



ProxyAV prevents viruses, trojans, worms, malware, and spyware from entering your organization via the Web. Gateway anti-virus scanning secures rogue channels such as personal Web email and Web downloads. ProxyAV, integrated with Blue Coat ProxySG™'s world's fastest caching, accelerates AV gateway performance with a scan-once-serve-many-times architecture. ProxyAV represents the next generation in high-end appliance platforms for enterprise Web AV.

## FEATURES

### Scalability and Performance

- > ProxySG processes Web objects at wire speed with integrated caching (up to 400 Mbps, 7 msec latency)
- > ProxyAV only scans Web objects forwarded from the ProxySG for improved performance
- > ProxyAV focuses CPU processing on virus scanning using heuristics to maximize throughput
- > ProxyAV provides load balancing and clustering of multiple ProxyAV appliances for enterprise scalability
- > Granular policies and method-level controls in the ProxySG stop worm outbreaks where virus signatures fall short (e.g., spIM buddylink)
- > Active/active bridging provides failover support on the ProxySG and allows the addition of multiple ProxyAV appliances for future growth
- > Enhanced processing architecture

### Ease of Deployment & Administration

- > Purpose-built appliance solutions from a single vendor; designed, tested and manufactured for compatibility.
- > Blue Coat's ProxySG and ProxyAV appliances communicate using an enhanced and optimized version of ICAP, enabling superior performance, reliability, and error/exception handling over software-based ICAP servers.
- > Virus updates to the ProxyAV are automated with definable time frequency settings, and cached content is automatically cleared with each update.

- > Administrators can define default or custom locations for signatures and virus engine updates, and configure behavior of ProxyAV upon license expiration.
- > Configurable options for scanning files include: set time-out duration, drop file if errors in scanning occur, and define trusted sites.
- > Heuristics fingerprint recurring files as infected or clean for non-cacheable content to improve efficiency.
- > Administrators can apply allow/deny lists with extensions along with file size and content type restrictions.
- > Customized alerts can notify administrators when a virus is found, AV updates are successful, AV updates fail, subscriptions expire, files are dropped, or files pass without scanning.
- > Log files can be customized using standard logging formats and sent off-box via TCP or UDP for processing.
- > Health checks from ProxySG to ProxyAV verify status and availability of appliances.
- > New firmware updates and release notes are sent to ProxyAV for administrator approval and installation.

### Layered Security

- > Choice of proven antivirus engines with automated updates
- > Utilizing ProxySG for control over Web communications for both outbound requests and content replies provide added protection beyond virus signatures and patterns.
- > Implements three key methods to control Web communications - the ProxySG

controls "transport" and "content", while the ProxyAV provides "signatures".

- > Enforce ProxySG policies to control Web communications upon outbreaks and before virus signatures are available.

### Control Beyond Signatures

#### Proxy support for multiple protocols

- > HTTP, HTTPS, FTP, Telnet, SOCKS, P2P, AOL IM, Yahoo IM, Microsoft IM, MMS, RTSP, QuickTime, TCP-Tunnel, DNS, CIFS, MAPI
- > Apply policy to all

#### Content Filtering

- > On-proxy support of leading URL lists, popular regional lists, plus custom lists
- > Performance gains through integrated caching
- > Define additional custom categories

#### Optionally scan inside SSL Traffic

- > Enforce all policies in HTTPS, as well as HTTP and FTP
- > Remove viruses in SSL-based Webmail attachments
- > Prevent Trojans, worms, spyware, malware, and viruses from entering via encrypted browser sessions

#### Content Security

- > Control MIME types and file extensions
- > Strip and replace active content
- > User agent and version control
- > Header inspection, rewrite, and suppression
- > Method-level controls per protocol
- > Policy flexibility beyond typical "regex"
- > URL parsing

#### IM Logging and Controls

- > MSN, Yahoo!, AIM
- > Method-level control settings for file attachments, voice, and video, plus IM reflection for internal use
- > Keyword searches
- > In band/out-of-band alerts

#### Block or control Streaming Media

- > MS, Real, QuickTime
- > Bandwidth optimization with stream splitting and caching



**P2P file sharing controls**

- > Log and block P2P traffic by user agent and version, plus numeric host file transfers
- > Control BitTorrent, eDonkey, Gnutella, and FastTrack
- > Bandwidth optimization

**Pop-up Control and Anti-Phishing**

- > Policy-based
- > Deny/allow per application

**Comprehensive port services**

- > Enable/disable needed ports
- > Modify port attributes

**Authentication**

- > Utilize a company's existing authentication including local password files, NTLM, LDAP (Active Directory, eDirectory, SunOne), Oracle Access Manager, RADIUS, CA eTrust SiteMinder, and certificates
- > Multi-realm authentication sequencing
- > Secure credential acquisition via SSL

**Integrated System Solution**

The combination of ProxySG + ProxyAV provides scalable performance with control over transport and Web content with integrated virus scanning. Virus

engines and signatures are only one part of Web content control. New worms and trojans are using IM and Web spam to propagate with new techniques always on the horizon. For the first time, Web communication controls and Web virus scanning work together using Blue Coat solutions.



	AV510-A	AV810-A	AV810-B
<b>System</b>			
Processors	1 CPU	1 CPU	2 CPU
Disk drives	1x80GB SATA	1x73GB SCSI Ultra 320	1x73GB SCSI Ultra 320
RAM	1GB	2GB	3GB
Network Interface	(2) integrated (on board) 10/100/1000 Base-T NICs		
<b>Operating Environment</b>			
Power	AC power 100-240V, 50-60Hz, 6.3-3.0A		
Maximum Power	150 Watts		
Thermal Rating	512 BTU/Hr		
Temperature	5°C to 35°C (41°F to 95°F)		
Humidity	Less than 90% relative humidity, non-condensing		
Altitude	Up to 3048m (10,000ft)		
<b>Dimensions and Weight</b>			
Enclosure	19" Rack-mountable		
Dimensions (L x W x H)	58 cm x 44 cm x 4.4 cm (22.8 in x 17.4 in x 1.7 in)		
Weight (maximum)	12.3 kg (27 lb)	14.1 kg (31 lb)	14.7 kg (32.5 lb)
<b>Regulations</b>			
Emissions	FCC Class A, EN55022 Class A, VCCI Class A No.1706609, BSMI, CCC, C-tick		
Safety	CSA C22.2 No. 950 M95, UL 60950 3rd Edition, EN60950, TUV-GS, TUV-S, CCC, BSMI		
Standards	UL/CSA, TUV-S, BSMI, Ctick, CCC, CE		
<b>Support Standard warranty</b>			
<b>90-day software &amp; phone support with 1-year hardware support; extended and upgraded support plans available</b>			

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