WEDGE
NDP-2200

Wedge Networks'™ newest flagship product, the NDP-2200 is a 40 gbps throughput Deep Content Inspection appliance, purpose-built for the performance and accuracy requirements demanded by large enterprises, ISP's, Fixed Line and Mobile Operators, and high bandwidth organizations.

As a multi-gigabit Deep Content Inspection appliance, the Wedge NDP-2200 can be easily deployed into any network to transparently enforce Deep Content security policies such as blocking infected traffic at wire line speeds. It is a purpose built appliance for protecting web surfing PCs, laptops and smartphones from infections, for defending web and application servers against malicious attacks, and for enforcing company policies while not impacting the end user perception of internet performance and reliability.

Setting The New Standard For High Bandwidth Security

The Wedge NDP - 2200 was built from the ground up with a focus on catering to those high bandwidth users for which other solutions are unable to protect. Based on Wedge Networks'™ award winning WedgeOS™ Deep Content Inspection platform, this hardware / software combination provides the next generation of Network Based Deep Content Inspection solutions. It incorporates the best of breed content security techniques to protect the network by inspecting commonly used application layer protocols, such as HTTP, SMTP, POP3, IMAP and FTP, effectively eliminating threats before they reach network endpoints (servers, desktops and mobile devices).

Integration

Fully Integrated for use with the many *Wedge Security Services such as Anti-Virus, Anti-Spam, DLP, Mobile Security, Safe Search and Web Filter* to allow dedicated security policies to be deployed across the web and email with a single appliance.

Built for performance with the *SubSonic Engine's™* unique traffic handling, the resource needs for anti-malware defense are easily administered while allowing room for organizations to grow and add additional protection services without altering user experience.

Seamless network integration with the ability to deploy as a transparent inline bridge, the Wedge Content Security appliances can be deployed into your network with no need for costly and disruptive network outages and reconfigurations. In addition, other deployment modes such as WCCP, ICAP, etc. allow for maximum flexibility.

KEY MARKETS
Internet Service Providers
Fixed Line & Mobile Operators
Social Media Providers
High Bandwidth / High User Enterprise Environments

AVAILABLE SECURITY SERVICES
• Anti-Malware
• Anti-Spam
• Data Loss Prevention
• Mobile Security
• Web Filter

PROTOCOLS INSPECTED
The Award Winning WedgeOS™ brings together malware protection for both e-mail and web traffic by fully supporting Bi-Directional Scanning of HTTP, FTP, SMTP, POP3 and IMAP Content.

FOR ORGANIZATIONS NEEDING
High Throughput Requirements
High Accuracy
200,000+ User Concurrency

LEVERAGING THE POWERS OF
WedgeOS™
SubSonic Engine™ Technology
Green Streaming™
Open Service Bus™
Deep Content Inspection
Transparent Malware Protection Services

AWARDS

THE GOLDEN BRIDGE AWARDS
GOLD
BEST 2012
BUSINESS WORLD

SC MAGAZINE ★★★★¾
UTM Category 2012

Info Security Products Guide
2015
GLOBAL EXCELLENCE
GOLD
★★★★★

SC MAGAZINE ★★★★★
Anti-Malware Gateway Category 2011

wedge
networks
securing the cloud connected world

Specifications

NDP-2200

Performance

Estimated Peak Performance*	10 Gbps (on 10 Gbps NIC cards)/ 40 Gpbs (on 40 Gbps NIC cards)
	4 Gbps (Asymmetric Request URL Filtering - Half-Duplex)
	(Actual traffic represented is 25Gbps)
Email (messages per hour)	24,000,000+
HTTP (requests per hour)	Up to 60,000,000
Concurrent Users	200,000+
(actual number of users is much higher depending on network characteristics)	

Hardware

CPU	2 x 14 Core Intel® Haswell® E5-2697v3 (35MB Cache, 2.60 GHz)
RAM	8 DIMS x 16GB RAM - ECC DDR4-2133 (Up to 384 GB)
Storage	2 x 120GB MLC SSD (hot swappable) / Software RAID
Network Ports	4 x 1GbE Copper + 4 x 10 Gb SFP+
Power Supply	800W 2U 1 + 1 Redundant Power (hot swappable)
	AC 100~240VAC
Command Console	Dedicated iLO Connector and COM (RJ-45)
Peripheral Ports	USB 2.0 × 2 + VGA, USB 3.0 × 1 (Front) and 2 (Rear)

Physical/Operational

Form Factor	2U Rack mount
Width, Depth and Height	17.54'' × 26.75'' × 3.44''
Weight	40 lbs
Operating Temperatures	0°C to 40°C
Storage Temperatures	-30°C to 60°C
Relative Humidity	8% to 85%
Power Consumption (W)	800W
Certifications	CE, FCC, RoHS, UL, CCC

*Peak Performance varies and is dependant on security services being utilized.

Functions Available on the Cloud Network Defense™ Security Suite

Anti-Malware stops attacks before they reach the vulnerable and information-laden endpoints. Wedge Anti-Malware provides the most accurate and up-to-date detection and blocking of network attacks. It is the only solution able to utilize multiple full signature databases, with real-time sandboxed behavioural heuristics that can detect zero-hour attacks.

Anti-Spam provides the most accurate detection and blocking of spam and phishing attacks with zero-false positives. Utilizing the world's largest messaging intelligence network, consisting of more than 2 Billion mailboxes in 190 languages, Wedge Anti-Spam is the most comprehensive and up-to-date protection against all forms of phishing. It is also the only transparent (non-MTA) two-way messaging security that goes beyond IP reputation.

Web Filtering monitors, filters, and reports on web usage at the network. It utilizes the most accurate web classification database and is the only zero-false positive human-reviewed database available with the largest number of categories in the industry.

Data Loss Prevention detects and prevents the leakage of structured and unstructured data-in-motion. With the largest coverage of file formats and protocols for inspection available, Wedge DLP provides the highest accuracy of content detection with a two-staged scanning process. Utilizing built in compliance support, Wedge DLP offers the lowest TCO for protecting unstructured data (i.e. corporate IP).

Mobile Security detects and blocks targeted attacks against mobile devices. Providing the most comprehensive mobile detection available, Wedge Mobile Security has universal device and application protection, offering protection from blended attacks. With zero-device footprint, Wedge Mobile Security offers the lowest TCO with lightweight provisioning.

Unequaled Performance

The NDP-2200 allows Carriers, Telecom Companies and Internet Service Providers to add an extra layer of protection for all of its users, providing the accuracy and performance needed in high bandwidth environments.

Wedge Networks™, Inc.

is transforming the way security is delivered. Powered by the innovative WedgeOS™, Wedge Networks' Cloud Network Defense™ platform is designed to combat the shifting threat landscape associated with cloud, mobility, Internet of Things and consumerization of IT. By embedding security within the network as an elastic, scalable service, it is the only cloud security solution to perform high-performance content inspection without requiring traffic to leave the network. The Wedge Platform™ is deployed globally, delivering security protection for tens of millions of users in Fortune 500 companies, government agencies, internet services providers, and across all industry verticals. Wedge Networks™ is headquartered in Calgary, Canada and has international offices in Dallas, USA; Beijing, China; and Manama, Bahrain.

Wedge Instant-On Program

The Wedge VM™ is available for free trial through the Wedge Instant-On program. The free evaluation comes with 45-day trial license for all services.

Our extensive Product Evaluation Programs allow you to experience the Wedge Content Security platform as part of your decision process.

Call 1-888-276-5356 or visit wedgenetworks. com today for more information.