

Sophos Secure Email Gateway Comparison

- UTM: 9.6 [SG]
- SF-OS: 17 [XG]
- Email Appliance: 4.3 (SEA)
- Sophos Email on Central: Nov 17 (Central)
- Reflexion Networks: Nov 17 (Reflexion)
- PureMessage for Unix: 6.4 (PMX)

License Model

		SG	XG	SEA	Central	Reflexion	PMX
Hardware Appliance	Licensing Basis	Hardware	Hardware	# Users			
	Total Cost	Hardware + Email subscription + optional Premium Support	Hardware + Email subscription + optional Enhanced Plus Support	Hardware + Sophos Email Protection Subscription (# users) + optional Enhanced Plus Support			
Virtual Appliance	Licensing Basis	Per virtual appliance licensed on # users [IP addresses]	Per virtual appliance licensed on vCPU-Cores/RAM	Up to 10 virtual appliances included, # users			
	Total Cost	Price per #IP Addresses or mailboxes (whichever is higher) + Email Subscription + optional Premium Support	Software Base License + Email Subscription + optional Enhanced Plus Support	Sophos Email Protection subscription (# users) + optional Enhanced Plus Support			
Hosted	Licensing Basis	Bring your own license			# Users	# Users	
Software	Licensing Basis						# Users

Technical Comparison

		SG	XG	SEA	Central	Reflexion	PMX
Protocols	SMTP/S	✓	✓	✓	✓	✓	✓
	POP3	✓	✓				
	IMAP		✓				
Threat Protection	Malware Scanning [# engines]	2	2	1	1	1	1
	Unscannable Attachment Handling	✓	✓	✓			✓
	Encrypted Attachment Handling	✓	✓	✓			✓
	Attachments Stripping [True File Type]	✓	✓	✓		Ability to block suspicious attachments	✓
	SPF	✓		✓	✓	✓	✓
	DKIM	✓		✓			✓
	DMARC			✓			
	Sandstorm Malware Sandboxing	✓	✓	✓			
	Sandstorm Select Datacenter	✓	✓				
	Time of Click Protection			✓			
Anti-Spam	Delay Queue [Snowshoe spam protection]			✓			✓
	Sender Genotype Reputation	✓	✓	✓	✓	✓	✓
	Live Anti-Spam [SXL]	✓	✓	✓	✓	✓	✓
	IP Reputation Filter	✓	✓	✓	✓	✓	✓
	Greylisting	✓	✓				✓
	Administrator Allow / Block list	✓	✓	✓	✓	✓	✓
	RDNS	✓		✓	✓	✓	✓
	BATV	✓		✓			✓
	Recipient Validation	✓	✓	✓	✓	✓	✓
	Reject-Before-Accept SMTP	✓			✓	✓	✓
	Quarantine/Report	✓	✓	✓	✓	✓	✓
	Quarantine/Portal	✓	✓	✓	✓	✓	✓
	Add Header	✓		✓		✓	✓
	Add Subject	✓	✓	✓	✓	[Spoofer Messages]	✓
	Harvesting Protection	✓	✓	✓	✓	✓	✓
AS	SASI			✓			✓
	Mailshell [3rd party]					✓	
	Cyren [3rd party]	✓	✓		✓		
AV	Sophos	✓ (or/both)	✓ (or/both)	✓	✓	✓	✓
	Avira [3rd party]	✓ (or/both)	✓ (or/both)				

		SG	XG	SEA	Central	Reflexion	PMX
Content Filter	Sophos Content Control Lists CCL	✓	✓	✓			
	Text Filter/Regex	✓		✓		✓ [Subject Line]	✓
	Offensive Language Filter			✓			✓
	Bulk Mail Filter			✓	✓	✓	✓
	Header Check	✓	✓	✓	✓	✓	✓
	Source IP Check	✓	✓	✓		✓	✓
	ActiveContent	✓	✓	✓	✓		✓
	Total Email Size	✓	✓	✓		✓ [Max 50MB]	✓
	Attachment Size	✓	✓			✓ [Max 50MB]	✓
	Country/GeoIP	✓				✓	✓
	Per Group		✓				✓
	Per Domain	✓	✓	✓			✓
Policy Actions	Outbound Scanning	✓	✓	✓		✓	✓
	Add Footer	✓		✓		✓	✓
	Continue Next Rule			✓			✓
	Deliver After This Rule			✓			✓
	Discard		✓	✓	✓	✓	✓
	Move to Quarantine	✓	✓	✓	✓	✓	✓
	Copy to Quarantine and Deliver			✓			✓
	Re-Route Message to Other Server			✓			✓
	Re-Route to Different Recipient			✓			✓
	Copy to Different Server			✓			✓
	Tag and Deliver	✓	✓ [Spam only]	✓		✓ [Spam only]	✓
Integration	HA	✓	✓	✓	✓	✓	✓
	Active Directory Sync	✓	✓	✓	✓	✓	✓
	Azure Active Directory Sync				✓		
	Lotus Domino			✓			✓
	Lotus Domino (Groups by OU)			✓			✓
	Novell eDirectory	✓	✓	✓			✓
	OpenLDAP	✓	✓	✓			✓
	Sun JSMS			✓			✓
	SNMP	✓	✓	✓			✓
	Syslog	✓	✓	✓			✓
	Sophos Managed Appliance			✓			
	Hardware Monitoring			✓			
	Quarantine-Backup			✓			✓

		SG	XG	SEA	Central	Reflexion	PMX
Others	TLS	✓	✓	✓	✓	✓	✓
	Encryption (Push)	✓	✓	✓			
	Encryption (Pull)	✓	✓	✓		✓	
	S/MIME Encryption	✓				Zix encryption add-on	
	PGP Encryption	✓					
	Smarthost Routing	✓	✓	✓	✓	✓	✓
	Domain Based Routing	✓	✓	✓	✓		✓
	Address Based Routing	✓	✓				✓
	End to End Message Forensics			✓			✓
	Reporting	✓	✓	✓	✓	✓	✓
	Emergency Inbox				✓ (Read access)	✓	
	Header Filtering			✓			✓
	Address Rewrite		✓	✓			✓
	Domain Rewrite			✓			✓

Examples

Case 1

Business with 100 employees – one location. An older UTM of a competitor is in place and cannot handle the eSecurity load. Additionally the customer is asking for a better protection against crypto trojans.

Recommendation: Sophos Email Appliance or Sophos UTM Email with Sandstorm subscription depending on some key features requested.

Case 2

Business with 400 employees and 3 locations with local breakouts. Sophos UTM is already in place, but only web security is currently enabled. The customer asks for email security and protection against crypto trojans.

Recommendation: SG 330 for 400 user's incl. Sandstorm plus a SG230 appliance on each location with less than 100 users.

Case 3

Business with 4000 employees, 3 locations with Gigabit MPLS/WAN connection between the sub locations, one central breakout. Customer currently uses IronPort and asks for better protection against current threats.

Recommendation: 2 x ES5000 and Sophos Mail Protection Advanced for 4000 users in the central location and a Sandstorm subscription.

Case 4

Customers using Microsoft Exchange Online, Office 365, G Suite for Google Cloud or other hosted email services and need additional protection plus business continuity.

Recommendation: Sophos Email on Central.

Case 5

Larger business with multiple daughter companies wants to run a multi-domain email filtering/Anti-Spam solution

Recommendation: PureMessage for Unix

General Recommendations

	SG	XG	SEA	Central	Reflexion	PMX
UTM of a Competitor in Place	Hardware UTM	Hardware XG				
Dedicated Firewall / Email / Web Gateways in Place			Hardware or Virtual Email Appliance(s)			
Multiple locations with Local Firewalls/Breakouts						
Protection Against Current Threats with Sandstorm	Hardware or Virtual UTM	Hardware, Virtual or Software XG				
Exchange-Online / Office 365 Customer				✓	✓	
Archiving					✓	
Multi Tenancy						✓

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