Symantec™ Advanced Secure Gateway S200/S400/S500

Advanced Security for the Web in a Single, Powerful Solution

At a Glance

The Advanced Secure Gateway enables you to control and secure your web traffic to support safe, productive web experiences.

The Advanced Secure Gateway delivers:

- Complete protection and control
- Layered defenses
- Unmatched performance and reliability
- Lower TCO

Introduction

The web is one of the most common attack delivery mechanisms used by hackers to infect devices and infiltrate your network. Shut down the web attack vector and enable users to safely use the web (cloud) with the Symantec Advanced Secure Gateway. The Gateway offers the most comprehensive, integrated solution available to protect you from today's advanced web threats. With the Advanced Secure Gateway, you can tackle the rapidly changing threat landscape and confidently adopt cloud-based technologies to meet your business needs.

The Advanced Secure Gateway combines the functionality of Symantec's industry-leading Secure Web Gateway, ProxySG, with the intelligence of the Symantec Content Analysis to offer a single, powerful web security solution that delivers world-class threat protection. The Advanced Secure Gateway is a scalable proxy designed to secure your web communications and accelerate your business applications. The Gateway's unique proxy architecture allows it to effectively monitor, control and secure traffic to ensure a safe web (cloud) experience.

Many Secure Web Gateway products force you to make a trade-off between security and application performance. The Advanced Secure Gateway delivers both, providing comprehensive, advanced web security and web performance improvements. With the Advanced Secure Gateway, you can enforce policies, detect threats and block advanced attacks from entering your network to support a good, safe experience that helps you maximize the potential of the web (cloud) for your business.

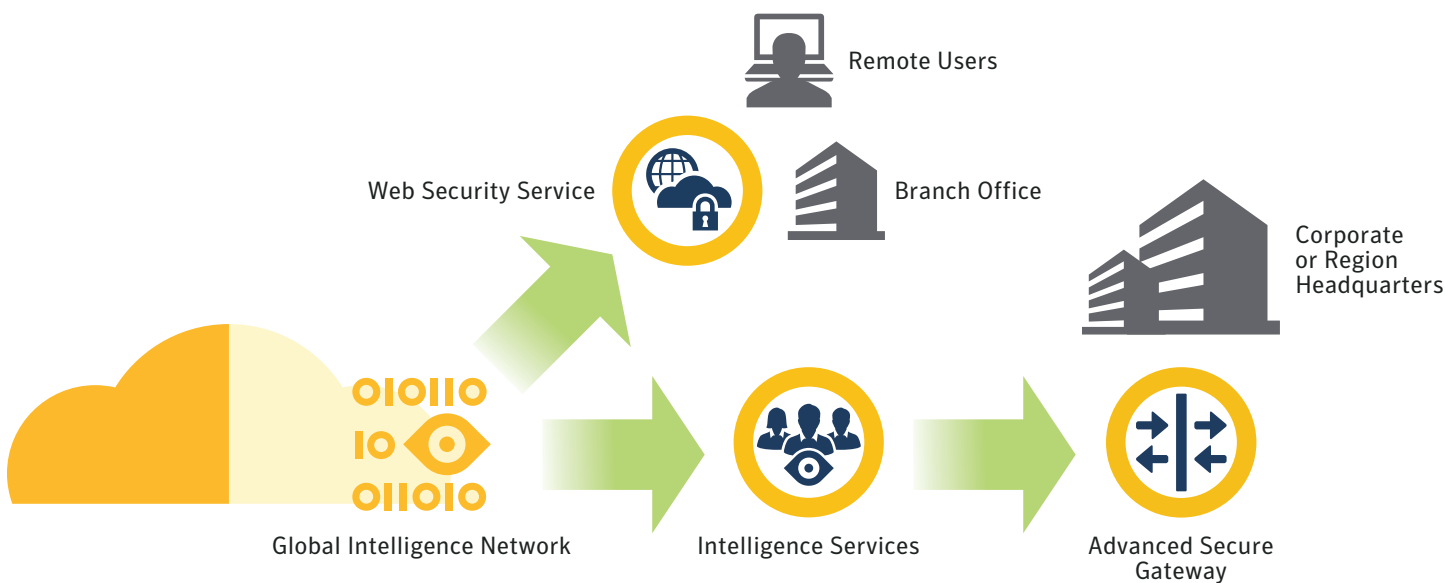## Complete Protection and Control

The Symantec Advanced Secure Gateway provides comprehensive protection and control over web traffic to support your security and application performance requirements. The open solution can integrate with best of breed technologies to offer:

- Strong user authentication
- Advanced real-time web filtering and risk scores
- Multi-layered deep content inspection and analysis to identify data loss and threats
- Security checks, leveraging the Symantec Global Intelligence Network

- Inspection and validation of SSL traffic
- Content caching and traffic optimization
- Bandwidth management
- Streaming media splitting and caching
- Method level controls, per protocol

Layered Defenses Security Framework

With the Advanced Secure Gateway, web traffic is terminated at the proxy and all downloaded and uploaded objects are processed through multiple layers of security in a single efficient pass. The solution starts by eliminating well-known threats first, which reduces the amount of traffic that needs to be processed by any subsequent, more CPU-intensive security engines. With support for real-time URL ratings, multiple anti-malware engines, black and white listing, static code analysis and sandbox brokering, the Advanced Secure Gateway provides the most comprehensive and secure framework for web security.

The Symantec Advanced Secure Gateway

Remote Users

Web Security Service

Branch Office

Corporate or Region Headquarters

Global Intelligence Network

Intelligence Services

Advanced Secure Gateway

The Gateway can be deployed using a physical, virtual, cloud and/or hybrid model.

Unmatched Performance and Reliability

Built on the same architecture and hardware base as the ProxySG, which is trusted by many of the world's largest organizations, the Advanced Secure Gateway delivers unmatched performance and reliability in the Secure Web Gateway space. Symantec's appliances are purpose built, with a custom operating system designed for security. The solution offers features, such as redundant hot swappable power supplies and disks, along with dual redundant boot devices, redundant fan architecture, fail-to-wire network ports, and automatic power supply failover to maximize up-time and availability.

Scalability and Lower TCO

With Symantec, you can scale your deployment to meet your specific requirements, enabling you to pay for what you need and eliminating any costly overprovisioning. There is a wide array of models to choose from, so it's easy to find the right Advanced Secure Gateway that meets the security and performance levels required by your organization. It's also easy to increase the solution's performance with available upgrade kits. As a result, you can maximize your investment, starting with a lower entry point, with the ability to grow as your organization expands.

	ASG S200-30	ASG S200-40	ASG S400-20	ASG S400-30	ASG S400-40	ASG 500-10	ASG S500-20
License Capacity							
Employee Count	500, 1000, 2500	1000, 2500	1000, 2500, 5000	5000, 10000, 15000	10000, 15000, 25000	10000, 15000, 25000	25000, 35000, 50000
System							
Disk Drives	2 x 500GB SATA	2 x 500GB SATA	3 x 1TB SAS	6 x 1TB SAS	8 x 1TB SAS	8 x 1TB SAS	16 x 1TB SAS
Boot Device	Single 16GB SSD		2 x 16GB SSD (dual redundant)[1]			2 x 16GB SSD (dual redundant)[1]	
RAM	16GB	16GB	24GB	48GB	72GB	96GB	128GB
Onboard Ports[2]	(2) 1000Base-T Copper ports (with bypass) (2) 1000Base-T Copper ports (non-bypass) (1) 10/100Base-T Copper, BMC Management Port		(2) 1000Base-T Copper ports (with bypass) (2) 1000Base-T Copper ports (non-bypass) (1) 10/100Base-T Copper, BMC Management Port			(2) 10Gb Base-T Copper ports (with bypass) (2) 10Gb Base-T Copper ports (non-bypass) (1) 1000Base-T Copper, System Management Port (1) 1000Base-T Copper, BMC Management Port	
Optional NICs	4 x 10/100/1000Base-T (Copper with bypass capability) 4 x 1GbE Fiber-SX (with bypass capability, full height slot only)		4x10/100/1000Base-T (Copper with bypass capability) 4x1GbE Fiber-SX (with bypass capability, full height slot only) 2x10Gb Base-T (Copper with bypass capability) 2x10Gb Base-T (Copper non-bypass), 2x10Gb Fiber (SR with bypass capability) 2x10Gb Fiber (LR with bypass capability)			4x10/100/1000Base-T (Copper with bypass capability) 4x1GbE Fiber-SX (with bypass capability, full height slot only) 2x10Gb Base-T (Copper with bypass capability) 2x10Gb Base-T (Copper non-bypass), 2x10Gb Fiber (SR with bypass capability) 2x10Gb Fiber (LR with bypass capability)	
Available Slots	1 full height		1 full height / 1 half height			2 full height	2 full height / 3 half height
Power Supplies	1	1	2	2	2	2	2

[1] Currently shipping models only, older units will have 2 x 8GB SSD.

[2] BMC ports are currently disabled. Ports specified as 1000Base-T Copper ports are 10/100/1000Base-T capable, and ports specified as 10Gb Base-T Copper are also 1000Base-T capable.

Physical Properties	ASG S200	ASG S400	ASG S500
Dimensions and Weight			
Dimensions (L x W x H)	446.3mm x 440.0mm x 43.5mm (17.57in x 17.32in x 1.71in) (chassis only) 454.5mm x 482.6mm x 43.5mm (17.89in x 19.0in x 1.71in) (chassis with extensions) **Note:** 640mm L (25.81in L) with optional slide rails 1 RU height	572mm x 432.5mm x 42.9mm (22.5in X 17.03in x 1.69in) (chassis only) 643mm x 485.4mm x 42.9mm (25.3in X 19.11in x 1.69in) (chassis with extensions) 1 RU height	710mm x 433.3mm x 87.2mm (27.95in x 17.05in x 3.43in) (chassis only) 812.8mm x 433.4mm x 87.2mm (32in x 17.06in x 3.43in) (chassis with extensions) 2 RU height
Weight (maximum)	Approx. 7.4 kg (16.4 lbs) +/- 5%	Approx. 12.8 kg (28 lbs) +/- 5%	Approx. 30 kg (66.12 lbs) +/- 5%
Operating			
AC Power	100-127VAC @ 6A 200-240V @ 3A, 47-63Hz	Dual redundant and hot swappable power supplies, AC power 100-127V @ 8A 200-240V @ 4A, 47-63Hz	Dual redundant and hot swappable power supplies, AC power 100VAC @ 12A, 240VAC @ 5A, 50-60Hz
Total Output Power	350 Watts	450 Watts	1100 Watts
Thermal Rating	Typical: 785 BTU/Hr, Max: 1195 BTU/Hr	Typical: 1086 BTU/hr, Max: 1381 BTU/hr	Typical: 2598.42 BTU/Hr, Max: 3751 BTU/Hr
Optional DC Power	Not available	Input voltage range: 40.5V - 57V Input Max Current: 22A Total Output Power: 770W	Input voltage range: 40 - 72 VDC Input Max Current: 30A Total Output Power: 1100W
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)		

For All Advanced Secure Gateway S200, S400 and S500 Series

Regulations	Safety	Electromagnetic Compliance (EMC)
International	CB – IEC60950-1, Second Edition	CISPR22, Class A; CISPR24
USA	NRTL – UL60950-1, Second Edition	FCC part 15, Class A
Canada	SCC – CSA-22.2, No.60950-1, Second Edition	ICES-003, Class A
European Union (CE)	CE – EN60950-1, Second Edition	EN55022, Class A; EN55024; EN61000-3-2; EN61000-3-3
Japan	---	VCCI V-3, Class A
Mexico	NOM-019-SCFI by NRTL Declaration	---
Argentina	S Mark – IEC 60950-1	---
Taiwan	BSMI – CNS-14336-1	BSMI – CNS13438, Class A
China	CCC – GB4943.1	CCC – GB9254; GB17625
Australia/New Zealand	AS/NZS 60950-1, Second Edition	AS/ZNS-CISPR22
Korea	---	KC – RRA, Class A
Russia	CU – IEC 60950-1	GOST-R 51318.22, Class A; 51318.24; 51317.3.2; 51317.3.3
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 DL-BC-GROUP-Federal_Certifications@symantec.com	
More Info	Contact regulatorycompliance@symantec.com for specific regulatory compliance certification questions and support	

About Symantec

Symantec Corporation (NASDAQ: SYMC), the world's leading cyber security company, helps organizations, governments and people secure their most important data wherever it lives. Organizations across the world look to Symantec for strategic, integrated solutions to defend against sophisticated attacks across endpoints, cloud and infrastructure. Likewise, a global community of more than 50 million people and families rely on Symantec's Norton and LifeLock product suites to protect their digital lives at home and across their devices. Symantec operates one of the world's largest civilian cyber intelligence networks, allowing it to see and protect against the most advanced threats. For additional information, please visit **www.symantec.com**, subscribe to our **blogs**, or connect with us on **Facebook**, **Twitter**, and **LinkedIn**.

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