



Fortalice Internet Security Gateway



Highlights:

- *Controlling access to non-productive web sites.*
- *Providing detailed statistical reports on Internet activities down to user level.*
- *Virus scanning with constantly updated signature databases.*
- *Spyware filtering that protects both inbound and outbound traffic.*
- *Web-filtering with real-time URL database.*
- *Dynamic content scanning to block access to inappropriate websites (e.g. pornography, gambling, Web-mail, shopping).*
- *Enforces different Internet usage policies for different groups of users.*
- *Delivers continual updates which protect your users from the latest threats and inappropriate content.*
- *Protects users on the entire corporate network, including remote users.*
- *Traffic filtering for blended attacks and exploits.*
- *Safe and simple networking of branch offices*
- *IP Filter Firewall, NAT, and Bandwidth Controller.*
- *Intrusion Detection and Prevention Server.*
- *Virtual Private Networking with SSL/IPSec/L2TP/PPTP*

The Fortalice Internet Security Gateway is designed to provide comprehensive and flexible protection against existing and emerging web-based threats including viruses, phishing and pharming attacks, worms, trojans and other malicious codes as well as controlling employee Web access. It also protect your network by controlling user and remote site accesses with tightly integrated Firewall, IPS, and VPN.

Granular Web usage policies can be defined for the whole organization or down to an individual user group defined by system administrator. Real-time visibility of Web traffic and threat data together with the ability to make immediate policy changes ensures that Web security management matches the dynamic needs of the business.

Prevent Virus and Spyware Infections

Defends computers against virus infections from web downloads and web-based email. Blocks incoming spyware, adware and other malicious applications, and prevents malware from sending out confidential information.

Content Filtering

Mailsage applies an intelligent filtering system to analysis the content of a web page. Language independent statistical analyser compares the patterns of the web page and block access to it dynamically.

URL Filtering

URL filter draws on the extensive URL databases, which contains ratings of 15 million websites and billions of Web pages in over 50 categories to help you effectively set limits on approved and unapproved sites.

Intrusion Detection and Prevention

Detects and block malicious attack using

heuristics, pattern-based techniques. Control the use of Instant Messaging (IM) and Peer-to-Peer (P2P) applications.

Firewall

Provides stateful packet inspection, malformed packet protection, NAT, bandwidth controller.

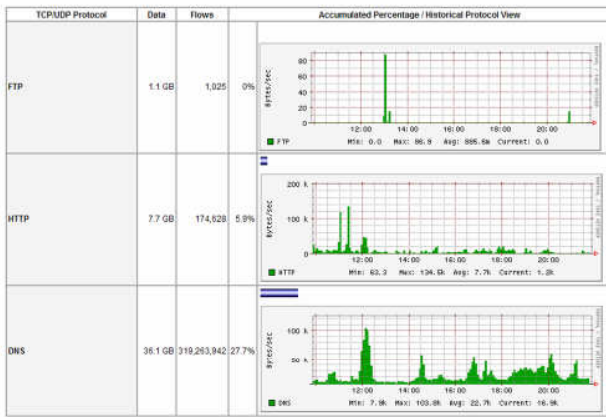
Integrated Logging and Reporting

Fortalice gateway provides detailed insight into network activity. Comprehensive reporting enables detailed analysis of Web threats and user activity.

Virtual Private Network

Mailsage SSL VPN gateway assures secure communications with remote offices and mobile workers. It also supports PPTP, L2TP and IPSec VPNs. Administrators can select from a broad range of VPN clients, including the native Windows and Windows Mobile PPTP and L2TP over IPSec clients, the Mac OS X VPN client, and other VPN.

Global TCP/UDP Protocol Distribution



Host Information

Traffic Unit: [Bytes] [Packets]

Host	Domain	IP Address	MAC Address	Other Name(s)	Bandwidth
192.168.20.1		192.168.20.1	00:0E:0C:B9:88:1B		
192.168.20.61		192.168.20.61	00:50:DA:94:42:FB		
192.168.20.17		192.168.20.17	00:0C:F1:CA:1F:1D		
192.168.20.55		192.168.20.55	00:00:09:DC:5C:F6		
192.168.200.20		192.168.200.20			
192.168.200.80		192.168.200.80			
202.67.150.151		202.67.150.151			
202.67.150.152		202.67.150.152			
192.168.20.27		192.168.20.27	00:07:40:C9:64:E9		
192.168.200.30		192.168.200.30			
192.168.20.18		192.168.20.18	00:11:11:50:DA:91		
192.168.20.95		192.168.20.95	00:13:20:A3:A9:94		
203.190.192.36		203.190.192.36			
192.168.20.16		192.168.20.16	00:0D:87:F1:2E:A2		

Sample Network Traffic by Protocol

Sample Host Information

Model	Mailstage	Mailstage	Mailstage	Mailstage
	Fortalice-1000A	Fortalice-2000A	Fortalice-5000A	Fortalice-8000A
Application				
Suggested No. of Users	Up to 100	Up to 200	Up to 500	Up to 1000
Capacity				
Users behind the firewall	Unrestricted	Unrestricted	Unrestricted	Unrestricted
Firewall throughput (Mbps)	260	420	1,200	3,000
VPN throughput (Mbps)	150	200	265	400
VPN tunnels	Unrestricted	Unrestricted	Unrestricted	Unrestricted
Policies	Unrestricted	Unrestricted	Unrestricted	Unrestricted
Security Applications				
Firewall	✓	✓	✓	✓
VPN Gateway	✓	✓	✓	✓
IM & P2P Control	✓	✓	✓	✓
Anti-Virus for Web Activity	✓	✓	✓	✓
Content Filter	✓	✓	✓	✓
URL Control	✓	✓	✓	✓
Proxy Control	✓	✓	✓	✓
Intrusion Detection		✓	✓	✓
Bandwidth Management		✓	✓	✓
Anti-Virus/Anti-Spam for Email	Option	Option	Option	Option
Hardware Specifications				
Form Factor	1U Rackmount	1U Rackmount	1U Rackmount	1U Rackmount
Processor	Intel P4	Intel P4 Dual Core	AMD Opteron 1210	2 x AMD Opteron 2210
Memory	512 MB DDR-2	512 MB DDR-2	3 x 512 MB DDR-2	2G ECC REG
Hard Drive	2 x 80G SATA (RAID 1)	2 x 80G SATA (RAID 1)	2 x 80G SATA (RAID 1)	2 x 80G SATA (RAID 1)
10/100/1000 Ethernet ports	2	3	4	4



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