

## DELIVER A SUPERIOR USER EXPERIENCE

As the foundation of Blue Coat's Application Delivery Network (ADN), Blue Coat ProxySG appliances accelerate and secure business applications for users across the distributed enterprise. The Blue Coat ProxySG Acceleration Edition is a powerful yet flexible solution for improving application performance. Deployed at both remote branches and in the network core, ProxySG appliances form a transparent, secure and fast application delivery infrastructure to improve user productivity and reduce bandwidth expense.

### FEATURES

#### Acceleration

##### Bandwidth Management

- > Assign priority and network resources based on port, device, applications or content to reflect corporate policies

##### Protocol Optimization

- > Improve inefficient protocols by making them more tolerant to higher latencies

##### Byte Caching

- > Cache repetitive traffic found in the byte stream and serve it locally to reduce WAN traffic

##### Object Caching

- > Store files, videos and Web content locally, providing LAN-like performance over WAN

##### Compression

- > Inline compression can reduce predictable patterns even on the first pass

##### ProxyClient™

- > Remote acceleration for file and application performance software extends acceleration capabilities to remote users connecting over VPNs or the WAN

#### Control — Proxy Services

##### Proxy support for multiple protocols

- > HTTP, CIFS, SSL, FTP, MAPI, P2P, MMS, RTSP, QuickTime, TCP-Tunnel, DNS
- > Bandwidth management on all proxy services
- > SSL Termination & Proxy (forward and reverse)
- > Control encrypted traffic for all users and applications inside and outside the enterprise

#### Performance & Reliability — SGOS

##### Platform highlights:

- > Secure object-based operating system with small footprint

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

- > Built-in pass-through network card, compression services, bandwidth management and SSL off loading

##### Network functionality including:

- > Active/Active bridging support using virtual IP addressing for failover and remote installations
- > Completely transparent when tunneling applications between appliances, maintaining IP and port information for traffic management
- > Native support for advanced clustering for near limitless scalability, without additional load balancing appliances
- > Routing configurations for gateway, route tables, RIP, DNS, and WCCP, with support for asymmetric routing of application delivery tunnels
- > Health checks performed on a forwarding host or external servers to verify status and availability of device
- > 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

##### Powerful management interface

- > Web-based management interface
- > Optional command line interface
- > Alerting via SNMP, SMTP and logging administrative events

##### Content Policy Language (CPL)

- > Create custom text-based policies to address unique policy requirements
- > Definable triggers and actions for policy definition

##### 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

#### Management & Control of ProxyClient

- > Configure, provision and maintain global deployment of ProxyClient
- > Upgrade client versions seamlessly with auto version detection and update

#### Visibility — Management Reporting

##### Default logging

- > HTTP, HTTPS, CIFS, MAPI, FTP, TCP-Tunnel, P2P, ICP, 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

##### Statistics

- > Bandwidth Gain
- > HTTP/HTTPS/FTP history
- > Streaming history
- > Resources

##### SNMP Support

- > Trap settings, community strings

##### Aggregate logs with Reporter™

- > Reporter dashboard - intuitive console that provides a "drill-able" overview of Web activity
- > 150+ pre-defined reports track user activity, security risks, and Web traffic performance
- > Secure browser access/role-based viewing
- > Provides real-time reporting with continuous log uploads from one or more ProxySGs



License Type	Acceleration Edition	Proxy Edition
Windows Media Streaming	Yes	Yes
Real Media Streaming	Yes	Yes
QuickTime Streaming	Yes	Yes
Bandwidth Management	Yes	Yes
HTTP proxy	Yes	Yes
MAPI proxy	Yes	Yes
DNS proxy	Yes	Yes
Forwarding	Yes	Yes
ProxyClient	Yes	Yes
SOCKS proxy	No	Yes

License Type	Acceleration Edition	Proxy Edition
Telnet proxy	No	Yes
ICAP Services	No	Yes
Netegrity SiteMinder	No	Yes
Oblix COREid	No	Yes
Peer-To-Peer	No	Yes
User Authentication	No	Yes
Onbox Content Filtering [3rd Party or BCWF]	No	Yes
Offbox Content Filtering [e.g. Websense]	No	Yes
Instant Messaging [AOL, Yahoo, and MSN]	No	Free
SSL Termination/Proxy	Add-On	Add-On

ProxySG 8100 Series	SG8100-10	SG8100-30
<b>License Capacity</b>		
Concurrent Users	Unlimited	Unlimited
<b>System</b>		
Disk drives	4x300GB SCSI Ultra 320	8x300GB SCSI Ultra 320
RAM	6GB RAM	16GB RAM
Network Interfaces	[2] integrated (on board) 10/100/1000 Base-T NICs 4x10/100/1000Base-T card (quad GigE with passthru) SSL card	
Optional Cards	None	
Optional NICs	2x10/100/1000Base-T card (dual GigE) 4x10/100/1000Base-T card (quad GigE NIC or Passthrough) 4x10/100/1000Base-SX card (quad GigE Fibre)	
<b>Physical Properties</b>		
<b>Dimensions and Weight</b>		
Enclosure	19" Rack-mountable	
Dimensions (L x W x H)	59.2cm X 44.2cm X 17.652cm (23.3in X 17.4in X 6.95in)	
Weight (maximum)	25.4kg(56lb) / 30.8kg(68lb)	
<b>Operating Environment</b>		
Power	AC power 100-240V, 50-60Hz, 6.3-3.0A	
Maximum Power	525 Watts	
Thermal Rating	1792 BTU/Hr	
Temperature	5°C to +40°C (41°F to 104°F)	
Humidity	Less than 90% relative humidity, non-condensing	
Altitude	Up to 3000 M (9,483 ft)	
<b>DC Adapter Voltage</b>	36-72 volts DC Steady state current: 28 amp (typical) Inrush current: less than 10 amps (per module)	
<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, C-tick, CCC, CE	
Certifications	ICSA, NIAP EAL, FIPS 140-2	
<b>Product Warranty</b>		

Limited, non-transferable hardware warranty for a period of one (1) year from date of shipment. BlueTouch Support contracts available for 24/7 software support and options for hardware support.