# NETASQ F50-2 or F50-3

# Firewall Box

## Netasq F50: 2 or 3 interface Firewall & VPN box, dedicated to the small enterprise (5 to 50-stations networks)

Security always comes first to us, and the NETASQ F50 was firstly designed to offer SME's and SOHO's a professional and highly secure Firewall & VPN box. We did so while keeping our customers budget requirements in mind.

Achieving these two objectives, the F50 offers:

- The high, standard level of security of all NETASQ products,
- A simple, intuitive configuration interface,
- Hardware specifications that match SOHO's and SME's networks requirements.

The F50's VPN capabilities address the needs of multi-site organisations that need to link their remote sites and users in a secure and trusted way.

And if a public server must be hosted on the internal network, the F50-3 offers a third Ethernet interface to implement a DMZ that will protect your resources from intrusion attempts.

A highly skilled and experienced team of technical support and research engineers is constantly developing new product features and tracking the latest security threats and trends. The Update and Support service they deliver (1st year included in all F50 products) makes your NETASQ Firewall & VPN box a long-term and reliable security investment.
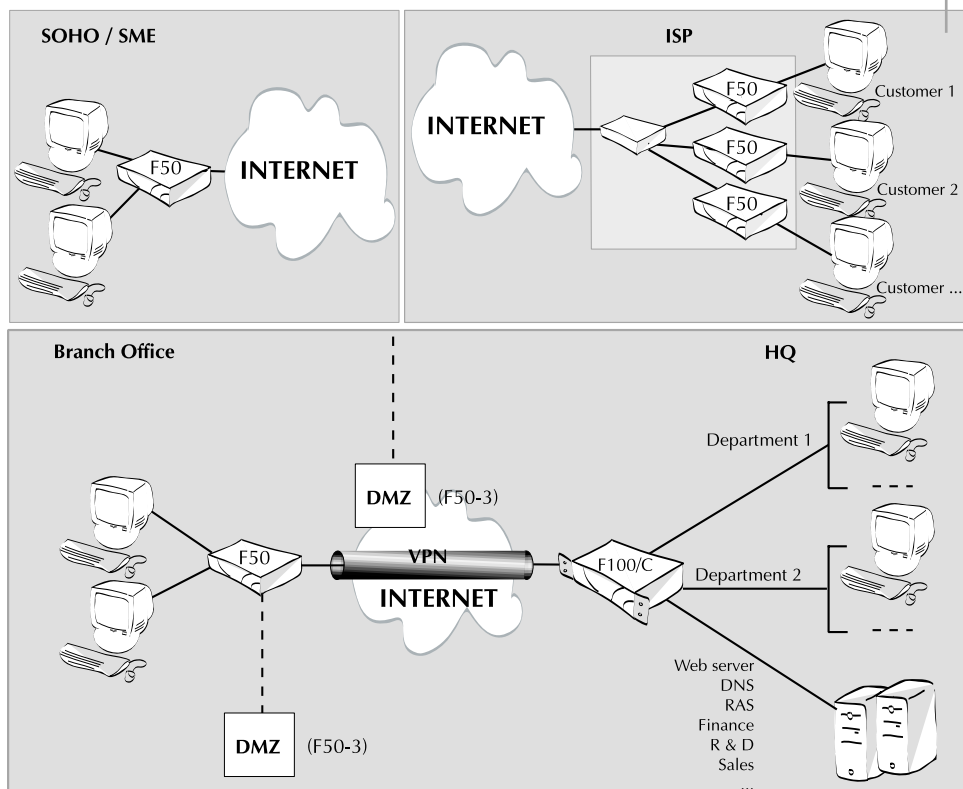


- 2 or 3 Ethernet Interfaces
- ASQ attack detection
- Dynamic filtering
- GUI: easy installation and configuration
- Remote management capabilities
- DSL connection management
- IPsec VPN (up to 448 bits algorithms when legally authorized)
- PKI management
- Time and day scheduling of filtering rules
- Real-time monitoring

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## Technical Features

### Extended security and attack detection features: ASQ
- Stateful inspection technology
- ASQ technology
- Attack detection
- Malicious activity detection
- Fully secure system
- Remote and secure Firewall and GUI update
- Configuration and system backups

### Filtering
- From physical to application layers (interfaces, IP addresses, protocols, application)
- Dynamic filtering (connections and context management)
- Group management (groups of machines, networks, services…)
- Up to 10 time-schedulable sets of filtering rules
- Possibility to save, print, copy your configurations
- Configuration help guide
- URL filtering (through URL or proxy). Websense TM and X-Stop compatibility.

### Network features
- 2 or 3 10/100 Mbits autosense ports
- DSL connection management (PPTP and PPPOE)
- RTC/Hayes compatible modems supported
- Static routes management
- Transparent mode (interfaces with same IP address)
- VLAN management
- Bandwidth management
- Proxies management

### Address translation and redirection
- Network Address translation (1 and 2-way static/dynamic NAT)
- PAT (Port Address Translation)
- Load sharing

### VPN
- 64-bit VPN is free of charge
- IPsec compliance
- PPTP management (40 and 128 bit MPPE)
- IPsec remote access management (remote users)
- IPsec gateways management (gateway to gateway connections)
- PKI management
- IPsec UDP tunnelling support
- Wide choice of algorithms (DES, 3DES, CAST, AES…)
- Remote VPN client

### Alarms, logs and statistics
- NETASQ monitor: real-time, multi-firewall monitor
- NETASQ Reporter: Log and stats analysis tool (available on versions 3.6 and higher)
- 2 alarm levels
- Alarm reporting through mail, real-time monitor or syslog server
- Webtrends compatibility
- Extended statistics
- Graphical analysis

## Administration

### Secure, retooled Free BSD-based OS

### NETASQ Remote Manager: remote firewall management tool
- Windows compatible
- Multi-firewall configuration and administration capabilities
- Secure remote access (SSL encryption) through TCP/IP
- Configuration help guide
- Several administration levels
- Firewall list management

### NETASQ Remote Monitor: real-time alarm monitor
- Remote, real-time multi-firewall monitor (Windows-based)
- Real-time alarm display
- Real-time display of connections, throughput and bandwidth
- Real-time display of users connections and transferred data

### NETASQ Remote Reporter: Remote tool for logs and statistical analysis
- Remote download and storage of logs (from one or more firewalls)
- Display of logs and statistics
- Graphical analysis tool

## The F50 versions

|  | F50-2 | F50-3 |
|---|---|---|
| Number of interfaces | 2 | 3 |
| Actual throughput | 9 Mb/s | 9 Mb/s |
| Encrypted throughput | 1 Mb/s | 1 Mb/s |
| Version | 10 users | 10 users |
|  | 25 users | 25 users |
|  | unlimited | unlimited |

## Material specifications

RS-232 serial port
2 or 3 RJ 45 10/100 Mbits/s autosense interfaces

| | |
|---|---|
| Processor: | I586/133 Mhz |
| Memory: | 64 Mo Flash |
| RAM: | 32 Mo |
| Dimensions (mm): | 241 x 44.5 x 215 |
| | Rackable (1 U and 0.5/19'') |
| Weight: | 2 Kgs |
| Power supply: | 85 to 264 VAC, 50 W |
| Control connection: | RS 232 – VT100 emulation |

## Environment

| | |
|---|---|
| Working temperature: | 5 to 350°C |
| Storage: | -30 to 65 °C |

NETASQ
Secure Internet Connectivity