

ALL-N-ONE SECURITY CORE MODULE

**ON PREMISE APPLIANCE**

- 10/100/1000 Mb
- 1U Rackmount Form Factor
- Core 2 Duo Processor
- Dual 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:
 - Vulnerability Scanner

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



N-2500-S TECHNICAL SPECIFICATIONS

Form Factor

1U Rackmount Form Factor (1.7" 43mm)

Processor(s)

Core 2 Duo Echo6550
Processor Speed: 2.33 GHz
Processor Cache Size: 2Gb Level 2

Memory

2GB 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
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: 14" (355mm)
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

