



NETASQ F200

IPS-Firewall



Real-Time Intrusion Prevention for Small to Midsize companies

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



NETASQ's F200-IPS Firewall is the ideal choice for small to midsize companies, providing a completely integrated security solution combining Firewall, IPS, VPN, Content Filtering and Embedded Kaspersky Antivirus* with easy deployment and management, making it an ideal central gateway or VPN-concentrator. The F200 IPS-Firewall comes with 2, 3 or 4 routable Ethernet interfaces, unlimited node license, IPSec VPN and includes NETASQ's real-time Intrusion Prevention System: ASQ.

Versatility: One of the most versatile security appliances available today, the NETASQ F200 IPS-Firewall can easily be integrated into many different environments, including enterprise branch and remote offices as well as small and medium size companies.

Best-of-breed security appliance: An all-in-one, easy to install and manage solution, providing up to 1000 VPN-tunnels with active IPS protection on the VPN traffic. The F200 IPS-Firewall is ideal to function either as remote VPN solution or central branch office VPN gateway. Offering a wide range of features such as SNMPv3, built-in DNS caching, VLAN support and xDSL router make it easy to deploy and integrate into existing networks.

(*) optional



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.

Administration Suite

Each NETASQ F200 IPS-Firewall comes with a complete Administration Suite. This suite consists of Firewall Manager, Monitor and Reporter. All these tools have an intuitive and user-friendly Windows-based GUI, which allows easy installation, configuration, monitoring, and reporting of your IPS-Firewall.

Embedded Kaspersky® Antivirus (optional): The F200 IPS-Firewall is designed to be upgradeable to support integrated antivirus technology by Kaspersky®, providing on-the-fly antivirus inspection on traffic passing the firewall. Combined with the embedded IPS technology and featuring auto-updating this protects your systems from the newest worms, viruses and other malicious threats. This option allows the F200 IPS-Firewall to filter all incoming or outgoing e-mail correspondence, is extremely easy to install, use and configure and provides notifications and alerts on virus attacks.

(*) SMTP only, other protocols supported in future version.

Specifications F200

■ IPS-Firewall performance ¹ (Incl. Intrusion Prevention)	150 Mbps
■ AES VPN performance (Incl. Intrusion Prevention)	30 Mbps
■ 10/100 Base-T Interfaces	2, 3 or 4
■ Max n° of Interfaces	4
■ Concurrent connections	35,000
■ Filter policies	8,000
■ Gateway-Gateway VPN tunnels	1,000
■ Client-Gateway VPN tunnels	Yes
■ Users	Unlimited





Network Features

- Routed, translated, bridged and hybrid mode
- Routing per interface
- Support for up to 64 VLANs
- Built-in Dialup router (PPTP, PPPoE, PPP)
- Address Translation (NAT, 1 to 1, PAT and Split)
- Time Scheduling
- xDSL High Availability and Load Balancing
- Support for up to 8 xDSL or Dialup modems
- Bandwidth Management
- Alias IP support (multiple IP addresses per interface)

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

- Supported VPN Protocols: IPSec & PPTP
- Supports up to 32 PPTP VPN clients
- Up to 256 bit encryption supporting DES, 3DES, AES, CAST128 and Blowfish
- ESP
- SHA-1 & MD5 Authentication
- IKE Certificate Authentication
- Pre-shared keys, PKI certificates, Static
- Hub & Spoke VPN
- Gateway – Gateway VPN tunnels
- Client – Gateway VPN tunnels
- VPN Keep-alive

High Availability

- Active / Passive
- Configuration synchronization
- Session synchronization for firewall
- Device failure detection

Antivirus Features

- Embedded Kaspersky Antivirus (OPTIONAL)
- HTTP Proxy forwarding (OPTIONAL)
- SMTP Proxy forwarding

Authentication

- LDAP Authentication (Internal and External)
- Windows Authentication (NT4 – NTLM and WIN2K Kerberos)
- Internal PKI CA & CRL (OPTIONAL)
- External PKI compatibility
- Radius
- Web enrolment (creation of users and certificates)

Services

- HTTP Proxy - URL filtering (OPTIONAL)
- ICAP support for URL filtering (requires URL filtering)
- SMTP Proxy
- DNS Cache Proxy
- SNMP v1, v2 and v3
- NTP support
- Internal DHCP Server



Logging / Monitoring

- E-mail notification
- SNMP v1, v2 and v3
- Real Time Monitor
- Syslogging
- Internal Log Storage
- Historical Reporting

Management

- Firewall Manager (Windows GUI)
- Firewall Monitor (Windows GUI)
- Firewall Reporter (Windows GUI)
- Syslog, SSHv2, Console

Options

- URL Filtering - HTTP-Proxy
- Embedded Kaspersky Antivirus
- Internal PKI CA and CRL
- Basic / Extended

Optional Software Suite

- Global Admin

Performances

IPS-Firewall performance 150 Mbps
(Incl. Intrusion Prevention)

AES VPN performance 30 Mbps
(Incl. Intrusion Prevention)

Hardware Specifications

N° of Ethernet interfaces	2, 3 or 4
Max n° of Interfaces	4
Processor	667 Mhz
Storage	HD 40GB
Memory	128 MB
Dimensions (mm)	450 x 270 x 44
	1U / 19"
Weight	5 Kg
Power supply	150 W
Fan	2, lateral
Control connection	RS-232C serial port
	VT100 emulation

Environment

Operational temperature 5° to 35 °C
Non-operational temp. -30° to 65°C

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