GET THE WORLD'S LEADING PROXY APPLIANCE

The Blue Coat Full Proxy Edition of ProxySG appliances is part of the Application Delivery Network (ADN) infrastructure that provides complete application visibility, acceleration and security. To support the ADN, ProxySG delivers a scalable proxy platform architecture to secure Web communications and accelerate the delivery of business applications. ProxySG enables flexible policy controls over content, users, applications and protocols and is the choice of more than 80% of the Fortune® Global 500.

FEATURES

Complete Control

ProxySG provides complete control over Web traffic enabling the following functions: Strong user authentication, Web filtering, deep inspection of content for data loss or threats, security checks to the WebPulse™ collaborative cloud defense, inspection and validation of SSL traffic, content caching and traffic optimization, bandwidth management, streaming media splitting and caching, method level controls per protocol, plus the ability to filter, strip or replace Web content. ProxySG is the ultimate foundation for a Secure Web Gateway with its content controls and policy flexibility, or a branch office providing security and acceleration in one solution.

Layered Defenses Security Framework

ProxySG with WebPulse, the collaborative cloud defense uniting over 62M users for Web awareness and response to Web content and threats, creates a hybrid design providing the best of on-premise controls with the collective intelligence of cloud service. ProxySG deployed with WebFilter automatically includes the WebPulse cloud service and ProxyClient for remote user protection, filtering and acceleration. ProxySG with ProxyAV enables the highest performing inline threat analysis, including SSL, with a choice of leading anti-malware engines. And data loss prevention integration is securely enabled with S-ICAP or standard ICAP on ProxySG with certified DLP partners.
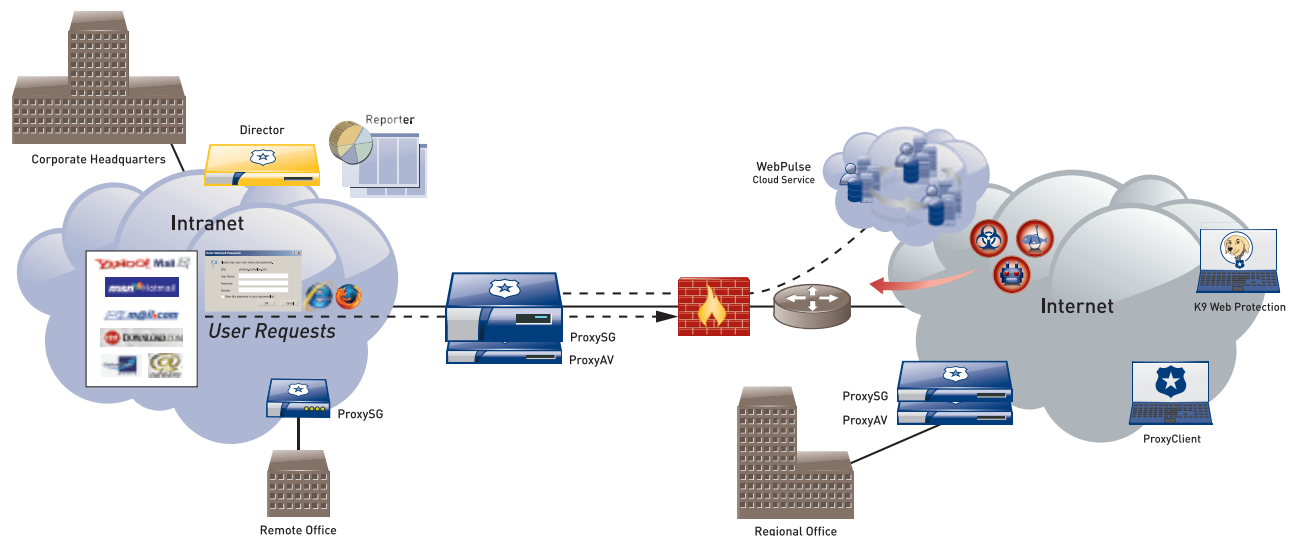
Unmatched Performance & Reliability

ProxySG innovations in new hardware platforms with multiple cores and the SGOS operating system with multi-threading provide 1Gbps throughput for high availability deployments and scale 5X beyond the previous generation. SGOS is a micro kernel built for Web object processing, secure and small in design, it rarely needs attention or patches, and it runs year after year at performance levels beyond the competition. Health checks and monitoring provide administrator awareness, plus Director enables centralized device, license and policy management of ProxySG Web gateways.

Scalability and Lower TCO

The Blue Coat security framework scales in many ways resulting in lower TCO for customers. The performance innovations require less hardware, rack space and power than alternative solutions. New defenses can be seamlessly added to the WebPulse cloud to scale the depth of protection. Expanding groups of remote users can accelerate office communications with ProxyClient plus be protected by WebPulse. And reporting scales for visibility of all Web gateway and remote users with custom dashboards and reports on a single server with an included optimized database for up to 10B log lines.

Blue Coat provides a layered defense against Web 2.0 threats leveraging WebPulse cloud intelligence from over 62M users to protect the Web gateway and remote users. ProxySG provides unmatched policy flexibility, performance and reliability to secure networks and accelerate content.

Deploy ProxySG, WebFilter and ProxyAV together to enable:

-> Web 2.0 threat protection
-> Real-time web content ratings
-> On-demand cloud intelligence
-> Web 2.0 mashed up content filtering
-> Inline threat analysis (stream scanning)
-> Social networking threat protection
-> True file type checks

-> Compressed archive analysis
-> File and attachment filtering
-> Hardware based SSL performance
-> Data loss prevention integration
-> Proxy avoidance blocking
-> Web application controls
-> Protocol method controls

-> Bandwidth management
-> Media stream splitting & caching
-> Acceleration & optimization
-> Transparent or Explicit deployment
-> Full IPv6 implementation
-> IPv4 to IPv6 migration
-> IPv6 advanced policy management

ProxySG 210 Series

ProxySG 210 Series	SG210-5	SG210-10	SG210-25
License Capacity			
Concurrent Users	30	150	Unlimited
System			
Disk drives	1x80GB IDE	137GB IDE accessible (250GB IDE model)	137GB IDE accessible (250GB IDE model)
RAM	512MB	1GB	1GB
Network Interfaces	(2) integrated (on board) 10/100Base-T NICs with passthrough	(2) integrated (on board) 10/100Base-T NICs with passthrough SSL Offload Card	
Optional NICs/Cards	SSL Offload Card	None	None

Physical Properties

Dimensions and Weight

Enclosure	Desk/wall mount, rack mountable* (*specific rack mount kit required).
Dimensions (L x W x H)	35.6cm x 19.1cm x 4.4cm (14in x 7.5in x 1.72in)
Weight (maximum)	2.6kg(5.8lb)

Operating Environment

Power	AC power 100-240V, 50-60Hz, 6.3-3.0A
Maximum Power	45 Watts
Thermal Rating	153.63 BTU/Hr
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)

ProxySG 510 Series

ProxySG 510 Series	SG510-5	SG510-10	SG510-20	SG510-25
License Capacity				
Concurrent Users	200	500	1200	Unlimited
System				
Disk drives	2x80GB SATA	2x320GB SATA	2x320GB SATA	2x320GB SATA
RAM	2GB RAM	2GB RAM	2GB RAM	2GB RAM
Network Interfaces	(2) integrated (on board) 10/100/1000 Base-T NICs	(2) integrated (on board) 10/100/1000 Base-T NICs 2x10/100/1000Base-T card (dual GigE with passthru) SSL card		
Optional Cards	SSL Offload card	None		
Optional NICs	2x10/100/1000Base-T card (dual GigE) 2x10/100/1000Base-SX card (dual GigE Fibre) 4x10/100/1000Base-T card (quad GigE with passthru)			

Physical Properties

Dimensions and Weight

Enclosure	19" Rack-mountable			
Dimensions (L x W x H)	58cm x 44cm x 4.4cm (22.8in x 17.4in x 1.7in)			
Weight (maximum)	12.3kg(27lb)	12.7kg(28lb)	12.7kg(28lb)	12.7kg(28lb)

Operating Environment

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)

ProxySG 810 Series

ProxySG 810 Series	SG810-5	SG810-10	SG810-20	SG810-25
License Capacity				
Concurrent Users	2500	3500	5000	Unlimited
System				
Disk drives	2x73GB SCSI Ultra 320	2x300GB SCSI Ultra 320	4x300GB SCSI Ultra 320	4x300GB SCSI Ultra 320
RAM	2GB RAM	4GB RAM	6GB RAM	6GB RAM
Network Interfaces	(2) integrated (on board) 10/100/1000 Base-T NICs	(2) integrated (on board) 10/100/1000 Base-T NICs 2x10/100/1000Base-T card (dual GigE with passthru) SSL card		
Optional Cards	SSL OffLoad card	None		
Optional NICs	2x10/100/1000Base-T card (dual GigE) 2x10/100/1000Base-SX card (dual GigE Fibre) 4x10/100/1000Base-T card (quad GigE with passthru)			

Physical Properties

Dimensions and Weight

Enclosure	19" Rack-mountable			
Dimensions (L x W x H)	58cm x 44cm x 4.4cm (22.8in x 17.4in x 1.7in)			
Weight (maximum)	14.1kg(31lb)	14.5kg(32lb)	15.4kg(34lb)	15.4kg(34lb)

Operating Environment

Power	AC power 100-240V, 50-60Hz, 6.3-3.0A
Maximum Power	375 Watts
Thermal Rating	1280.25 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)

FOR ALL PROXYSG SERIES

Regulations

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 2 (SG510 and SG810 only), FIPS 140-2 (SG510 and SG810 only)
Product Warranty	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.