

8 VPN Tunnels for Encrypted Remote Access**15-user Office VPN Router**

Want the utmost in network security for your office? NETGEAR's FVS318 ProSafe VPN Firewall provides business-class protection at an affordable price. This completely equipped, broadband-capable firewall router offers a stateful packet inspection (SPI) firewall, denial-of-service (DoS) protection and intrusion detection, URL key word and content filtering, logging, reporting, and real-time alerts. VPNC certified, it initiates up to 8 IPsec VPN tunnels simultaneously, reducing your operating costs and maximizing the security of your network. With 8 auto-sensing, Auto Uplink™ switched LAN ports and Network Address Translation (NAT) routing, up to 253 users can access your broadband connection at the same time.

Business-class Security

The FVS318 initiates up to 8 IPsec VPN tunnels simultaneously, allowing for secured connections to branch offices and the "on-the-go" mobile workforce. Network Address Translation (NAT) routing enables shared access to your broadband connection. It also includes Web page URL content filtering and strong IPsec encryption and certificate support. Alerts include email notification of network activity—reporting and tracking of hacker attempts – as well as real-time alerts.

Well-armed

The FVS318 has everything you want for maximum security coverage: true firewall using stateful packet inspection (SPI) and intrusion detection features, denial-of-service (DoS) attack protection, and VPN pass-through for extra security. And, new AES (256-bit) encryption security provides one of the most impenetrable encryption methods available. There's even a Kensington Lock™ slot on the unit for theft protection. The FVS318 ProSafe VPN Firewall provides optimal value and defense against network security threats.

User Friendly

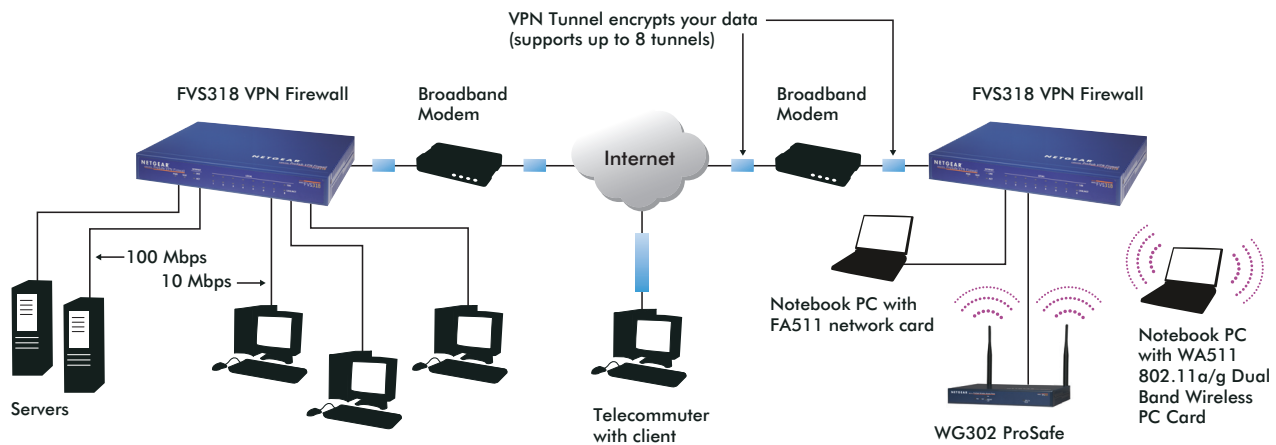
Smart Wizard install assistant connects to your ISP quickly and the easy-to-use Web-based configuration screen reduces setup time. Remote administration capability makes connecting to multiple sites a breeze.

Flexible

Make a VPN connection to other FVS318s or through NETGEAR ProSafe VPN client software*. Support for DHCP (client and server) as well as PPPoE allows for easy, widespread deployment.

*Not included





Technical Specifications

• Physical Interfaces

- WAN port: 10/100 Mbps Ethernet RJ-45 port to connect to any broadband modem***
- LAN ports: eight (8) 10/100Mbps auto-sensing, Auto Uplink™ RJ-45 ports (one Cat 5 UTP cable included)

• Security Features

- Firewall: Stateful packet inspection (SPI) to prevent denial-of-service (DoS) attacks (Syn flood, ICMP flood, UDP flood, "ping of death," IP spoofing, land attack, tear drop attack, IP address sweep attack, Win Nuke attack), intrusion detection system (IDS) including logging, reporting and email alerts, address, service and protocol), Web URL content filtering
- VPN functionality: Eight (8) dedicated VPN tunnels, Manual key and IKE Security Association (SA) assignment, 56-bit (DES), 168-bit (3DES), or 256-bit AES IPsec encryption algorithm, MD5 or SHA-1 authentication algorithm, pre-shared key, perfect forward secrecy (Diffie-Hellman and Oakley client support), key life and IKE lifetime time settings, prevent replay attack, remote access VPN (client-to-site), site-to-site VPN, IPsec NAT traversal (VPN pass-through)
- Mode of operation: Network Address Translation (NAT), static routing, unrestricted users per port
- IP address assignment: Static IP address assignment, internal DHCP server on LAN, DHCP client on WAN, PPPoE client support

• Management Features

- Administration interface: Web graphic user interface, user name and password protected. Smart Wizard install assistant for basic parameter settings
- Secure HTTPS remote management support: Authenticated through IP address or IP address range, and password
- Dynamic DNS
- Configuration and upgrades: Upload and download configuration settings, field upgradeable flash memory

• Protocol Support

- Network: IP routing, TCP/IP, UDP, ICMP, PPPoE
- IP addressing: DHCP (client and server)
- Routing: RIPv1, RIPv2 (static routing, dynamic routing)
- VPN/security: IPsec (ESP), MD5, SHA-1, DES, 3DES, IKE, AES, x.509 certificates***

• RFC Support

- PPTP client and server (RFC 2637)
- IPsec tunnel mode (RFC 2401)
- HMAC-MD5-96 (RFC 2403)
- HMAC-SHA1-96 (RFC 2404)
- DES-CBC cipher algorithm (RFC 2405)
- Encapsulation Security Payload Protocol (RFC 2406)
- DHCP server (RFC 2131)
- DHCP client (RFC 2131)
- TFTP client (RFC 1350)
- IP routing (RIP1, RIP2) (RFC 2453)
- NAT (many-to-one) (RFC 1631)
- Compression Control Protocol (RFC 1974)
- IP Control Protocol (RFC 1332)
- PPPoE (RFC 2516)

• Functions

- DHCP server (info and display table), port range forwarding, exposed host (DMZ), enable/disable WAN Ping, DNS proxy, PPPoE login client support, WAN DHCP client, MAC address cloning, NTP support, URL content filtering (URL and URL keywords)

• Maintenance

- Save/restore configuration, restore defaults, upgrades via web browser, display statistics

• Hardware Specifications

- Processor: 200 MHz 32-bit RISC***
- Memory: 2 MB flash, 16 MB SDRAM***
- Power requirements: 12V DC, 1.2A; plug is localized to country of sale
- Dimensions (w x d x h): 253 x 181 x 35 mm (7.1 x 9.95 x 1.4 in)
- Weight: .935 kg (2.06 lb)
- Mean time between failure (MTBF): 1,400,000 hours (~ 150 years)

• Environmental Specifications

- Operating temperature: 32° to 104°F (0° to 40° C)
- Operating humidity: 90% maximum relative humidity, non-condensing

Warranty

- Firewall: NETGEAR Lifetime Warranty†
- Power adapter: NETGEAR 3-year Warranty

Package Contents

- ProSafe® VPN Firewall (FVS318)
- Power adapter
- Category 5 cable
- Installation guide
- Resource CD
- Warranty/support information card

NETGEAR Related Products• **Accessories**

- VPN01L Prosafe VPN Client - single user license
- VPN05L Prosafe VPN Client - single user license

• **SSL Concentrators**

- SSL312 ProSafe SSL VPN Concentrator 25

Ordering Information

- North America: FVS318NA
- Europe - General: FVS318GE
- Europe - UK: FVS318UK
- Asia: FVS318AU
- Japan: FVS318JP

ProSupport® Service Packs Available• **OnCall 24x7, Category 1**

- PMB0331NA
- PMB0331GE
- PMB0331UK
- PMB0331-100AUS
- PMB0331JP

• **XPressHW, Category 1**

- PRR0331NA
- PRR0331GE
- PRR0331UK
- PRR0331-100AUS
- PRR0331JP



Virtual Private Network consortium is the international trade association for manufacturers in the VPN market, promoting interoperability, standards support, education and forums for the VPN community.

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** Free phone support available 90 days from purchase date. Information is subject to change without notice. All rights reserved.

*** These apply to the FVS318v3 only

†Lifetime warranty for product purchased after 05/01/2007. For product purchased before 05/01/2007, warranty is 3 years.