

## ProxySG™ 400 Series



The Blue Coat ProxySG enables organizations to keep “good” employees from doing “bad” things on the Internet. The ProxySG provides visibility and control for today’s risks that include:

- Network resource abuse due to P2P file sharing, video streaming, and other unsanctioned applications
- Viruses and spyware introduced via backdoors when using P2P, Web email and Instant Messaging (IM)
- Legal liability and productivity loss as a result of inappropriate Web surfing

The ProxySG 400 Series provides small enterprises and remote offices a 1U rack mount proxy appliance with secure remote administration features. The 400 series is purpose-built, providing flexible control with high-end performance with 512MB of memory and 80GB of disk capacity. Utilizing a custom, object-based OS with integrated caching for performance, organizations can advise, coach, enforce granular policies down to individual users.

***“Blue Coat is the product of choice for secure proxying of outbound connections.”***

*– Gartner, June 2003*

### ProxySG™ Solutions:

#### Web Proxy

High-performance, scalable replacement for upgrading existing proxy servers.

Supports the following protocols:

- HTTP
- HTTPS
- FTP
- Telnet
- SOCKS
- P2P
- AOL IM
- Yahoo IM
- Microsoft IM
- MMS & RTSP
- QuickTime
- TCP-Tunnel

#### Content Filtering

Integrated URL filtering gives IT staff control over access to inappropriate Web content. Support for major filtering vendors and custom categories with unmatched speed.

#### Instant Messaging Control

Method-level controls to manage and log all popular public IM formats including AOL, MSN and Yahoo!

#### Web Virus Scanning

Integration with ProxyAV™ with a choice of virus engines allows scalable, real-time virus scanning of Web content.

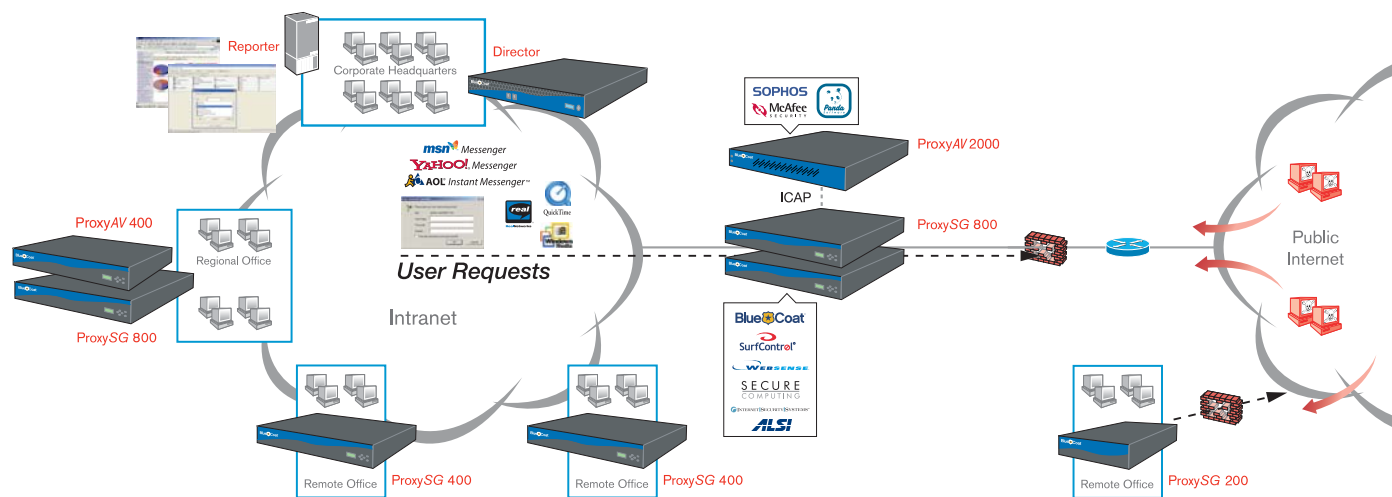
#### Content Security

Keep Malicious Mobile Code off the network, control peer-to-peer (Kazaa, Morpheus, etc.) traffic, and manage Web email traffic.

#### And More...

See Blue Coat TechBriefs for additional ProxySG application and control solutions:

[www.bluecoat.com/resources](http://www.bluecoat.com/resources)



The ProxySG 400 is ideal for remote locations to inspect, control, and log Web application traffic entering or leaving the network.

## Performance and Reliability — SGOS

The purpose-built ProxySG appliance provides flexible control with wire-speed performance allowing a company to advise, coach and enforce granular policies down to individual users. Key SGOS and platform highlights include:

Secure object-based operating system with small footprint

High-speed Web caching with advanced object pipelining and adaptive refresh

Extensible hardware options including disk capacity, pass-through network card, memory and SSL acceleration card

Network functionality including:

- Active/Active bridging support using virtual IP addressing for failover and remote installations

- Routing configurations for gateway, route tables, RIP, DNS, and WCCP
- Health checks performed on a forwarding host or external servers to verify status and availability of device
- Configurable Time Services (UTC, NTP)
- 19" Rack mountable chassis

### Integrated support services

- View & submit service requests via the Blue Coat management interface
- Send snapshots (trace files) to Blue Coat Support Services for faster resolution

## Manageability — Policy Processing Engine

The patent-pending Policy Processing Engine enables sophisticated security triggers based on individual users, groups of users, time of day, location, protocol, hostname user agent, content type and other attributes to initiate policy actions. These comprehensive capabilities include:

### Powerful management interface

- Web-based management interface
- Optional command line interface
- SSH v2 and SSL/TLS administration
- Alerting via SNMP, SMTP and logging administrative events

### Comprehensive policy definitions

- Three policy files with settable evaluation order
- Graphical Visual Policy Manager with layered policy definitions
- Definable triggers and actions for policy definition

### Content Policy Language (CPL)

- Create custom text-based policies to address unique policy requirements

- Built-in text editor for CPL allows sample code to be copied and pasted from Blue Coat TechBriefs or Support Services advisories

### Authentication

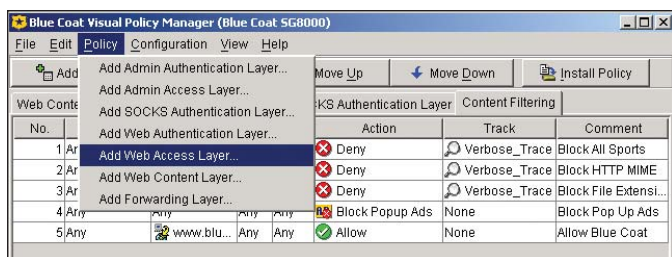
- Utilize a company's existing authentication source including local password files, NTLM, LDAP (Active Directory, eDirectory, SunOne), Netegrity Siteminder, Oblix, RADIUS and certificates
- Multi-realm authentication sequencing
- Forms-based authentication support

### Extended Management with Director

- Distribute, backup, restore policy files for multiple ProxySG appliances
- Manage policies by device, group, or region
- Job scheduling/job status reporting

## Control — Proxy Services

The ProxySG provides a layered policy approach allowing companies to balance their Web communication needs with current business and Internet risks. The ProxySG provides unmatched flexibility and scalability.



The Blue Coat Visual Policy Manager enables administrators to easily implement simple or complex Internet use policies.

### Proxy support for multiple protocols

- HTTP, HTTPS, FTP, Telnet, SOCKS, P2P, AOL IM, Yahoo IM, Microsoft IM, MMS, RTSP, QuickTime, TCP-Tunnel, DNS
- Compression services (HTTP + TCP)
- Bandwidth management on all proxy services

### Content Filtering

- On-proxy support of leading URL lists, popular regional lists, custom lists, or custom categories
- Performance gains through integrated caching

### IM Logging and Controls

- MSN, Yahoo!, AOL Messengers
- Method level control settings
- IM reflection for privacy

## Visibility — Management Reporting

Visibility is the key to managing employee Web communications in the enterprise. Blue Coat provides the tools needed to log and track user interactions over the Internet and across corporate boundaries.

### Default logging

- HTTP, HTTPS, FTP, Telnet, SOCKS, P2P, TCP-Tunnel, ICP, IM, Windows Media, Real Media, QuickTime, DNS
- Global log file limits and upload sizing
- Client upload settings and scheduling

### Custom logging and trace files

- Selectable fields/text/log formats

### Secure log transport off box

### SNMP Support

- Trap settings, community strings

### Statistics

- System usage
- HTTP/FTP history
- IM data
- Streaming history
- Resources
- Efficiency
- SOCKS client, connections, bytes

### Content Security

- Block active content
- Strip and replace Web content

### Web virus scanning

- ProxyAV integration with ProxySG
- Unmatched scalability and performance
- Choice of anti-virus engines

### P2P file sharing controls

- Log and block P2P traffic
- Control BitTorrent, eDonkey, Gnutella, and FastTrack

### Spyware Prevention and control

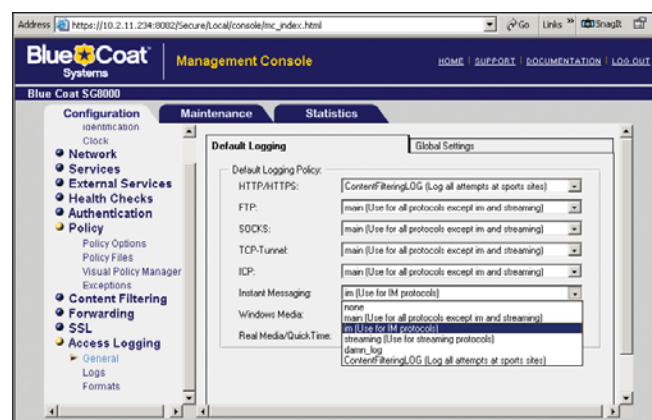
- Block spyware while allowing legitimate applications, plus page views
- Control pop-ups and phishing scams

### Streaming controls

- MS, Real, QuickTime
- Stream splitting & caching

### SSL Termination & Reverse Proxy

- Application front-ending (e.g. MS OWA, CRM/Siebel, Lotus Notes), with optional SSL off-loading
- Application acceleration to remote offices



Logging can be enabled for multiple protocols with standard or custom log formats.

### Aggregate ProxySG logs with Reporter

- Predefined report capability by user, network, security, IM, Top-10 summaries (50+ defined reports)
- Secure browser access/role-based viewing
- User/session tracking/monitor by category
- Stream logs aggregation with scheduled email reports

## Blue Coat Support Services

Blue Coat supports its products with an outstanding customer support program. All Blue Coat products come with a 90-day software and one-year hardware warranty. Support services include a WebPower password enabling access to the following:

- Online access to open technical support cases, review open cases, and add comments to existing cases
- Exclusive support documentation, installation notes, and FAQs
- Blue Coat Instant Support provides an online self-service portal for your technical needs, and our online TechBriefs review popular protocol and application solutions for a quick start on common configurations with ProxySG.

Platinum Service: 24X7 Technical phone support, Advance hardware replacement\*, software updates

\* Hardware will be shipped same day when RMA Requests are received during regular business hours and deemed necessary by Technical Support before the RMA cut off time.

## Blue Coat Training

Blue Coat provides educational services and technical training (basic to advanced) by certified and experienced ProxySG trainers enabling administrators to become fully proficient on all aspects of the ProxySG appliance. All courses are replete with real world examples and feature extensive hands-on lab exercises.

Each student will learn to install, configure and troubleshoot all features and functions of the ProxySG. Please refer to the following Web link for training times, locations and cost:

[www.bluecoat.com/resources/training](http://www.bluecoat.com/resources/training)

Blue Coat channel sales partners are also certified on ProxySG to provide field services. Our partners attend Instructor-led courses as well as monthly online training on the latest ProxySG features and solutions. Look for and ask about Blue Coat certifications.

### Configuration & Specification Chart

	Model 400-0	Model 400-1
<b>System</b>		
Disk drives	1 x 40 GB IDE ATA-100	2 x 40 GB IDE ATA-100
RAM	256 MB	512 MB
Network Interfaces	(2 on board) 10/100 Base-T Ethernet, optional SSL acceleration and HW bridging cards	
<b>Operating System</b>		
	SGOS	
<b>Operating Environment</b>		
Power	AC power 100-240V, 50-60Hz, 2A	
Temperature	5°C to 35°C (41°F to 95°F)	
Humidity	Less than 90% relative humidity, non-condensing	
Altitude	Up to 3048 M (10,000 ft)	
<b>Dimensions and Weight</b>		
Enclosure	19" Rack-mountable	
Height	43.7 mm (1.72 in); 1 rack unit	
Width	443 mm (17.4 in)	
Depth	350 mm (13.75 in); mounting depth	
Weight (maximum)	7.1 kg (15.6 lb)	
<b>Regulations</b>		
Emissions	FCC Class A, EN55022 Class A, VCCI Class A No.1706609	
Safety	CSA C22.2 No. 950 M95, UL 60950 3rd Edition, EN60950	
<b>Support</b>		
	Standard warranty: 90-day software & phone support with 1-year hardware support; extended and upgraded support plans available	

