

Proventia® Network Multi-Function Security

Complete Network Protection for Enterprises

Proventia® Network Multi-Function Security (MFS) MX5010 and M30 appliances from Internet Security Systems (ISS) are powerful and affordable solutions that preemptively stop all types of Internet threats—including viruses, worms, hackers, spam and unwanted Web content—before they penetrate the network and disrupt business.

PREEMPTIVE, INDUSTRIAL-STRENGTH PROTECTION IN A SINGLE DEVICE

Proventia Network Multi-Function Security appliances combine ISS industry-leading intrusion prevention technology with firewall, signature and behavioral antivirus, VPN, Web filtering and antispam technology. Designed for the demands of large enterprises and supporting up to 2,500 concurrent users, the Proventia MFS MX5010 ensures that your network, key systems and data are accessible when needed. The Proventia MFS M30 is ideal for smaller businesses or branch locations and supports up to 500 users. Both the Proventia MFS MX5010 and the M30 provide preemptive protection from Internet threats without jeopardizing network performance, and block malicious code and blended attacks like MS Blaster, Sasser and SQL Slammer-attacks that bypassed firewall and antivirus. The ability to stop threats before impact actually helps streamline IT operations by avoiding unscheduled patching and costly security breaches. Proventia also helps improve workforce productivity by protecting against spam, phishing and malware (i.e., spyware and adware) and unwanted Web browsing to non-business sites like online gambling, shopping and pornography. Proventia Network Multi-Function Security appliances are easy to use and manage with automatic updates to protect against future threats. The appliance also offers the flexibility to “grow as you grow” by seamlessly adding more security capabilities as needed.

HIGHLIGHTS:

- Combines intrusion prevention, signature and behavioral antivirus, firewall, VPN, Web filtering and antispam in a single appliance
- Automatic protection from more than 1000 threats—more than all other similar products combined
- Easy-to-manage and automatically updated with the latest security intelligence
- Best value for protection available
- Eliminates the need to acquire, install and manage multiple solutions from different vendors
- The only solution available with a protection guarantee—when managed by ISS

FEATURES & BENEFITS

Stateful Inspection Firewall – prevents access by unauthorized users

VPN – saves money by leveraging the public Internet for communications

Intrusion Prevention System – protect your network by blocking suspicious behavior before it causes harm

Antivirus – prevents infection by eliminating viruses before they cause harm. New Behavioral-based technology fights Zero-Day viruses without signatures!

Antispam – removes spam e-mails that could harm the network and protects network uptime and employee productivity

Web Filtering – prevents Web surfing to dangerous/inappropriate sites, protecting network uptime and improving regulatory compliance

Reporting – transforms raw data into informative and intuitive reports to aid decision-making

Automatic Updates – assures protection against the newest security threats by automatically updating itself on a regular basis

Guaranteed Protection – ISS unique service offering assures a 24/7 guaranteed level of protection to sustain operations while minimizing risk

Spyware Blocking – blocks internal users from downloading spyware and other malicious code, or surfing to Web sites that host spyware

Module	Protection Delivered
Intrusion Prevention	1000+ Vulnerability blocks protecting against 2500 different attacks
Signature Antivirus	120K known viruses protected by Sophos
Behavioral Antivirus	93%+ of unknown or 0-day viruses blocked
Antispam	95% of spam blocked
Web Filtering	60 million URLs categorized

PROVENTIA M30 AND MX5010 NETWORK MULTI-FUNCTION SECURITY AT A GLANCE



Proventia® M30
Multi-Function Security



Proventia® MX5010
Multi-Function Security

SYSTEM SPECIFICATIONS

	Proventia® M30 Multi-Function Security	Proventia® MX5010 Multi-Function Security
Hardware Specifications		
Form Factor	1U Tabletop/1U Rack-Mount	2U Rack-Mount
Interfaces (10/100/1000)	six 10/100 Mbps	ten 10/100/1000 Mbps
Weight	12 Pounds (5.5 KG)	40 Pounds (18.9KG)
Dimensions	16.87"W x 14.17"D x 1.73"H	3.46" H x 16.93" W x 19"D
Enclosure	Fits 19-inch rack / Desktop	Fits 19-inch rack
Serial ports	1	1
UPS Support	No	No
AC Power	100-127 V (50 - 60 Hz) 2 Amps 200-240 V (50 - 60 Hz) 2 Amps	90-260V (50 - 60 Hz) 500W
Operating Emissions	5C to 40C (67F to 130F) FCC Class A	10C to 35C (50F to 95F) EN 55022 Class A, EN55024
Redundant Power Supply	No	Yes
Redundant Disk Array	No	Yes
Operating System	Proprietary	Proprietary
Mean Time Between Failure	6.4 years	5.2 years
Network Features		
Network Address Translation	Yes	Yes
Masquerading/Port Address Translation	Yes	Yes
Reverse NAT	Yes	Yes
Traffic-based Access Control	IP, Port, Protocol	IP, Port, Protocol
DHCP	Client & Server	Client & Server
PPPoE Support	Yes	Yes
Layer 2 Mode	Yes	Yes
OSPF	Yes	Yes
VPN Features*		
IPSec with IKE	Yes	Yes
L2TP Support	Yes	Yes
Encryption Algorithms	DES, 3DES, AES	DES, 3DES, AES
Authentication Algorithms	MD5, SHA-1	MD5, SHA-1
Perfect Forward Secrecy (Diffie-Hellman)	Groups 1, 2, 5	Groups 1, 2, 5
IPSec NAT Traversal	Yes	Yes
PKI Support	Yes	Yes
Interoperability with major VPN vendors (IPSEC)	Yes	Yes
Certifications	NSS, ICSA Firewall-Corporate	NSS, ICSA Firewall-Corporate
Windows XP Client Wizard	Included	Included
Web Filtering		
URL Blocking	Over 60 Million URLs Categorized	Over 60 Million URLs Categorized
Rate of URL database updates	Over 120,000 updated URLs daily	Over 120,000 updated URLs daily
Number of URL categories	62	62
Image Analysis	Yes	Yes
Text Analysis	Yes	Yes
User Configurable include/exclude lists	Yes	Yes
Spyware Analysis	Yes	Yes

	Proventia® M30 Multi-Function Security	Proventia® MX5010 Multi-Function Security
Antispam		
SPAM Detection Rate	over 95%	over 95%
False Positive Rate	0.01% (1 in 10,000)	0.01% (1 in 10,000)
Subject Line Tagging	Yes	Yes
Automatic SPAM deletion	Yes	Yes
SPAM sample database	over 200,000	over 200,000
Supported mail protocols (SMTP and POP3)	Yes	Yes
Signature Antivirus Features		
Protocols protected	HTTP, FTP, SMTP, POP3	HTTP, FTP, SMTP, POP3
Inbound/outbound inspection	Yes	Yes
E-mail Attachment Inspection (including compressed files)	Yes	Yes
Zip	Yes	Yes
MIME/UU	Yes	Yes
LHA/LZH	Yes	Yes
TAR	Yes	Yes
GZIP	Yes	Yes
ARJ	Yes	Yes
CAB	Yes	Yes
PKLite	Yes	Yes
LZEXE	Yes	Yes
Behavior Based Antivirus Feature		
Protocols protected	HTTP, FTP, SMTP, POP3	HTTP, FTP, SMTP, POP3
Stops 0-day variants such as Zotob, Blackworm and others	Yes	Yes
Spyware Analysis	Yes	Yes
IPS/IDS Features		
# of Protocols Inspected	More than 137	More than 137
# of Attack Signatures	More than 2500	More than 2500
Blocking	Yes	Yes
Number of Blocked threats out of the box	More than 1000	More than 1000
Drop offending packet	Yes	Yes
Reset connection	Yes	Yes
Block connection	Yes	Yes
Block worm	Yes	Yes
Block Trojan	Yes	Yes
Block Intruder	Yes	Yes
Neuter attack	Yes	Yes
Block future traffic	Yes	Yes
Certifications	NSS; ICSA Pending	NSS; ICSA Pending

*Free VPN client available using Windows XP L2TP VPN client or by purchasing a separate VPN client

	Proventia® M30 Multi-Function Security	Proventia® MX5010 Multi-Function Security
Performance		
Maximum Recommended Users *	500	2500
Statefull Throughput Speed (Firewall only)	200 Mbps	1600 Mbps
Full Inspection Speed - Firewall, IPS and Web Filtering	200 Mbps	800 Mbps
Full Inspection Speed - Intrusion Prevention, Web Filtering and Antivirus (mail only)	200 Mbps	566 Mbps
Full Inspection Speed - Intrusion Prevention, Web Filtering and Antivirus (mail, ftp, Web)	94 Mbps	150 Mbps
Maximum Connections per second	4,100	12,500
Maximum Concurrent Sessions	120,000	150,000
VPN		
Maximum VPN 3DES Encryption Speed	65 Mbps	72 Mbps
Maximum VPN AES Encryption Speed	143 Mbps	247 Mbps
Maximum VPN 3DES Encryption Speed with Hardware Acceleration	NA	247 Mbps
Maximum VPN AES Encryption Speed with Hardware Acceleration	NA	313 Mbps
VPN Capacity or Maximum Recommended Tunnels (Site-to-Site / Remote)	250	250
E-mail (With both Antivirus and Antispam)		
Maximum Number of 1K Messages throughput per Hour	44,784	116,400
Maximum Number of 1K Messages with 500K attachment throughput per hour	7,665	11,808
Logging/Notification		
Event logging	Yes	Yes
E-mail	Yes	Yes
SNMP	Yes	Yes

	Proventia® M30 Multi-Function Security	Proventia® MX5010 Multi-Function Security
Management		
Centralized Management	Yes (SiteProtector™)	Yes (SiteProtector)
Local Management	Web-based	Web-based
Multiple administrators and user levels	Yes (with SiteProtector)	Yes (with SiteProtector)
External administrator database	Yes (with SiteProtector)	Yes (with SiteProtector)
Multi-language support	No	No
Secure Shell Access	SSH	SSH
High-Availability/Fail-Over		
Active-Passive	Yes	Yes
VPN User Authentication		
Internal database	Yes	Yes
RADIUS (external) database	Yes	Yes
LDAP support	Through Radius	Through Radius
RSA SecureID (external) database	Through Radius	Through Radius
Xauth over RADIUS for IPsec VPN	Yes	Yes
IP/MAC address binding	Yes	Yes
Technical Support		
Hours available standard	24/7/365	24/7/365
Hours available premium	24/7/365	24/7/365
Number of support Incidents	Unlimited	Unlimited
Number of designated callers	2-5	2-5
Additional designated callers	Optional	Optional
Additional languages	Optional	Optional
Customer portal	Yes	Yes
Customer knowledgebase	Yes	Yes
Warranty	One Year + Contract	One Year + Contract
Advanced hardware replacement	Yes	Yes
Certifications	SCP (Support Center Practices) JD Power and Associates NSS ICSA Firewall-Corporate	SCP (Support Center Practices) JD Power and Associates NSS ICSA Firewall-Corporate

* Capacity ratings based on nodes represent general guidelines about the size of the network that should be placed behind a particular Proventia Network Multi-Function appliance model.

GLOBAL HEADQUARTERS

6303 Barfield Road
Atlanta, GA 30328
United States
Phone: (404) 236-2600
e-mail: sales@iss.net

REGIONAL HEADQUARTERS

Australia and New Zealand
Internet Security Systems Pty Ltd.
Level 6, 15 Astor Terrace
Spring Hill Queensland 4000
Australia
Phone: +61 (0)7 3838-1555
Fax: +61 (0)7 3832-4756
e-mail: aus-info@iss.net

Asia Pacific
Internet Security Systems K. K.
JR Tokyu Meguro Bldg. 3-1-1
Kami-Osaki, Shinagawa-ku
Tokyo 141-0021
Japan
Phone: +81 (3) 5740-4050
Fax: +81 (3) 5487-0711
e-mail: jp-sales@iss.net

Europe, Middle East and Africa
Ringlaan 39 bus 5
1853 Strombeek-Bever
Belgium
Phone: +32 (2) 479 67 97
Fax: +32 (2) 479 75 18
e-mail: isseur@iss.net

Latin America
6303 Barfield Road
Atlanta, GA 30328
United States
Phone: (404) 236-2709
Fax: (509) 756-5406
e-mail: isslatam@iss.net

Get the facts now!

Learn how the Proventia Network Multi-Function Security appliance can protect your business ahead of the next Internet threat, and dramatically simplify your security management. Be sure to ask if your company qualifies for a free 30-day trial. For more product information visit: www.iss.net

For an on-site demonstration, contact an office location near you.