

FVS318G, FVS318N, FVS336G and SRX5308



### Essential Business-class Network Protection

NETGEAR® ProSAFE® business-class VPN Firewalls are high performing routers that deliver Stateful Packet Inspection (SPI), Virtual Private Network (VPN), Network Address Translation (NAT), AES and 3DES Encryption, Denial of Service (DoS) protection and provide full secure network access between headquarter locations, remote/branch offices and remote workers. This makes it the ideal solution to provide businesses with the essential network security needed to stop unwanted intrusions.

### Highlights

#### Secure

NETGEAR ProSAFE VPN Firewalls provide both secure IPsec site-to-site tunnels and IPsec secure access for remote clients and also support client-less SSL VPN as well as secure L2TP and PPTP connections. Employing a true SPI firewall with customizable firewall rules, this VPN router is a high-performance, SNMP-manageable, network solution that furnishes multidimensional security including denial-of-service (DoS) protection, stateful packet inspection (SPI), URL keyword filtering, logging, reporting, and real-time alerts.

#### Flexible

ProSAFE VPN Firewalls work perfectly with ISP modems, including cable or DSL broadband connections. Wireless-N connectivity<sup>1</sup> and Gigabit LAN/WAN ports keep your data moving at top speed and a configurable DMZ port allows for flexible server deployment. With Network Address Translation (NAT) routing and classical routing, all the users in your small office can access your broadband connection at the same time. VLAN support allows for guest networks plus better network segmentation and IPv6 support will enable you to future proof your network.

#### Reliable

Models with multiple WAN ports can operate in either a load-balancing or fail-over configuration. The load-balancing configuration enables maximum throughput by utilizing WAN connections to distribute traffic across two broadband connections, possibly with different ISP providers. Alternatively, a second WAN port may be configured as a failover connection in case the primary connection fails, for another method of providing high reliability.

The rugged metal unit houses advanced, high-quality electronics, and is backed by the industry-best ProSAFE Lifetime Hardware Warranty\*, Lifetime Technical Support<sup>3</sup>, and Lifetime Next Business Day Replacement\*.



<sup>1</sup> On Supported Models

### Features and Benefits

#### Hardware Accelerated Network Processor

- High Performance LAN-to-WAN throughput for today's and tomorrow's broadband speeds

#### Essential Business Networking Features

- IPv4/IPv6 Support
- 802.1Q VLAN
- QoS
- NAT and Classical Routing
- SIP ALG, VPN Passthrough

#### Secure Firewall

- Stateful Packet Inspection (SPI)
- DoS attack protection
- Block TCP/UDP packet floods
- Port/service blocking
- Hardware DMZ port
- MAC Address filter
- Web object and keyword blocking

#### Secure VPN Remote Access

- SSL VPN – clientless remote access, anywhere, anytime
- IPsec VPN – secure site-to-site tunnels and client-based remote access
- Industry-strength encryption algorithms
- IKE authentication protects against unauthorized remote access
- L2TP and PPTP Server

#### Bandwidth Management

- Control end user bandwidth consumption with Bandwidth Profiles
- Prioritize traffic with Quality of Service (QoS)
- WAN Traffic Metering

#### Dual or Quad WAN Ports<sup>1</sup>

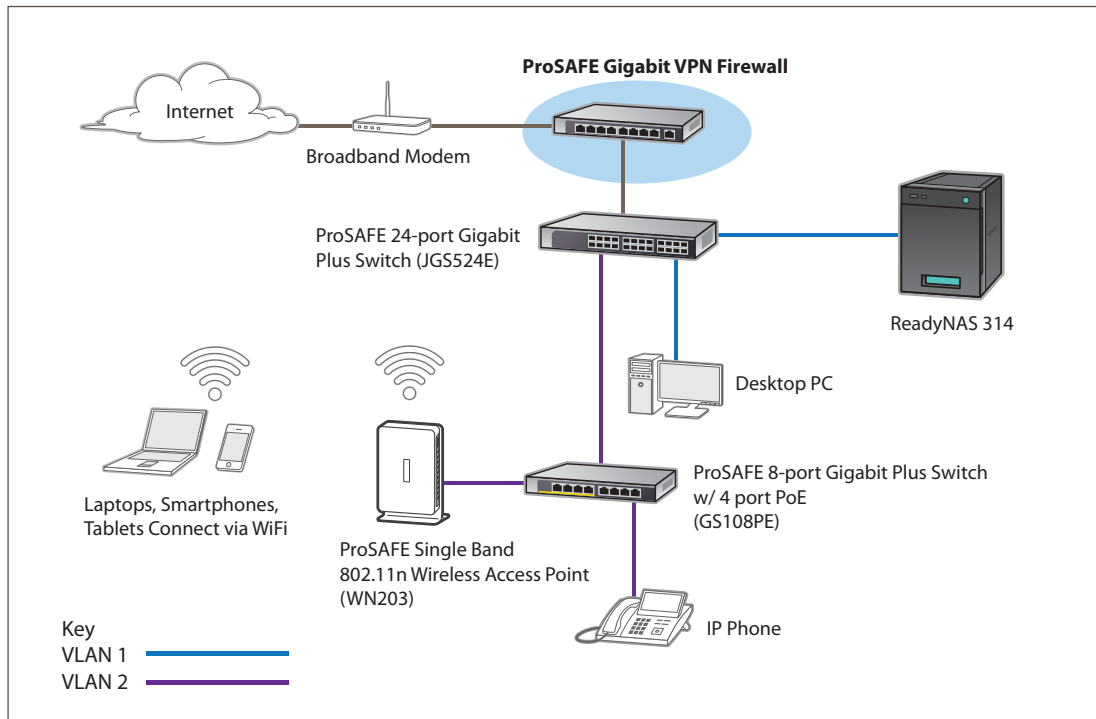
- Connect multiple broadband connections simultaneously
- 2 modes of session-based WAN load balancing
- WAN failover for maximum uptime

#### Easy to use

- Auto Detect connects to your ISP quickly
- DHCP (client and server) for fast deployment
- Intuitive Web management GUI
- IPsec VPN Wizard allows for easy VPN setup
- SNMP, telnet management support
- SYSLOG and emailed logs enable thorough network monitoring

#### Reliable NETGEAR Hardware

- Industry-grade metal casing
- High-quality electronics
- Lifetime Hardware Warranty
- Lifetime Technical Support
- Lifetime Next Business Day Replacement



ProSAFE VPN Firewall Deployment Diagram

<sup>1</sup> On Supported Models

### Technical Specifications

VPN FIREWALL FAMILY MATRIX				
Model	FVS318G-200	FVS318N-100	FVS336G-300	SRX5308-100
<b>CONNECTIVITY</b>				
Gigabit Ports WAN/LAN	1/8	1/8	2/4	4/4
DMZ Interfaces (Configurable)	1	1	1	1
Wireless	-	a/b/g/n	-	-
IPv6 Support	Yes	Yes	Yes	Yes
<b>PERFORMANCE</b>				
LAN-to-WAN Throughput <sup>2</sup>	250Mbps	250Mbps	350Mbps	924Mbps
IPsec VPN (3DES) Throughput <sup>2</sup>	30Mbps	30Mbps	78Mbps	180Mbps
SSL VPN Throughput <sup>2</sup>	-	5Mbps	14Mbps	21Mbps
Maximum Concurrent Connections	6,000	6,000	10,000	200,000
Maximum Number of VLANs	254	254	254	254
Dedicated IPsec VPN Tunnels	12	12	25	125
Dedicated SSL VPN Tunnels	-	5	10	75
<b>SECURITY</b>				
Firewall Functions	Stateful Packet Inspection (SPI), Port/Service Blocking, Denial-of-service (DoS) Prevention, Stealth Mode, Block TCP Flood, Block UDP Flood, WAN/LAN Ping Response Control			
Content Filtering (HTTP Only)	Web Components (Proxy, Java, ActiveX, Cookies), Web Keyword Blocking, Trusted Domains			
User Authentication for VPN	Active Directory, LDAP, Radius, WIKID, MIAS, NT Domain, Local User Database			
PCI Compliance Two Factor Authentication Support	Yes			
VoIP SIP ALG Compatibility List	Linksys SPA-901, Linksys SPA-941, SNOM M3, Cisco 7940G, X-Lite 3.0 (software for phones), D-Link DPH-140S, Grandstream GXP-2000, Polycom SoundStation 6000, Siemens C450, Aastra 51i			
VPN Pass Through	IPsec, PPTP, L2TP			
<b>NETWORKING</b>				
WAN Modes	NAT, Classical Routing			
ISP Address Assignment	DHCP, Static IP Assignment, PPPoE, PPTP			
NAT Modes	1-1, NAT, PAT			
Routing	Static, Dynamic, RIPv1, RIPv2			
IPv6 Support	Yes			
DHCP	DHCP Server, DHCP Relay, DNS Proxy			
DDNS	DynDNS.org, TZO.com, Oray.net, 3322.org			
VLANs	802.1Q			
WAN Fail-over	-	-	Yes	
WAN Load Balancing Modes	-	-	Weighted Load Balancing, Round Robin	

### Technical Specifications

Model	FVS318G-200	FVS318N-100	FVS336G-300	SRX5308-100
Essential Networking Features	Port Range Forwarding, Port Triggering, DNS proxy, MAC Address Cloning/spoofing, NTP Support, UPnP, Auto-Uplink on Switch Ports, L3 Quality of Service (QoS), LAN-to-WAN and WAN-to-LAN(ToS), Bandwidth Profiling			
VPN				
IPsec Encryption/Authentication	56-bit DES, 168-bit 3DES, AES(128, 192, 256 bit)/SHA-1, MD5			
Key Exchange	IKE, Manual Key, Pre-shared Key, PKI, X.509 v3			
IPsec NAT Traversal (VPN Passthrough)	Yes			
IPsec Access Modes	Client-to-site, Site-to-site			
IPsec VPN Wizard	Yes			
Included ProSAFE VPN Client Lite Software Licenses	1	1	1	5
SSL Version Support	-	SSLv3, TLS1.0		
SSL Encryption Support	-	DES, 3DES, ARC4, AES(ECB, CBC, XCBC, CNTR)128, 256 bit		
SSL Message Integrity	-	MD5, SHA-1, MAC-MD5/SHA-1, HMAC-MD5/SHA-1		
SSL Certificate Support	-	RSA, Diffie-Hellman, Self		
SSL VPN Platforms Supported	-	Windows 7 32bit – IE 9/IE10, Windows 7 64bit – IE9, Windows 8 (32bit, 64bit) – IE10, MAC OS X 10.6+ – Firefox 27, Safari 5.1.7, Ubuntu – Firefox 12		
L2TP and PPTP Server	Yes			
MANAGEMENT				
Management Interface Options	HTTP/HTTPS, SNMP v2c, Telnet			
Logging	Accepted Packets, Dropped Packets, System, Source MAC filter, Session Limit, Bandwidth Limit, IPsec VPN			
Log Delivery	Email Delivery, Syslog			
Diagnostics	Ping, DNS Lookup, Trace Route			
Maintenance	Save/restore Configuration, Restore to Factory Defaults, Firmware Upgrades via Web Browser, Display Statistics			
HARDWARE				
Processor Speed	300MHz	300MHz	500MHz	500MHz
Flash Memory/RAM	32MB/128MB	32MB/128MB	32MB/128MB	64MB/512MB
Certifications	VPNC (Basic, AES Interop), ICSA Firewall			
Major Regulatory Compliance	Environment: RoHS, China RoHS Safety: CE/LVD, cUL EMI: FCC Part 15 Class A, CE mark commercial, Class A, CCC	Environment: RoHS, China RoHS Safety: CE/LVD, cUL EMI: FCC Part 15 Class A, CE mark commercial, C-Tick Class A,	Environment: RoHS, China RoHS Safety: CE/LVD, cUL EMI: FCC Part 15 Class A, CE mark commercial, RCM Class A, KC	Environment: RoHS, China RoHS Safety: CE/LVD, cUL EMI: FCC Part 15 Class A, CE mark commercial, C-Tick Class A, VCCI
Temperatures	Operating Temperature: 0° - 45°C (32°-113° F) Storage Temperature: -20° - 70° C (-4° - 158° F)	Operating Temperature: 0° - 45°C (32°-113° F) Storage Temperature: -20° - 70° C (-4° - 158° F)	Operating Temperature: 0° - 40°C (32°-104° F) Storage Temperature: -20° - 70° C (-4° - 158° F)	Operating Temperature: 0° - 45°C (32°-113° F) Storage Temperature: -20° - 70° C (-4° - 158° F)

### Technical Specifications

Model	FVS318G-200	FVS318N-100	FVS336G-300	SRX5308-100
Humidity	Operating humidity 90% maximum relative humidity, non-condensing Storage humidity 95% maximum relative humidity, non-condensing			
Electrical Specifications	Power adapter: 12V DC, 1.5A -plug is localized to country of sale	Power adapter: 12V DC, 1.5A -plug is localized to country of sale	Power adapter: 12V DC, 1.2A -plug is localized to country of sale	AC 100-240V, 50/60Hz Universal Input, DC 5V/5A Output Internal Power Supply
Dimensions (W x D x H) cm	19 x 12.5 x 3.5	19 x 12.5 x 3.5	25.4 x 17.8 x 3.96	33 x 20.9 x 4.3
Dimensions (W x D x H) in	7.5 x 4.9 x 1.4	7.5 x 4.9 x 1.4	10 x 7 x 1.56	13 x 8.2 x 1.7
Weight kg/lb	0.59/1.3	0.59/1.3	1.7/3.7	2.1/4.6
System Requirements	Cable or DSL Broadband Modem, Internet Service, Windows/OSX/Linux/iOS/Android Client Device, Internet Explorer/Firefox/Chrome/Safari Web Browser			
Package Contents	ProSAFE 8-port Gigabit VPN Firewall (FVS318G) Ethernet cable Power adapter Install guide Resource CD Warranty card 1 ProSAFE VPN Client Lite license	ProSAFE Wireless-N 8-port Gigabit VPN Firewall (FVS318N) Ethernet cable Power adapter Install guide Resource CD Warranty card 1 ProSAFE VPN Client Lite license	ProSAFE Dual WAN Gigabit VPN Firewall (FVS336G) Ethernet cable Install guide Resource CD Warranty card 1 ProSAFE VPN Client Lite license	ProSAFE Quad WAN Gigabit VPN Firewall (SRX5308) Ethernet cable Install guide Resource CD Warranty card 5 ProSAFE VPN Client Lite licenses
Hardware Warranty*	Lifetime			
Power Adapter Warranty	3 Years			n/a
Technical Support <sup>3</sup>	Lifetime			
Next Business Day Replacement	Lifetime			
ORDERING INFORMATION				
North America	FVS318G-200NAS	FVS318N-100NAS	FVS336G-300NAS	SRX5308-100NAS
Europe	FVS318G-200EUS	FVS318N-100EUS	FVS336G-300EUS	SRX5308-100EUS
Asia			FVS336G-300AUS	
ACCESSORIES				
ProSAFE VPN Client Professional Software	VPNG01L-20000S (1-User), VPNG05L-20000S (5-User)			

<sup>1</sup> On Supported Models

<sup>2</sup> Actual performance may vary depending on network traffic and environment.

<sup>3</sup> Basic phone support for 90 days from purchase and lifetime online chat support when purchased from a NETGEAR authorized reseller

\* Lifetime Limited Warranties cover hardware, fans, and internal power supplies - not external power supplies or software. Warranty is only valid for the original purchaser, and modifications to product may void the warranty. See <http://www.netgear.com/about/warranty/> for details.