

NORMAN®

"What was especially interesting for Arla Foods was that the system could be implemented without requiring major changes to the existing equipment."
Jens Roed Andersen,
Chief Information Security Officer at Arla



NetworkProtection appliance series

KEY FEATURES

- Deployable anywhere in the network
- Independent of the network infrastructure
- Protects both servers and clients
 - Transparent to all entities in the network
- Requires no network adaptation
- Fit for small or larger networks
- Unmatched protocol scanning capabilities: FTP, HTTP, SMTP, POP3, RPC, TFTP, IRC and CIFS/SMB
- Supports unlimited number of VLAN's



Norman Network Protection, a comprehensive, high-performance security appliance that helps organizations to effectively protect critical IT infrastructure against cyber crime.

There is little doubt that organizations today must protect their networks from malicious threats to their corporate and customer data. With more information moving in and out of networks from a variety of sources, the risk of infection from malicious software (malware) is high. It is not just the threats themselves that are dangerous. Many users are exposing confidential and sensitive information, which heightens the risk of compromising systems by not taking proper precautions.

These threats can pose large problems for network administrators and updating and maintaining security solutions should never be neglected!

Ease of deployment

Since anti-malware scanning is performed over the wire, there is no need for any advanced configuration. The appliance is transparent and there is no need for any IP configuration other than enabling access to the appliance from the web-based console.

Enhanced Security

Looking for malware where no other solution is able to! Thousands of malicious files are using network protocols to get deeper into your network. With NNP, for the first time, you are able to prevent spreading on frequently used network protocols like RPC, CIFS and SMB in addition to the traditional internet protocols.

Latency - not a problem

Traditional proxy solutions have several drawbacks. The most important consequence is the latency in data traffic created by the proxy itself. A proxy holds back the entire stream of files, while NNP avoids this problem by only holding back the necessary data needed to perform a malware scan.

Prevention

When the NNP appliance detects a malicious file in transfer on your network, it actively terminates the file transfer and blocks the specific network path to prevent other users or systems from accessing the same file.



Norman DNA Matching, a new proactive technology and method for identifying the viral profile of all kinds of malicious programs.



Malware scanning powered by Normans antivirus engine, utilizing the proactive technology Norman SandBox@!

NETWORKWORLD

"Yes, the product that really made Bruiser's day is the Norman's Network Protection appliance (NNP).

(...) What makes the product so impressive is that it does not delay your traffic using a traditional proxy based method of scanning for malware. The packets are duplicated in NNP and the originals are passed through the system to the destination in real time.

(...) Now if I just kept my laptop safe and sound behind one of these puppies, I'd never have to spend time in the pound, getting a cleaning and scrubbing from CPU intensive virus scanners."

Submitted by Bruiser on Sun, 09/21/2008 - 5:47pm.

PRODUCT DETAILS

Available as hardware and software based solutions.

Highly scalable hardware platform .

Runs on Linux .

Multithreaded application with multi-CPU support.

Norman Scanner Engine with Norman SandBox® and Norman DNA Matching Inside.

Transparency

NNP operates on the packet layer in the network and is transparent to the IP traffic. No IP reconfiguration of your network is needed, just add an address for the administration interface and NNP is instantly protecting your network.

Norman SandBox®

Being proactive is the only way to stay secure. With Normans SandBox® technology targeted attacks and never previously seen malware will be detected. The Norman SandBox® Technology is a virtual environment where programs may perform in safe surroundings without interfering with the real processes.

Features & Benefits

- You avoid heavy costs concerning configuration and maintenance
- Realtime scanning of network traffic with Minimal Latency Session Shadowing®
- Realtime analysis of unknown malware via Norman SandBox® logs
- Automatic Outbreak Prevention and Damage control with malware source detection and isolation
- Supports multiple protocols: FTP, HTTP, SMTP, POP3, RPC, TFTP, IRC and CIFS/SMB
- Multi-tiered traffic blocking or exclusion based on IP-address, MAC-address or VLAN ID
- Command Line Interface management available
- Automatic and transparent scan engine and signature update via Internet
- Integration with SNMP-based management tools
- Malware notifications by SNMP or SMTP (Email)

	NNP-CR100-75	NNP-CR100-250	NNP-PE1950-III-500
Nodes protected	75	250	500
Processor	Intel E4300, 1,8GHz - 800MHz FSB, 2MB cache	Intel E4300, 1,8GHz - 800MHz FSB, 2MB cache	Quad-Core Xeon E5420 2.5GHz/ 2x6MB 1333FSB
RAM	2.0GB 533MHz Non-ECC DDRII Memory (2*1GB)	2.0GB 533MHz Non-ECC DDRII Memory (2*1GB)	4096MB 667MHz DDR2 SDRAM (2x2048MB)
Hard drive	250GB SATA	250GB SATA	2x73 GB, SAS 15k 3.5" HD Hot Plug
Network Cards	3x10/100/1000MB/s Ethernet	3x10/100/1000MB/s Ethernet	3x10/100/1000MB/s Ethernet
Options			
Processor			Quad-Core Intel® Xeon® E5420 2x6MB Cache, 2.5GHz/1333MHz FSB
Network Card			2 x Intel PRO 1000PF Single Port Server Adapter, Gigabit NIC, Optical, PCI
Power Supply			Redundant Power Supply



Norman ASA is a world leading company within the field of data security, internet protection and analysis tools. Through its SandBox technology Norman offers a unique and proactive protection unlike any other competitor. While focusing on its proactive antivirus technology, the company has formed alliances which enable Norman to offer a complete range of data security services. Norman was established in 1984 and is headquartered in Norway with continental Europe, UK and US as its main markets.

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