



NETASQ F25

IPS-Firewall



EMBEDDED INTRUSION PREVENTION, FIREWALL, ANTISPAM, ANTIVIRUS⁽²⁾ VPN AND CONTENT FILTERING

NETASQ IPS-Firewalls are purpose-built network security appliances that combine Real-Time Intrusion Prevention, Firewall, IPSEC Virtual Private Networking (VPN), Advanced Content Filtering, embedded KASPERSKY Antivirus⁽²⁾ and Antispam. Based on NETASQ's revolutionary 'ASQ' in-line Intrusion Prevention Technology, all NETASQ IPS-Firewalls ensure the highest level of security.



NETASQ's F25 IPS-Firewall is an easy-to-deploy security solution for small businesses and/or branch offices of distributed enterprises, offering a superior level of security at an attractive price.

IN-LINE INTRUSION PREVENTION: NETASQ's embedded multi-layer multi-method intrusion prevention – ASQ – screens traffic in real-time, protecting against the most sophisticated network, application and blended attacks.

POWERFUL ANTISPAM: identifies unsolicited e-mails (spam) before they reach the user's mailbox.

REMOTE USER AND GATEWAY-GATEWAY VPN: NETASQ's F25 IPS-Firewall supports state-of-the-art IPSEC VPN for both gateway-gateway tunnels and remote users. While traffic can be encrypted up to 256-bit AES it still gets inspected by NETASQ's embedded intrusion prevention.

READY FOR CENTRALIZED MANAGEMENT: The F25 can serve either as stand-alone security appliance or as distributed and centrally managed security solution. When deployed with NETASQ Global Administration or MSS it unleashes an additional wealth of features. Granular fine-tuning, logging and reporting allow Managed Security Service providers to deliver an enterprise-class security solution to their customers.

ADVANCED URL FILTERING: NETASQ's Advanced URL Filtering solution is a hosted service that provides an extensive on-line database with websites sorted in categories.

CONTEXTUAL SIGNATURES: The ASQ Contextual Signature integrates patterns of new applications, new attacks and updates to existing signatures. ASQ signatures support up to 12 application protocols and Peer-to-Peer applications such as Kazaa and Emule, or Instant Messaging tools like Yahoo!, AOL or MSN Messenger.

■ ■ EZADMIN

The F25 IPS-Firewall comes with a user-friendly easy installation wizard: EZAdmin. This small, yet comprehensive security appliance is up and running in minutes, protecting small businesses and/or branch offices of distributed enterprises from spam, worms, attacks and other malicious activity.

CENTRALIZED MANAGEMENT – NETASQ GLOBAL ADMINISTRATION

NETASQ Global Administration allows companies, integrators or service providers to manage large deployments of NETASQ IPS-Firewalls from a central location. An easy to use graphical user interface enables you to centrally update, monitor and configure NETASQ IPS-Firewalls. Comprehensive log collection stores the logs of deployed IPS-Firewalls in a SQL-database, enabling high-speed trouble-shooting and generating reports.

F25 comes with a Global Administration version limited to 5 appliances. This limited version does not include log collection and storing in a SQL database. Unlimited version is also available in option.

LICENSED OPTIONS:

■ ■ KASPERSKY ANTIVIRUS

KASPERSKY Antivirus provides an additional layer of protection against E-mail based viruses and worms.

Specifications F25⁽¹⁾

■ IPS-Firewall performance (Incl. Intrusion Prevention)	50 Mbps
■ AES VPN performance (Incl. Intrusion Prevention)	15 Mbps
■ 100 Base-T interfaces (copper)	5
■ Maximum n° of interfaces (incl. 4-port switch)	5
■ Concurrent connections	2,000
■ Filter policies	550
■ Gateway-Gateway VPN tunnels	50
■ Client-Gateway VPN tunnels	Yes

NETASQ IPS-Firewalls have been built around a unique **real-time intrusion prevention** technology: **ASQ (Active Security Qualification)**. ASQ provides **context-based** intrusion prevention by analyzing traffic from network up to application layer, while applying **multiple methods** to identify and block malicious traffic. ASQ uses **classes** of attacks guaranteeing superior accuracy to protect against zero-day threats at multi-gigabit wire speeds. This unique concept, linked to hardware specifically designed to provide next-generation intrusion prevention, allows NETASQ IPS-Firewalls to provide real-time application layer intrusion prevention **without degrading system performance**.

(1) System Performances provided are the measured maximums under ideal testing conditions and may vary by deployment

(2) Requires Kaspersky licence



EZAdmin Features (Java Interface)

Network Features

- Routed, translated and bridged mode
- Built-in Dialup router (PPTP, PPPoE)
- Address Translation (automatically managed)

Intrusion Prevention System (ASQ)

- Pre-configured Intrusion Prevention System active

VPN Features

- Supported VPN Protocols: IPSec, ESP
- Up to 256 bit encryption supporting 3DES, AES and Blowfish
- SHA-1 & MD5 Authentication
- IKE Pre-shared keys
- Gateway – Gateway VPN Tunnels
- Remote User VPN Tunnels
- VPN Keep-alive
- NAT-Traversal (UDP 500 and 4500)

Content Filtering

- URL Filtering

Antispam

- DNS Blacklisting

Services

- Internal DHCP Server
- DynDNS

Logging / Monitoring

- Syslogging

Management

- EZ-Admin (Java based GUI)
- SSHv2
- Console

Options Antivirus Kaspersky⁽²⁾

- SMTP Proxy forwarding
- HTTP Proxy forwarding
- Embedded Kaspersky Antivirus (SMTP, POP3)
- Maximum scannable uncompressed file-size: 10 MB

Optional Software Suite

- NETASQ Global Administration

Additional features : only with Firewall Manager or NETASQ Global Administration Features

Network Features

- Support for up to 8 VLANs
- Address Translation (NAT, 1 to 1, PAT and Split)
- Time Scheduling
- Alias IP support (multiple IP addresses per interface)
- Bandwidth Management

Intrusion Prevention System (ASQ)

- ASQ Real Time Intrusion Prevention
- ASQ plug-ins (HTTP, FTP, DNS, RIP, H323, Peer-to-peer...)
- Blocking attacks in VPN tunnels
- Multi-layer Inspection
- Blocking known and unknown attacks with or without context
- Flooding protection (ICMP, UDP and TCP)
- Block Data-Evasion
- Trojan and Port scan detection
- Hijacking session protection
- Finger printing protection

VPN Features

- IKE Certificate Authentication
- Hub & Spoke VPN

Services

- SNMP v1, v2 and v3

Logging / Monitoring

- E-mail notification
- SNMP v1, v2 and v3

Performances

Firewall performance (Incl. Intrusion Prevention)	50 Mbps
AES VPN Performance (Incl. Intrusion Prevention)	15 Mbps

Hardware Specifications

N° of Ethernet ports	5
Max. n° of Interfaces	5 (1 OUT port + 4 port switch)
Processor	400 Mhz
Storage	Compact Flash 128 MB
Memory	64 MB
Dimensions (mm)	219.5 x 157 x 44.4
	1U / 0.5 x 19"
Weight	1.5 Kg
External Power supply	27 W external
Control connection	RS-232C serial port VT100 emulation

Environment

Operational temperature	5° to 35 °C
Non-operational temp.	-30° to 65 °C
MTBF	60,000h

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