Instant Messenger Blocking

- Blocks most popular types of instant messenger clients on a profile basis.

### Flexible User Discretion

- Allows permission or discretion to be provided to profile managers to override sites within specific Website categories.

## YOUTUBE FILTERING

### Select Viewing of YouTube Videos

- Without allowing all content on youtube.com, view a select YouTube video or channel (including all sites linked on the page) by allowing a single URL.

## ANYWHERE FILTER

### Mobile Filtering

- Enforces your policy on your mobile devices when used off-network. Works with Apple iPad®, iPhone®, and iPod touch®; Mac OS® X (10.4.2 or later); and Windows® 32- & 64-bit XP/Vista/7.

### Protection from Public WiFi Signals and Personal Hotspots

- Prevents students using school-owned devices from dodging your filter through public WiFi or personal hotspots.

### Secures Staff Laptops

- Protects your network by securing school-owned mobile devices from malware and phishing sites.

## PEER-TO-PEER DETECTION AND BLOCKING

### Peer-to-Peer Blocking & Monitoring

- Provides dynamic monitoring and restriction of most popular peer-to-peer protocols by reviewing all network traffic.

### TorPark/XeroBank

- Incorporates TorPark control into the suite of detectable peer-to-peer protocols to fix the security issues these browsing proxies and anonymizers introduce.

## INTEGRATED FIREWALL

### Predefined Rules

- Allows the quick setup of firewall rules for many popular applications and protocols, all without understanding the details of each protocol.

### VPN Pass-Through

- Supports the definition of VPN pass-through rules for popular VPN protocols, such as IPSec, PPTP, and L2TP.

### Locked Down by Default

- Restricts all communication in or out of a network. Explicit definitions to selectively permit access helps to manage a network and bandwidth.

### Temporary Rules

- Enables and disables rules on demand, eliminating the need to constantly redefine infrequently-used rules.

### Port Forwarding

- Allows the definition of specific port forwards for applications that are not predefined.

### IP Translation/Outbound

- Supports network address translation (NAT), providing increased security and control of a network's resources.

### Deep, Stateful Packet Inspection

- Tracks communication from end-to-end (instead of examining each packet without regard to its context) to increase network protection from common vulnerabilities.

# TECHNOLOGY @ a Glance

## Global Chalkboard

### AUTHENTICATION

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#### IP-Based

- Applies filter profiles to specific IP addresses or ranges within a network.

#### Login-Based

- Assigns filter settings based on browser-based logins, restricting all access until the user is authenticated.

#### Directory Services Integration (Novell, Microsoft Active Directory, Open Directory)

- Provides filtering based on the user's or workstation's LDAP attributes, such as user name, group, or organizational membership.

### REPORTING

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#### Workstation Reports

- Shows workstation usage by Lesson Name, Learning Zone, those set by Users, and those using the Lesson Login method.

#### Lesson Reports

- Shows usage for lessons by Grade, Category, Users or Learning Zone.

#### User Reports

- Lists users and their lessons or learning zone access.

#### Access Reports

- Shows usage based on requests such as most popular destinations and most active workstations and lessons.

#### A 'Reports Only' Global Chalkboard User

- Provides the ability to create a User Account for a Reports Only User which is beneficial for a School Administrator that needs access only to the Global Chalkboard's Reporting function.

#### Reporting-LDAP-based Directory Services

- Integrates with LDAP-based directory services—such as Novell eDirectory, Microsoft Active Directory, or Open Directory—to add Object Names to reports.

#### Firewall Traffic Reports

- Logs specified network access requests.

### FLEXIBLE SETUP

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#### Internet Gateway

- Supports WAN connections up to 100MBps with configuration support for static IP, DHCP, or PPPoE.
- Supports 1 or 2 LAN connections, providing built-in routing and segregation for multiple physical local area networks.

#### Proxy Only

- Works as a Web proxy server without interfering with your existing LAN configuration.

#### Transparent Bridge (with or without Firewall)

- Filters network traffic while leaving existing router and configuration in place.

#### SMARTrecover Framework™ (High Availability Solution)

- Pairs two appliances to provide failover protection against network disruptions caused by critical hardware or software failures.

#### Acceptable Use Policy Splash Screen

- Allows schools to create a WiFi hotspot for a portion of their network.

### INTEGRATED WEB CACHE

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- Provides network-wide Web caching (including YouTube videos) to save bandwidth and increase performance.

### IP MULTICAST SUPPORT

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- Supports PIM and IGMP to receive multicast streams.

**For a demonstration of the Global Chalkboard, please call BASCOM toll free at 1-888-922-2726.**