

Sangfor IAG vs McAfee Web Gateway

Competitive Analysis

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Competitor Background: McAfee

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- 1 McAfee has grown up from the days of endpoint protection into enterprise security solutions.
- 2 McAfee went through a series of acquisitions from Intel, Symphony Technology Group, and recently announced to sell to another investor consortium which is expected to close somewhere in the first half of 2022.
- 3 The company called Trellix was created from the merger of security firms McAfee Enterprise and FireEye.

Who Is Trellix and What Does It Do?




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The company announced to focus on extended detection and response (XDR) with products that span the network, endpoint, cloud, security operations, data security, and other areas.

Other news media and analysts coined that the Trellix rebrand will prove to be a costly mistake and FireEye name alone can open doors for more business opportunities and Trellix as a brand is highly likely to face the same challenge as Forcepoint. The Trellix name has no clear connection to security aspects and it does not help to articulate what the company is or does.

Why Sangfor IAG - An Alternative to McAfee Web Gateway

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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 SWG products with a comprehensive security approach, cost-effective alternative and step-by-step migration services.

Sangfor IAG Strengths

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1. 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.



2. 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.

3. Strong Application Control

Sangfor has strong application database identification and control solution for both international and localized countries within the Asian market which can be used to apply granular policies to internet applications, social media services, instant messaging and other web-based applications.

4. 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.

5. 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.

6. 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.

7. 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 modeling analysis of other analytics insights. In addition, Business Intelligence can be used to expand as an external reporting and log storage for organization audit compliance.







Sangfor IAG vs FortiProxy Model Comparison

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McAfee Web Gateway		Sangfor IAG	
Model	Application Throughput	Model	Application Throughput
WG-4500-D, WG4500-D, WBG-4500-D, WG4500-D-RP, WBG-4500-D-RPX	727 Mbps	M5500	1 Gbps
WG-5000-D, WG5000-D, WBG-5000-D, WG5000-D-RP, WBG-5000-D-RPX	1,525 Mbps	M6000	2 Gbps
WG-5500-D, WG5500-D, WBG-5500-D, WG5500-D-RP, WBG-5500-D-RPX	4,688 Mbps	M6000-UPG/M9000	4 Gbps/10 Gbps
WG-4500-E, WG4500-E, WBG-4500-E, WG4500-E-RP, WBG-4500-E-RPX	1,015 Mbps	M5500	1 Gbps
WG-5000-E, WG5000-E, WBG-5000-E, WG5000-E-RP, WBG-5000-E-RPX	4,363 Mbps	M6000-UPG/M9000	4 Gbps/10 Gbps
WG-5500-E, WG5500-E, WBG-5500-E, WG5500-E-RP, WBG-5500-E-RPX	5,225 Mbps	M9000	10 Gbps

Summary Features Comparison - Sangfor IAG vs McAfee Web Gateway

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Features	Sangfor IAG	McAfee Web Gateway	Sangfor Advantages
User authentication	 Strong	 Average	Sangfor IAG support a wide variety of user authentication from active directory, radius, LDAP, Facebook, Gmail, Twitter, QR code, etc.
URL Filtering & Application Control	 Strong	 Average	Sangfor IAG supports 6000+ application signatures and is constantly updated according to the user trending.



Features	Sangfor IAG	McAfee Web Gateway	Sangfor Advantages
Wireless LAN integration	Strong	Weak	Sangfor IAG allows seamless user integration with Aruba, Ruckus and Cisco controllers.
IM Audit Chat	Strong	Weak	Sangfor IAG allow you to monitor, audit and block instant messaging application.
USB Device Control & Audit	Strong	Weak	Sangfor IAG enables you to control what type of external device can be used with augmented audit capability in endpoint devices i.e desktop computers, laptops.
SSL Decryption	Strong	Strong	Sangfor IAG provides gateway and client SSL decryption for a more flexible SSL decryption deployment strategy.
Anti-Malware	Strong	Strong	Sangfor Engine Zero, its own in-house malware detection engine to defend against known and unknown threats.
Threat Intelligence	Strong	Strong	Sangfor Neural-X carries out user granularity analysis or accumulated security intelligence data through big data and cloud computing technology.
Proxy Avoidance	Strong	Strong	Sangfor Proxy Avoidance Protection enables Endpoint Secure to detect and block proxy avoidance applications with pinpoint accuracy.
Asset Management	Strong	Weak	Sangfor IAG allows the organization to identify, classify and enforce compliance checks on IoT/endpoint devices in the corporate environment.
Bandwidth Management	Strong	Average	Sangfor IAG allows detail and fine grain bandwidth management control with additional monitoring of domestic and international traffic.
Reverse Proxy	Weak	Strong	Sangfor IAG does not support this feature.
Forward Proxy	Strong	Strong	Sangfor IAG enables forward proxy based on destination info.
Cascading Proxy	Strong	Strong	Sangfor IAG allows adding multiple cascading proxies to cater to large environments.



Features	Sangfor IAG	McAfee Web Gateway	Sangfor Advantages
WebGUI	 Strong	 Weak	Strong IAG provides ease of use WebGUI for user policy configuration as compared to McAfee Web Gateway design complexity.
ICAP	 Strong	 Strong	Sangfor IAG supports multiple ICAP servers for scanning purposes.
Hardware Security Module	 Weak	 Strong	Sangfor IAG does not support this feature.
Web Caching	 Weak	 Strong	Sangfor IAG does not support this feature.
Reporting & Logging	 Strong	 Strong	Sangfor professional report center and Business Intelligence (BI) provide granular details on overall user and application internet behaviour.
Wifi Detection & Blocking	 Strong	 Weak	Sangfor IAG detects and blocks rogue Wifi hotspots.
SaaS Control	 Strong	 Strong	Sangfor IAG supports inline traffic control and predefined sanctioned/unsanctioned SaaS applications.
WCCP	 Weak	 Strong	Sangfor IAG does not support this feature.
WAN Optimization	 Weak	 Strong	Sangfor IAG does not support this feature.