NETASQ F25
IPS-Firewall

Enterprise-class security for small businesses

NETASQ IPS-Firewalls are purpose-built network security appliances that combine Firewall, Virtual Private Networking (VPN), Real-Time Intrusion Prevention, Content Filtering and Antispam[1] functionalities. Based on NETASQ's revolutionary **'ASQ'** in-line Intrusion Prevention Technology, all NETASQ IPS-Firewalls ensure the highest level of security.

The F25 addresses the needs of small businesses by delivering an intuitive java-based interface that will guide the user through the initial set-up. When centrally managed with Global Admin, the F25 reveals its true nature as high-tech security solution by unlocking a wealth of additional features and providing a vast amount of monitoring and logging information to the centralized management system.

Easy to deploy: The feature-rich F25 has been specifically designed for small businesses requiring enterprise class security, introducing reduced deployment and management costs, it can be centrally and remotely managed with NETASQ Global Admin. Supporting an internal (IN) 4-port switch and one public (OUT) interface makes this cost-effective IPS-Firewall the ideal solution for telecommuters or small remote offices.

Best-of-breed security appliance: Shipped with all features included; and minimal hardware installation requirements, the F25 combining Firewall, VPN and Intrusion Prevention, Content Filtering and Antispam[1] features, is an all-in-one, easy to install and manage security appliance, ideal to function either as remote or stand-alone Firewall or VPN solution.


ASQ is a real-time **Intrusion Prevention System**, available on all NETASQ IPS-Firewalls, that is capable of multi-layer inspection. This enables ASQ to detect and prevent the most sophisticated attacks (such as Code RED and NIMDA) without any significant performance loss and reduces the amount of false positives drastically.

Protocol analysis ensures RFC compliancy. Global context and connection analysis verify packet integrity (Stateful) and ASQ plug-ins enforce application analysis.

Management Interface

Each NETASQ F25 IPS-Firewall comes with an intuitive and user-friendly Java-based GUI, which allows easy installation and configuration of your IPS-Firewall.
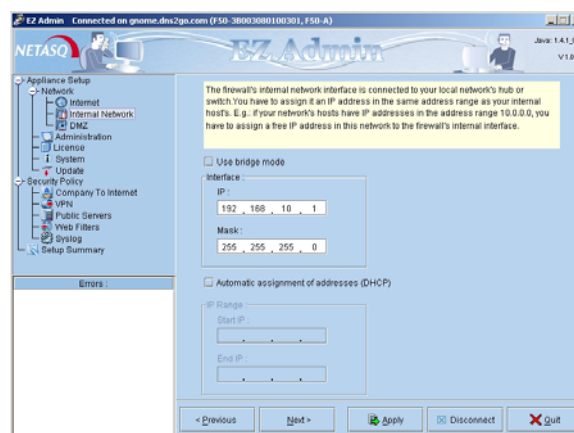
Specifications F25

ν	Firewall performance (Incl. Intrusion Prevention)	10 Mbps
ν	AES VPN performance (Incl. Intrusion Prevention)	6 Mbps
ν	10/100 Base-T Interfaces	5
ν	Concurrent connections	2,000
ν	Filter policies	512
ν	Gateway-Gateway VPN tunnels	1
ν	Client-Gateway VPN tunnels	Yes
ν	Recommended Users	10

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

Content Filtering
• Antispam[1]
• URL Filtering

Services
• Internal DHCP Server

Logging / Monitoring
• Syslogging

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

Optional Software Suite
• Global Admin

Additional Global Admin Features[2]

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 (Protocol, Connection, Session and Application layer attacks)
• 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
• Up to 256 bit encryption supporting DES and CAST128
• 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)	10 Mbps
AES VPN Performance (Incl. Intrusion Prevention)	6 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 64 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
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

(1) Antispam available in next version through free update.
(2) Requires NETASQ's Centralized Management Global Admin to configure these features.

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