



NETASQ U SERIES

PROTECTION, PERFORMANCE, CONTROL

KEY BENEFITS OF THE U SERIES

- Security without Compromise
- High performance
- Simplified configuration
- Proven and certified solutions

INDEPENDENT CERTIFICATIONS



REFERENCES

More than 75,000+ firewalls deployed with our clients:

- Ministries
- Universities
- Banks
- Telecom operators
- SMEs
- Head offices

SIMPLIFIED CONFIGURATION

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 enable NETASQ administrators to concentrate on security policy, rather than the learning curve of a new management interface.

ATTACK PREVENTION

The various patented, proactive inspections performed by NETASQ's attack prevention engine, provide effective protection from many categories of attack. In just the past 3 years, these protection mechanisms have, for example, already blocked over 1,800 web session hijacking (XSS) attacks for our customers.

APPLICATION CONTROLS

Going beyond the application firewall, NETASQ's attack prevention engine (IPS), an unparalleled technological innovation on the market, effectively isolates and deletes threats to web applications – such as Facebook or Gmail – on the fly.

BUILT-IN ANTIVIRUS AND ANTISPAM

NETASQ's antispam detects up to 99.7% of current spam. Effective also on image spam, the embedded antispam module has very high accuracy and very low false positives. The antivirus effectively blocks 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).

MULTI-PROTOCOL SSL INSPECTION

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

VULNERABILITY MANAGEMENT

Thanks to a unique and patented technology, NETASQ's solutions inform you when vulnerabilities are detected and point you to any applicable fixes that might exist.

HARDWARE ACCELERATION

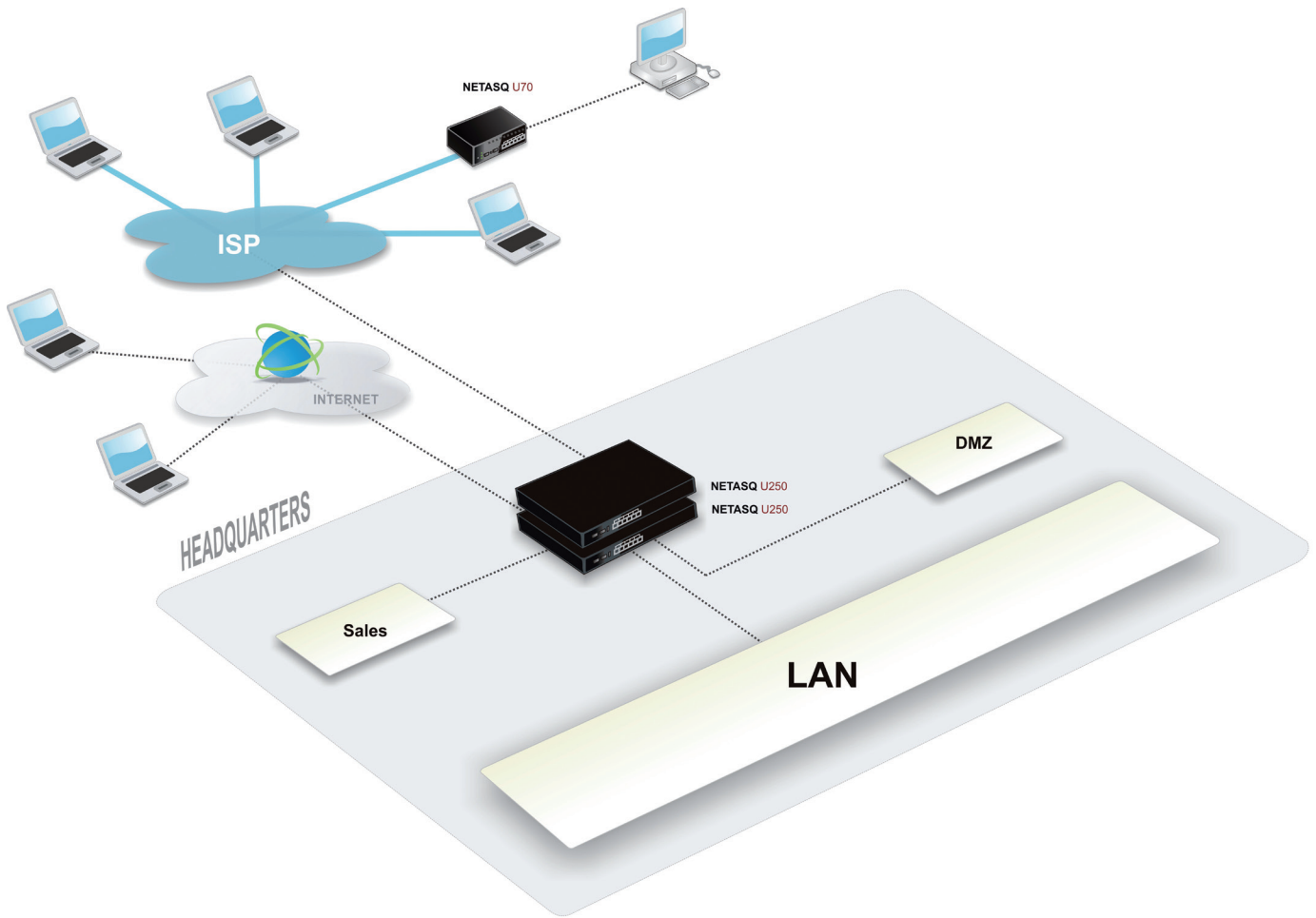
To ensure the best performance, U Series appliances embed hardware acceleration for encryption.

IPSEC & SSL VPN

IPSec and SSL VPN allow administrators to maintain control over their network infrastructures while interconnecting multiple sites or providing secure access to mobile users.

"DESIGNED BY NETASQ"

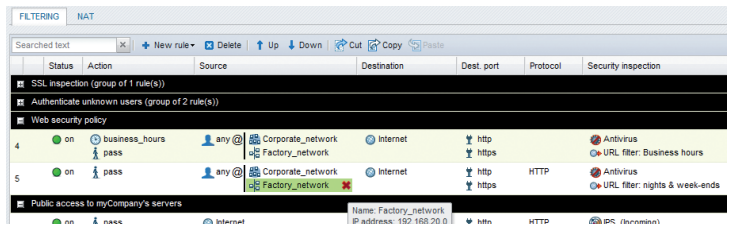
All products in the U Series range were devised and developed by NETASQ's R&D team, then manufactured in France. Total control over design, combined with a selection of the best components, guarantee a very high level of quality and performance.



SECURITY WITHOUT COMPROMISE, REGARDLESS OF NETWORK SIZE

Combining defense-grade protection with the most intuitive security configuration interface ever designed, NETASQ's U Series is the ideal solution for protecting the corporate network, regardless of size.

For example, real-time help immediately warns the administrator if logical errors are detected in the security policy, while search and grouping options make filter rules easier to later find, read and edit.



MANAGEMENT & REPORTING

NETASQ firewalls come with a full suite of administration solutions:

- Real-time monitoring
- Centralized management
- Automatic report generation

ONE RANGE FITS ALL

NETASQ's range of firewalls address the protection needs of companies of all sizes.

Perfect compatibility between every system guarantees flexible and powerful interconnection.

PERFORMANCE*	U30	U70	U120	U250	U450
Firewall + Intrusion prevention (Mbps)	200	600	700	850	1 000
AES VPN (Mbps)	80	120	160	190	225
Concurrent connections	50,000	100,000	200,000	400,000	600,000
New sessions per second	4,000	6,000	6,500	8,500	10,500
Number of users	Unlimited license	Unlimited license	Unlimited license	Unlimited license	Unlimited license
NETWORK CONNECTIVITY	U30	U70	U120	U250	U450
10/100/1000 interfaces	-	6	6	6	15
10/100 interfaces	2	-	-	-	-
CONTROL	U30	U70	U120	U250	U450
Web management interface	✓	✓	✓	✓	✓
Object-oriented security policy	✓	✓	✓	✓	✓
Real-time configuration help	✓	✓	✓	✓	✓
Intelligent administration privileges	✓	✓	✓	✓	✓
Global/local security policy	✓	✓	✓	✓	✓
PROTECTION	U30	U70	U120	U250	U450
ASQ intrusion prevention engine	✓	✓	✓	✓	✓
Application detection and filtering	✓	✓	✓	✓	✓
Application intrusion prevention	✓	✓	✓	✓	✓
SSL inspection	✓	✓	✓	✓	✓
CONTENT FILTERING	U30	U70	U120	U250	U450
Built-in Antivirus – Antispam **	✓	✓	✓	✓	✓
URL filtering (15 categories)**	✓	✓	✓	✓	✓
Vulnerability management	Optional	Optional	Optional	Optional	Optional
Kaspersky antivirus (500 000+ signatures)	Optional	Optional	Optional	Optional	Optional
Optenet URL filtering (> 50 categories)	-	-	Optional	Optional	Optional
USERS	U30	U70	U120	U250	U450
Integration with Active Directory	✓	✓	✓	✓	✓
Internal or external directory (LDAP)	✓	✓	✓	✓	✓
Transparent authentication	✓	✓	✓	✓	✓
Multi-level PKI and certificate authority	✓	✓	✓	✓	✓
HIGH AVAILABILITY (HA)*	U30	U70	U120	U250	U450
Active / passive	-	✓	✓	✓	✓
Synchronization of sessions / users	-	✓	✓	✓	✓
Hardware failure detection	-	< 1 second	< 1 second	< 1 second	< 1 second
Redundant system partition	-	✓	✓	✓	✓
CAPACITIES	U30	U70	U120	U250	U450
IPSec VPN tunnels (Max)	50	100	500	1 000	4 000
Concurrent SSL VPN connections	20	50	256	512	512
No. of VLANs (Max)	32	32	128	128	128
Storage	-	-	70GB	70GB	70GB
WAN/modem link redundancy (max)	4	4	8	8	8
Simultaneous PPTP clients (max)	48	48	96	96	96
NETWORK – ROUTING – QoS	U30	U70	U120	U250	U450
Transparent, routed, hybrid modes	✓	✓	✓	✓	✓
Policy-based routing (PBR)	✓	✓	✓	✓	✓
Dynamic routing	✓	✓	✓	✓	✓
Bandwidth guarantee/limitation	✓	✓	✓	✓	✓

IPSEC VPN	U30	U70	U120	U250	U450
Hardware acceleration	✓	✓	✓	✓	✓
3DES, AES, Blowfish / MD5, SHA1, SHA2	✓	✓	✓	✓	✓
IPSec NAT Traversal – Dead Peer Detection	✓	✓	✓	✓	✓
HARDWARE SPECIFICATIONS AND ENVIRONMENT	U30	U70	U120	U250	U450
Racking	1U (1/2 width)	1U (1/2 width)	1U	1U	1U
Height x Width x Depth (mm)	44.5x216x178	44.5x216x178	44.5x487.5x300	44.5x487.5x300	44.5x487.5x300
Weight	1.5kg (3.3 lb)	1.6 kg (3.6 lb)	4.8 kg (10.6 lb)	4.8 kg (10.6 lb)	5.1 kg (11.3 lb)
Packaged Height x Width x Depth (mm)	125x280x225	125x280x225	140x510x305	140x510x305	140x510x305
Packaged weight	2.3 kg (5.1 lb)	2.4 kg (3.6 lb)	6 kg (13.2 lb)	6 kg (13.2 lb)	6.3 kg (13.9 lb)
Power supply (AC)	230V 20W 0.2A (external)	230V 37W 0.2A (external)	230V 77W 0.5A	230V 80W 0.5A	230V 110W 0.68A
Cooling fan	-	1	2	2	2
Thermal dissipation (maximum, BTU per hour)	69	126	263	273	375
Operational temperature	5° to 40°C (51° to 104°F)	5° to 40°C (51° to 104°F)	5° to 40°C (51° to 104°F)	5° to 40°C (51° to 104°F)	5° to 40°C (51° to 104°F)
Storage temperature	-30° to 65°C (-22° to 49°F)	-30° to 65°C (-22° to 49°F)	-30° to 65°C (-22° to 49°F)	-30° to 65°C (-22° to 49°F)	-30° to 65°C (-22° to 49°F)
Humidity (without condensation)	20% to 90%	20% to 90%	20% to 90%	20% to 90%	20% to 90%
CERTIFICATIONS	U30	U70	U120	U250	U450
CE, EN60950, RoHS, EAL4+	✓	✓	✓	✓	✓

* Performance may vary according to test conditions. Non-contractual document. ** subject to subscription to the relevant maintenance contract

APPLICATION FIREWALL — INTRUSION PREVENTION

- Application analysis
- User firewall, application firewall
- Automatic quarantining in the event of attack
- Protection from DoS (Denial of Service) attacks
- SYN proxy
- Protection from SQL injections
- Protection from Cross Site Scripting (XSS)
- Trojan horse detection
- Protection from session hijacks
- Protection from data evasion
- Advanced management of fragmentation
- Scheduling by rule

UNIFIED SECURITY

- Antispam: reputation-based analysis — heuristic engine
- ICAP : Request Mode — Response Mode

MANAGEMENT

- Logging to Syslog servers (max 3)
- SNMP v1, v2, v3 (AES, DES) agent
- E-mail alerts
- NETASQ Real-Time Monitor
- NETASQ Global Administration



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

FRANCE Paris +33 1 46 21 82 30 france@netasq.com	BENELUX & NORDICS Breda +31 76 8883022 benelux@netasq.com	IBERICA Madrid +34 91 761 21 76 iberia@netasq.com	ITALIA Milano +39 02 7253 7249 italia@netasq.com	UK London +44 207 092 6682 uk@netasq.com	DACH München +49 89 20 300 6320 dach@netasq.com	MIDDLE EAST & AFRICA +971 50 5573 746 INTERNATIONAL international@netasq.com
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