



MULTI-FUNCTION FIREWALL

NETASQ ADVANTAGE	SIMPLIFIED ADMINISTRATION	APPLICATION CONTROL	VULNERABILITY MANAGER	PERFORMANCE PROTECTION CONTROL	
UTM	SSL DECRYPTION	WEB FILTERING	ANTIVIRUS	ANTISPAM	USER IDENTIFICATION
"NEXT GENERATION" FIREWALL	FIREWALL	INTRUSION PREVENTION	IPSec & SSL VPN	QoS	HIGH AVAILABILITY

In 2010, more than 580 million web attacks were reported, 8 times the number of attacks in 2009. Faced with such an explosion, NETASQ's innovative, patented technology provide defense-grade protection, performance and control over the corporate infrastructure. With a wide array of solutions adapted to all business sizes, every NETASQ customer can rest assured that it will benefit from security without compromise as well as some of the lowest operating costs.

CHOOSING A MULTI-FUNCTION FIREWALL

Firewall products allow quick and simple segmentation of your network. But today, even with stateful connection tracking, packet filtering is no longer enough. Protection is now needed not only at the network level but throughout all layers of the OSI model, from packet data to application traffic.

This is why NETASQ firewalls provide a multitude of protection methods. Centered on an intrusion prevention and application filtering engine, antivirus, antispam and URL filter functions contribute to the reinforcement of your company's security while dramatically reducing your administration costs.

PROTECTION

INTRUSION PREVENTION

NETASQ's attack prevention engine is the product of over 12 years continuous research and development. Various patented innovations ensure that every threat is met with an effective, adapted response.

APPLICATION CONTROL

Beyond application firewall functions, which simply recognize and block applications (MSN, P2P, etc.), NETASQ's solutions provide a unique application inventory feature for auditing the various services available on the network (web, messaging, etc) in real time. In addition, NETASQ's application IPS, a unique and so far unrivalled technological innovation, effectively isolates and deletes threats

to web applications – such as Facebook or Gmail – on the fly.

ANTISPAM – ANTIVIRUS

NETASQ's antispam detects up to 99.7% of spam thanks to an efficient combination of heuristic analysis and multiple reputation-based databases. Effective also on image spam, the embedded antispam module has very high accuracy and very low false positives.

The antivirus module is available on all products in the range. It efficiently detects more than 500,000 viruses- more than 500 times the number detected by competitors' products, most of which rely on databases limited to only recent viruses (wild lists).

SSL INSPECTION

NETASQ's solutions decrypt the SSL protocol and inspect the encapsulated traffic. Unlike many solutions which restrict themselves to HTTPS traffic, NETASQ's SSL inspection covers several protocols. All traffic encapsulated in SSL is sent to the attack prevention engine.

BEST OF BREED TECHNOLOGY PARTNERS

Kaspersky Antivirus

Kaspersky has been a leading name world-wide in antivirus protection for many years. The Kaspersky solution, available throughout the whole range, allows you to benefit from the best dedicated antivirus embedded in a multi-function device.

Optenet URL Filtering

Optenet's URL database references more than 100 million websites, spread across more than 60 categories. Compiled through a parallel processing algorithm, the latency caused by the use of this database is lower than 1ms. Users can therefore surf with performance, protection and control.

PERFORMANCE

Performance is a decisive factor when choosing network equipment. Once touted as the perfect solution, hardware acceleration soon revealed its limits, incapable of adapting to changing threats.

VPN ASIC

NETASQ's multi-function firewalls embed hardware acceleration where it performs best. VPN encryption and decryption are the most resource intensive operations and rely on proven algorithms. All NETASQ products are therefore equipped with hardware acceleration for their encryption and decryption operations.

SOFTWARE ASIC

In order to provide the best performance in the inspection of application traffic, NETASQ has developed the unique concept of a software ASIC, which combines the performance of hardware acceleration with the flexibility of software. The threat prevention engine is embedded within the operating system, in direct interaction with network drivers. Compared to a classic implementation, the NETASQ architecture uses only half the resources and greatly reduces processor load. Thanks to this unequalled level of performance, NETASQ enables the attack prevention engine on all firewalls by default.

"DESIGNED BY NETASQ"

All products in the range are devised and developed by NETASQ's R&D team in order to optimize the synergy between operating system and hardware. Unlike generic network appliances, NETASQ's total control over design, combined with superior component selection and the guarantee of being manufactured in the European union, ensures a consistently high level of quality and performance.

CONTROL

THE BEST MANAGEMENT INTERFACE

Mastering the administration of some security solutions can take a long time, but not with NETASQ. Object-oriented configuration, step-by-step wizards and real-time error detection are just some of the unique user-friendly aids enabling NETASQ administrators to concentrate on security policy, rather than the learning curve of a new management interface.

NETASQ VULNERABILITY MANAGER

Regardless of a company's level of protection, fixing vulnerabilities on its infrastructure is imperative.

But how do you know if vulnerabilities exist or where they are? For many companies, just making an inventory of the installed applications and then keeping a systematic lookout for vulnerabilities is already an impossible task. With NETASQ's unique and patented application inventory and real-time vulnerability detection technology, that task is not only manageable, but simple. NETASQ's Vulnerability Manager alerts you to detected vulnerabilities and then points you to any applicable fixes.

USER IDENTIFICATION

Since 2003, NETASQ has been fully integrating user identification in its security policies. Compatible with all major directories, user authentication provides an additional solution for building a more accurate and thus more effective security policy.

IPSec & SSL VPN

In 2004, NETASQ was the first company to offer an SSL VPN solution within a multi-function firewall. IPSec and SSL VPN features allow administrators to take control over their network infrastructures securely linking multiple sites together and providing secure access to mobile users.

HIGH AVAILABILITY

The overarching goal for any IT department is to deliver service continuity. For this reason, NETASQ solutions not only offer high availability in the form of redundant, active-passive configurations but in the event of a failure, can safely switch traffic from one firewall to another in less than a second. In many situations, with such blistering speed, even the most serious incidents can pass unnoticed by network users.

About NETASQ

With over 75,000 unified threat management firewalls deployed to business, government and defence organisations of all sizes, NETASQ delivers solutions of unrivalled performance, protection and control and the most comprehensive EU and NATO certifications of any firewall.

For further information: www.netasq.com

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