

	VIRCOM	BARRACUDA NETWORKS	GFI	IRONPORT
<b>PRODUCT NAME</b>	modusGate modusGate (including m100, m150 and mBlade)	Barracuda Spam Firewall	GFI Mail Security + MailEssentials	IronPort C-Series including C160, C360, C660
<b>TYPE OF SOLUTION</b>				
Appliance	✓	✓		✓
Software	✓		✓	
Virtual Machine	✓			
<b>INSTALLATION</b>				
No software installation	✓	✓		✓
Self Installation with Quick Start Guide	✓		✓	
Professional Services installation for custom deployments	✓			
<b>ADMINISTRATION</b>				
<b>REPORTS</b>	YES	YES	YES	YES
Details:	System Status (Hardware), System activity (connections, queues and status of services), Performance Profile, System Info (version & update information for modusGate, SCA, OS and virus definitions), Mail Filter Statistics (Threats Breakdown), Security/Recipient/Disk Usage Statistics	Hourly/Daily Mail Statistics, Performance Statistics, Inbound Email Statistics (Blocked, Virus, Quarantined)	Reports include # Viruses blocked, # Inbound email traffic, # Outbound email traffic, # Total inbound and outbound email traffic, # Processed emails, # Blocked emails	Reports include: Incoming/Outgoing Mail Trends/Threat Detection
<b>SPAM FILTER TRAINING</b>	Automatic Updates	Training Required	Training Required	Automatic Updates
<b>FILTERING FEATURES:</b>				
Standard Spam Filtering		✓	✓	✓
Advanced/Proprietary	✓			✓
Details:	Advanced proprietary SCA (Sequential Content Analyzer) scan engine	Standard Bayesian Filtering	Standard Bayesian Filtering	Proprietary SenderBase system plus Bayesian filtering
Anti-Virus Engines	Norman, McAfee	Open Source and Proprietary engines	Norman, BitDefender, McAfee, Kaspersky, AVG	Sophos
Image Spam Engine	Proprietary/Open Source	OCR and fingerprint analysis	No	Proprietary
Advanced Spam Blocking	Real Time Blacklists, Spoofing, Phishing, SPF, Reverse DNS Lookup, Anti-Virus, Blacklisting, Whitelisting, Block Scan Attack, SMTP Authentication	Spoofing, phishing and anti-virus protection.	MailEssentials supports SPF, Whitelisting, Custom Blacklisting, DNS Blacklisting, Bayesian Header Checking, Keyword checking and new senders	Adaptive scanning uses multiple criteria.

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<b>OTHER FEATURES:</b>				
DOS(Denial of Service)	✓	✓	X	✓
Outbound Message Filtering	✓	✓	✓	✓
Email Encryption	✓	✓	X	✓
Outbound email auto white-listing	✓	X	✓	✓
Supports Foreign Language Spam	✓	✓	✓	✓
Identifies Directory Harvesting	✓	✓	✓	✓
BATV (Bounce Address Tag Validation)	✓	X	X	✓
DKIM (Domain Key Identified Mail)	✓	✓	X	✓
Built in Scripting Language (Sieve)	✓	X	X	X
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Comment	Appliances may be clustered for greater capacity. Enterprise-class solution mBlade also available with processing power of up to 17 million messages per day.	Appliances can be clustered for greater capacity, entry level appliances support up to 500 active users and high-end model supports up to 30,000 users.	Straightforward entry-level solution that is extensible to allow for some growth.	Enterprise-level appliance based solution. Offers performance of more than 1 million messages per hour.