

# MODEL N-2501-S

PREDICT AND PROTECT

DATASHEET

## 10MB ALL-N-ONE SECURITY MODULE



### ON PREMISE APPLIANCE

- 1U Rackmount Form Factor
- Dual Dual-Core Xeon® Processors
- Dual 10MB RJ-45 Failover LAN Interfaces
- UTM Hardware, software, and maintenance

### UNIFIED THREAT MANAGEMENT

- Integrated firewall, intrusion prevention, antivirus, antiSPAM, IP reputation, and content filtering
- IPSec VPN for secure site-to-site connectivity and remote access
- Centralized management including updates, monitoring, and reporting
- Optional:
  - Network Behavioral Analysis (NBA) & Correlation
  - Vulnerability Scanner
  - Security Event Management
  - Network Access Monitoring

### Zero-Hour™ Virus Protection

Signature-less protection is an essential complement to traditional AV technologies, security experts agree. By proactively scanning the Internet and identifying massive virus outbreaks as soon as they emerge, Zero-Hour Solution provides just that: proactive virus blocking that is effective and signature-independent.

### RPD™ Enabled Anti SPAM

Recurrent Pattern Detection (RPD™) technology detects and blocks spam in the first few minutes of an outbreak. With 99.996% accuracy rate, no other anti-spam solution performs better, while avoiding the vicious tradeoff between accuracy and effectiveness. Best of all, Recurrent Pattern Detection is inherently immune from spammer's evolving foiling attempts, and has been shown to maintain and increase its effectiveness over time.

### IP Reputation™ Service

With unsolicited email comprising over 65% of all email, enterprises and service providers face bloated IT costs, and deterioration in the quality of service for valid traffic. IP Reputation Service fights spam and email-borne malware at the perimeter, reducing up to 80% of incoming messages at the entry-point before these messages enter the network, and with no false positives. Additionally, IP Reputation Services are used to optimize traffic flow so that legitimate sources gain optimal access, while unauthorized sources attempting to abuse the network are blocked.

- Increases security: the majority of malicious mail never enters the network, resulting in increased organizational security.
- Saves bandwidth, enhances performance: bandwidth requirements are substantially reduced, guaranteeing better quality of service for the remaining traffic.
- Reduces system resources: reduces second-tier resource requirements, e.g. hardware, network, software.
- Eliminates false positives: a measured response to threats through throttling and tarpitting virtually eliminates false positives.
- Improves detection rate: overall (first and second tier) detection rate is improved.

### SIGNATURE DETECTION AND PREVENTION

#### Snort™

- Deep-packet inspection of layers 1-7
- Tunable Signatures 24/7
- Terminates an attack session by blocking relevant session IP packets

### "ON-DEMAND" MANAGED SECURITY SERVICES

- 7pm to 7am Weekdays, Weekends & Holidays or - Full coverage 24/7/365
- Private customer Web portal: View alerts, scans, run reports in real-time
- Customized alert escalation and notification procedure



Global DataGuard

[www.globaldataguard.com](http://www.globaldataguard.com)



### N-2501-S TECHNICAL SPECIFICATIONS

#### Form Factor

1U Rackmount Form Factor (1.7" 43mm)

#### Processor(s)

Dual Dual-Core Intel® 5130 64-bit Xeon® with 1333MHz FSB  
Processor Speed: 2.4 GHz  
Processor Cache Size: 2Gb Level 2

#### Motherboard

Intel® 5000V (Xeon® Dual-Core Blackford VS) Chipset

#### Memory

8GB DDR2 667 & 533 SDRAM  
Fully Buffered DIMM (FB-DIMM)

#### Storage System

CD-ROM Device: Slimline 24x CD-ROM 12x CD-RW  
Hard Drive Type: IDE (ATA-100)  
6x SATA2 3.0 Gbps Ports via ESB2 Controller  
Dual Mirrored Hot-swap SAS/SATA 250GB drive

#### Networking

Dual 64-bit/133Mhz PCI-X network interface ports providing failover capability  
Two Intel® (ESB2/Gilgal) 82563EB Single-Port Gigabit Ethernet Controllers  
Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output

#### Communication Ports

123/udp NTP  
4200/tcp ORB (encrypted)  
9112/tcp eTunnel Primary  
9113/tcp eTunnel Secondary

#### PCI Expansion Slots

1 Universal Slot Supporting:  
1 (x8) PCI-Express OR  
1x 64-bit 133MHz PCI-X,  
1x 64-bit 133MHz PCI-X,  
1x 32-bit 33MHz PCI

#### External I/O Interfaces

PS/2 Keyboard and Mouse Ports (disabled)  
GRAPHICS SUBSYSTEMS (disabled)  
Parallel Port (disabled)  
USB (disabled)  
Serial Port (enabled)

#### Power System

520W AC to DC power supply w/PFC  
AC Voltage 100-240V, 50-60Hz, 7-3 Amp  
+5V 20 Amp  
+5V standby 3 Amp  
+12V 39 Amp  
-12V 0.5 Amp  
+3.3V 16 Amp

#### Cooling

4 x 4cm 12,500 RPM fans  
Operating temperature: 10° to 35° C (50° to 95° F)  
Non-operating temperature: -40° to 70° C (-40° to 158° F)  
Operating relative humidity: 8% to 90% (non-condensing)  
Non-operating relative humidity: 5 to 95% (non-condensing)

#### Mounting Hardware

Rackmount rails, ball bearing slide rails (brackets included), center-mount optional

#### System Dimensions and Weight

Height: 1.7" (43mm)  
Width: 17.2" (437mm)  
Depth: 19.8" (503mm)  
Machine Weight: 31 lbs (14.1kg)  
Shipping Weight: Approximately 37 lbs

#### Operating System

Linux 2.6 Kernel

#### Proprietary Software

Global DataGuard ASM Software

#### Configuration/Capacity Requirements

UTM Application	MCU	BCM	ASM
Stand Alone	0	0	1
Slaved Signature-Only	1	0	100
Slaved Behavioral	1	0	100

