

TECHNOLOGY @ a Glance



Highlighted Features of Patronus*

*This is NOT a complete list of all Patronus features.

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.

Safe-Search for Google Images and Search Engine Cache

- Applies Web content filtering policies to Google's image search 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.

Streaming Media Blocking

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

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.

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.

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.

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.

AUTHENTICATION

IP-Based

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

Login-Based

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

Directory Services Integration (Novell, Microsoft Active Directory)

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

REPORTING

Workstation Reports

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

Profile Reports

- Shows usage for profiles by Users or Access Zone.

User Reports

- Lists users and their profiles or Access Zone.

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Access Reports

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

A 'Reports Only' User

- Provides the ability to create a Reports Only User that needs access to the Reporting function only without needing to use the system to set Internet access controls.

Reporting-LDAP-based Directory Services

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

Firewall Traffic Reports

- Logs specified network access requests.

FLEXIBLE SETUP

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.

URL Filter Server

- Implements popular filter protocols for simple integration with Cisco® routers.

Transparent Bridge (with or without Firewall)

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

Acceptable Use Policy Splash Screen

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

INTEGRATED WEB CACHE

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

IP MULTICAST SUPPORT

- Supports PIM and IGMP to receive multicast streams.

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