BLUE COAT

Security Empowers Business

GET THE WORLD'S LEADING PROXY APPLIANCE

Blue Coat Full Proxy Edition ProxySG 900/9000

Blue Coat Full Proxy Edition of the ProxySG appliance family, part of Blue Coat's Security and Policy Enforcement Center, provides complete web security and WAN optimization for your business. ProxySG delivers a scalable proxy platform architecture to secure web communications and accelerate the delivery of business applications. ProxySG enables flexible, granular, policy controls over content, users, applications, web applications, and protocols. It's the product of choice for more than 86% of the Fortune Global 500.

Complete Protection and Control

ProxySG provides comprehensive protection and control over web traffic. It enables the following functions: Strong user authentication, web filtering, deep inspection of content for data loss or threats, security checks to the WebPulse™ collaborative defense, inspection and validation of SSL traffic, content caching and traffic optimization, bandwidth management, streaming media splitting and caching, method level controls per protocol. It also has the ability to filter, strip or replace web content. Its new Web Application Policy Engine provides granular visibility and control over web applications. ProxySG is the ultimate foundation for a Secure Web Gateway with its content controls and policy flexibility. It can also provide the unique ability to deliver web security and acceleration in one solution to a branch office. This all enables branch users to have access directly to the internet, with the same security coverage as those users in the main office.

Layered Defenses Security Framework

ProxySG with WebPulse, the collaborative cloud defense uniting over 75M 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 Blue Coat WebFilter automatically includes WebPulse and Blue Coat 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 and 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 their office communications with ProxyClient and be protected by WebPulse. Available 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 20 billion log lines.

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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 (six AV choices)
- 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 and operation controls
- Protocol method controls
- Bandwidth management
- Media stream splitting and caching
- Acceleration and optimization
- Transparent or Explicit deployment

- Full IPv6 implementation
- IPv4 to IPv6 migration
- IPv6 advanced policy management
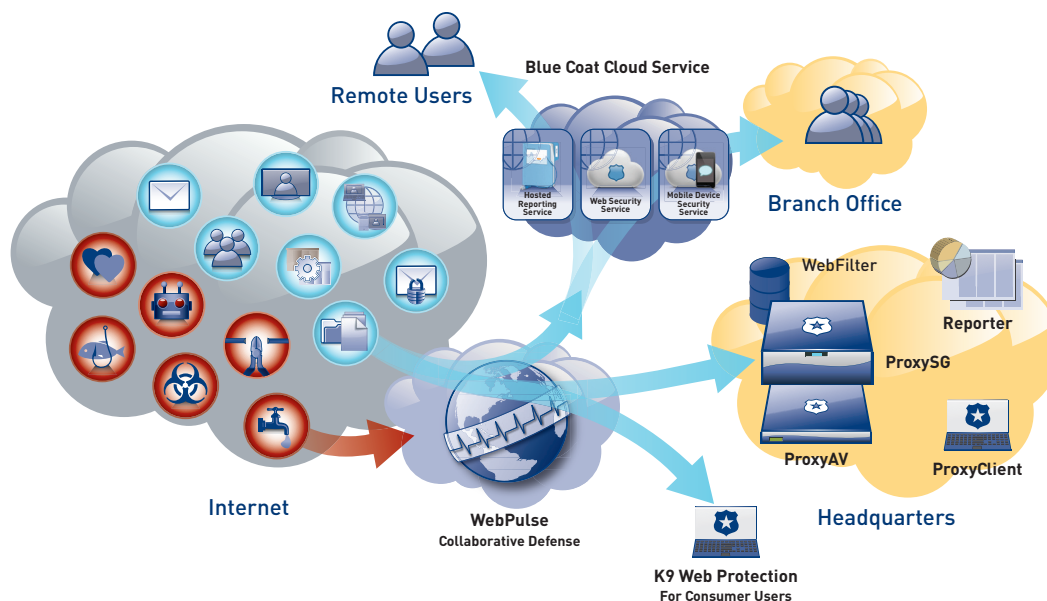
Blue Coat provides a layered defense against Web 2.0 threats leveraging WebPulse cloud intelligence from over 75M users to protect the web gateway and remote users. ProxySG provides unmatched policy flexibility, performance and reliability to secure networks and accelerate content.

FOR ALL PROXYSG 900 AND 9000 SERIES

REGULATIONS

Safety	IEC60950 (CB Scheme), UL60950 (USA), CSA C22.2 No.60950 (Canada), EN60950 (CE/Europe), CNS14336 (Taiwan), GB4943 (China), MEK60950 (Russia), NOM-019 (Mexico), AS/NZS 60950-1 (Australia/New Zealand)
Electromagnetic Compliance (EMC)	CISPR22/CISPR24 (International), EN55022/EN55024 (CE/Europe), FCC part 15 (USA), ICES-003 (Canada), VCCI V-3 (Japan), AS/ZNS-CISPR22 (Australia/New Zealand), CNS13438 (BSMI), 51318.22/51318.24 (Russia), GB9254/GB17625 (China), EM:KN22/IM:KN24 (Korea). Tested to Class A Emissions for all standards.
Environmental	RoHS-Directive 2011/65/EU, REACH-Regulation No 1907/2006
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 with options for hardware support.
Gov't Certifications	For further government certification information please contact Federal_Certifications@bluecoat.com
More Info	Contact regulatoryinfo@bluecoat.com for specific regulatory compliance certification questions and support

*redundant power optional
** 2-port 10G Base-SR Fiber card requires SGOS 6.2 and above

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PROXYSG 900 SERIES	SG900-10B	SG900-20	SG900-30	SG900-45	SG900-55
LICENSE CAPACITY					
Employee Count	3500	6000	Unlimited	Unlimited	Unlimited
SYSTEM					
Disk Drives	2x1TB SAS	2x1TB SAS	3x1TB SAS	4x1TB SAS	4x2TB SAS
RAM	8GB RAM	8GB RAM	12GB RAM	16GB RAM	32GB RAM
Onboard Ports	(2) integrated 1000Base-T ports with bypass, (2) integrated 1000Base-T ports (no bypass), onboard SSL				
Optional NICs	4x1000Base-T (Copper) 4x1000Base-F (Fiber-SX)				
Power Supplies	1*	1*	2	2	2

PHYSICAL PROPERTIES	
DIMENSIONS AND WEIGHT	
Enclosure	19" Rack-mountable
Dimensions (L x W x H)	43.3cm x 59.5cm x 4.3cm (17.0in x 23.4in x 1.69in) (chassis only) 48.4cm x 62.3cm x 4.3cm (19.1in x 24.5in x 1.69in) (chassis plus extensions)
Weight (maximum)	Approx. 18kg (39.7 lbs)
OPERATING ENVIRONMENT	
Power	Redundancy available (hot swappable), AC power 100-240V, 50-60Hz, 6.0-3.0A
Maximum Power	400 Watts
Thermal Rating	1365 BTU/Hr max
Temperature	5°C to 40°C (41°F to 104°F) at sea level
Humidity	20 to 80% relative humidity, non-condensing
Altitude	Up to 3048m (10,000ft)

PROXYSG 9000 SERIES	SG9000-20B	SG9000-30	SG9000-40
LICENSE CAPACITY			
Employee Count	Unlimited	Unlimited	Unlimited
SYSTEM			
Disk Drives	8x1TB SAS	10x1TB SAS	15x1TB SAS
RAM	24GB RAM	40GB RAM	64GB RAM
Onboard Ports	(2) integrated 1000Base-T ports with bypass, (2) integrated 1000Base-T ports (no bypass), onboard SSL		
Open Slots	3xPCI-E	3xPCI-E	2xPCI-E
Power Supplies	1*	1*	2

PHYSICAL PROPERTIES	
DIMENSIONS AND WEIGHT	
Enclosure	19" Rack-mountable
Dimensions (L x W x H)	66.7cm x 42.7cm x 17.2cm (26.3in x 16.8in x 6.77in) (chassis only) 72.7cm x 48.0cm x 17.2cm (28.6in x 18.9in x 6.77in) (chassis plus extensions)
Weight (maximum)	Approx. 40kg (90 lbs.)
OPERATING ENVIRONMENT	
Power	AC power 100-240V, 50-60Hz, 9.0-4.5A
Maximum Power	750 Watts
Thermal Rating	3300 BTU/Hr max
Temperature	5°C to 40°C (41°F to 104°F) at sea level
Humidity	Operating: 20% to 80% relative humidity, non-condensing; Storage: 10% to 90% relative humidity, non-condensing
Altitude	Operating: Up to 3048 M (10,000 ft), Storage: Up to 12192 M (40,000 ft)