

# Sangfor IAG vs Symantec (Broadcom)

## Competitive Analysis



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**SANGFOR**



## Competitor Background: Symantec (Broadcom)

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After a series of acquisitions backdated from Blue Coat, Symantec and now Broadcom, it has certainly posed a negative perception to the consumers.

- Sold business security service division to Accenture.
- Consumer division rebranded as NortonLifeLock Inc as part of company transition.
- Enterprise Security division was acquired by Broadcom in 2019.

## Impact of Symantec Transformation Towards Customers

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### Uncertainty of Product Support

- The future of which products that they will continue to support is unclear.

### Doubt in The Renewal Contract

- Struggle to renew existing contracts with customers in their offering.

### Complexity in Current Offerings

- Although Symantec has streamlined its secure web gateway enterprise licensing, it requires high skill and experienced individuals to operate and manage in their environment.

### Not All Supports are Equal

- Only Symantec's large enterprise and highly-rated customers are currently being supported, leaving thousands of customers in doubt with unanswered supports assistance.

## Why Sangfor IAG – An alternative to Symantec (Broadcom) SWG

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- Sangfor provides a one-stop solution to other cybersecurity and cloud computing portfolio.
- Sangfor is an innovative and strong market player in security with a proven track record in continuous innovation and technical support amongst the security market.
- Sangfor IAG allows you to replace any existing Blue Coat/Symantec/Broadcom SWG products with a comprehensive security approach, cost-effective alternative and step-by-step migration services.



## Sangfor Strengths

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### • Comprehensive Bandwidth Management with Application Awareness

Our proven deployment method using in-line transparent bridge mode enables flexible and granular bandwidth control capabilities. These policies are configured and driven by users, applications, URLs and traffic quotas.

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### • Sangfor Application Containment

Application Containment brings more granular control over anonymous proxy tools (proxy avoidance) and it has been developed for tight integration with Sangfor Endpoint Secure to provide unparalleled visibility to detect and block anonymous proxy tools.

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### • Strong Application Control

Sangfor has strong application database identification and control solution which can be used to apply granular policies to internet applications, social media services, instant messaging and other web-based applications.

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### • User-based Identity Driven Solution

Policies and rules configuration is built to bind username instead of IP address giving administrators unprecedented visibility and control over your corporate environment.

05

### • Universal Centralized Management

Sangfor cloud-based management Platform-X and on-premise management Central Manager designed to simplify multi-branch management and orchestrate all business operations from a single centralized location.

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### • Sangfor XDDR

Sangfor XDDR allows directly integrates Sangfor solutions and enables them to directly communicate with each other. For instance, Sangfor IAG integration with NGAF allows seamless sharing of user authentication information while Sangfor IAG combines with Cyber Command to drill down and stop users from risk browsing and enable user account lockdown.

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### • In-built Reporting and Logging

Sangfor reporting provides you with a single dashboard and step-by-step analysis where you can analysis of user internet activities traffic, user behavior, applications, bandwidth usage, etc. Sangfor allows you to extend existing data collection from IAG to Business Intelligence (BI) to conduct in-depth modelling analysis of other analytics insight.



## Sangfor IAG vs Symantec (Broadcom) model comparison

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Broadcom (Symantec/Bluecoat)				Sangfor		
Model	Total Users	Recommended Bandwidth	Max Bandwidth	Model	Total Users	Bandwidth
S200-10-PR	400	10-15 Mbps	30 Mbps	S5000-AC-I	50PCs + 100Mob	20 Mbps
S200-20-PR	1200	25-30 Mbps	60 Mbps	M5000-AC-I-S	200PCs + 200Mob	40 Mbps
S200-30-PR	2600	50-60 Mbps	120 Mbps	M5100-AC-I-S	600	80 Mbps
S200-40-PR	5000	100-125 Mbps	250 Mbps	M5400-AC-I	2000	200 Mbps
S400-20-PR	6000	100-150 Mbps	300 Mbps	M5400-AC-I	3000	300 Mbps
S400-30-PR	14000	250-320 Mbps	500 Mbps	M5500-AC-I	5000	500 Mbps
S400-40-PR	25000	500-600 Mbps	1000 Mbps	M5600-AC-I	6000	600 Mbps
S500-10-PR	30000	500-600 Mbps	1200 Mbps	M6000-AC-I	15000	1000 Mbps
S500-20-PR	50000	1000-1500 Mbps	2500 Mbps	M6000-AC-I-UPG	20000	2000 Mbps
S500-30-PR	70000	2000-2500 Mbps	4000 Mbps	M9000-AC-I	50000	5000 Mbps

Broadcom (Symantec/Bluecoat)			Sangfor		
Model	Concurrent Session	Bandwidth	Model	Concurrent Session	Bandwidth
S200-10ML	7500	10 Mbps	S5000-AC-I	15000	20 Mbps
S200-50ML	25000	50 Mbps	M5000-AC-I-S	30000	40 Mbps
S200-100ML	25000	100 Mbps	M5100-AC-I-S	60000	80 Mbps
S200-100MH	75000	100 Mbps	M5100-AC-I-S	60000	80 Mbps
S200-250MH	200000	250 Mbps	M5400-AC-I	300000	300 Mbps
S200-500MH	350000	500 Mbps	M5500-AC-I	500000	500 Mbps
S400-250MH	200000	250 Mbps	M5400-AC-I	300000	300 Mbps
S400-500MH	350000	500 Mbps	M5500-AC-I	500000	500 Mbps
S400-1GH	450000	1000 Mbps	M6000-AC-I	1000000	1000 Mbps
S400-2GH	550000	2000 Mbps	M6000-AC-I-UPG	2000000	2000 Mbps
S500-2GH	550000	2000 Mbps	M6000-AC-I-UPG	2000000	2000 Mbps
S500-5GH	575000	5000 Mbps	M9000-AC-I	4000000	50000 Mbps
S500-10GH	600000	10000 Mbps	M10000-AC-I	8000000	10000 Mbps



Broadcom (Symantec/Bluecoat)				Sangfor		
Model	Total Users	Recommended Bandwidth	Max Bandwidth	Model	Total Users	Bandwidth
S200-30-U500	500	50-60 Mbps	120 Mbps	M5100-AC-I-S	600	80 Mbps
S200-30-U1000	1000	50-60 Mbps	120 Mbps	M5100-AC-I-S	600	80 Mbps
S200-30-U2500	2500	50-60 Mbps	120 Mbps	M5100-AC-I-S	600	80 Mbps
S200-40-U1000	1000	100-125 Mbps	250 Mbps	M5200-AC-I	2000	200 Mbps
S200-40-U2500	2500	100-125 Mbps	250 Mbps	M5200-AC-I	2000	200 Mbps
S400-20-1000	1000	100-150 Mbps	300 Mbps	M5200-AC-I	2000	200 Mbps
S400-20-2500	2500	100-150 Mbps	300 Mbps	M5200-AC-I	2000	200 Mbps
S400-20-5000	5000	100-150 Mbps	300 Mbps	M5200-AC-I	2000	200 Mbps
S400-30-5000	5000	250-320 Mbps	500 Mbps	M5500-AC-I	5000	500 Mbps
S400-30-10K	10000	250-320 Mbps	500 Mbps	M5500-AC-I	5000	500 Mbps
S400-30-15K	15000	250-320 Mbps	500 Mbps	M5500-AC-I	5000	500 Mbps
S400-40-10K	10000	500-600 Mbps	1000 Mbps	M5600-AC-I	6000	600 Mbps
S400-40-15K	15000	500-600 Mbps	1000 Mbps	M5600-AC-I	6000	600 Mbps
S400-40-25K	25000	500-600 Mbps	1000 Mbps	M5600-AC-I	6000	600 Mbps
S500-10-10K	10000	500-750 Mbps	1200 Mbps	M6000-AC-I	15000	1000 Mbps
S500-10-15K	15000	500-750 Mbps	1200 Mbps	M6000-AC-I	15000	1000 Mbps
S500-10-25K	25000	500-750 Mbps	1200 Mbps	M6000-AC-I	15000	1000 Mbps
S500-20-25K	25000	1000-1500 Mbps	1200 Mbps	M6000-AC-I-UPG	20000	2000 Mbps
S500-20-35K	35000	1000-1500 Mbps	2000 Mbps	M6000-AC-I-UPG	20000	2000 Mbps
S500-20-50K	50000	1000-1500 Mbps	2000 Mbps	M6000-AC-I-UPG	20000	2000 Mbps



## Summary Feature Comparison – Sangfor IAG vs Symantec (Broadcom)

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Features	IAG	Packetshaper (Legacy)	ProxySG (Legacy)	ASG	Sangfor Advantages
<b>User Authentication</b>	Strong	Average	Average	Average	Sangfor IAG support wide variety of user authentication from active directory, radius, LDAP, Facebook, Gmail, Twitter, QR code, etc.
<b>URL Filtering &amp; Application Control</b>	Strong	Strong	Average	Strong	Sangfor R&D dedicated team provide biweekly update on application signatures/URL and constantly review users feedback for categorization.
<b>Wireless LAN integration</b>	Strong	Weak	Weak	Weak	Sangfor IAG allow seamless user integration with Aruba, Ruckus and Cisco controller.
<b>IM Audit Chat</b>	Strong	Weak	Weak	Weak	Sangfor IAG allow you to monitor, audit and block instant messaging application.
<b>SSL Decryption</b>	Strong	Weak	Strong	Strong	Sangfor IAG provide gateway and client SSL decryption for more flexible SSL decryption deployment strategy.
<b>Anti-Malware</b>	Strong	Weak	Strong	Strong	Sangfor Engine Zero, own in-house malware detection engine to defend against known and unknown threats.
<b>Threat Intelligence</b>	Strong	Weak	Strong	Strong	Sangfor Neural-X carries out user granularity analysis or accumulated security intelligence data through big data and cloud computing technology.
<b>Proxy Avoidance</b>	Strong	Weak	Weak	Weak	Sangfor Proxy Avoidance Protection enable Endpoint Secure to detect and block proxy avoidance applications with pinpoint accuracy.
<b>Asset Management</b>	Strong	Weak	Weak	Weak	Sangfor IAG allow organization to identify, classify and enforce compliance check on IoT/endpoint devices in the corporate environment.
<b>Bandwidth Management</b>	Strong	Strong	Average	Average	Sangfor IAG allow detail and fine grain bandwidth management control with additional monitoring of domestic and international traffic.

## Summary Feature Comparison – Sangfor IAG vs Symantec (Broadcom)

06

Features	IAG	Packetshaper (Legacy)	ProxySG (Legacy)	ASG	angfor Advantages
<b>Reverse Proxy</b>	Average	Weak	Strong	Strong	Sangfor IAG does not support this feature.
<b>Forward Proxy</b>	Strong	Weak	Strong	Strong	Sangfor IAG enable forward proxy based on destination info.
<b>Cascading Proxy</b>	Strong	Weak	Strong	Strong	Sangfor IAG allow to add multiple cascading proxy to cater large environment.
<b>ICAP</b>	Strong	Weak	Strong	Strong	Sangfor IAG support multiple ICAP servers for scanning purpose.
<b>Web Caching</b>	Average	Weak	Strong	Strong	Sangfor IAG does not support this feature.
<b>Reporting &amp; Logging</b>	Strong	Strong	Strong	Strong	Sangfor professional report centre and Business Intelligence (BI) provide granular details on overall user and application internet behaviour.
<b>Wifi Detection and Blocking</b>	Strong	Weak	Weak	Weak	Sangfor IAG detect and block rogue Wifi hotspot.
<b>SaaS Control</b>	Strong	Weak	Strong	Strong	Sangfor IAG support inline traffic control and predefined sanctioned/unsanctioned SaaS applications.