

Secure Computing® is a global leader in Enterprise Security solutions. Our award-winning portfolio of solutions help our customers create trusted environments inside and outside their organizations.

Leverage Enterprise Friendly Features to Set up Your Distributed Environment

- High availability and automatic VPN initialization
- Load balancing and the ability to leverage multiple internet service providers
- Token-based authentication
- A complete stand alone UTM appliance (AV, Anti-spam, IDS/IPS, Content Filtering, etc)
- Secure remote VPN access for your mobile staff

Secure SnapGear

Secure SnapGear is the most feature rich, cost effective and flexible range of firewall security appliances on the market today. Intended for the SMB/ SME, the telecommuter or even the large distributed enterprise with centralized management needs, SnapGear includes wide area networking functionality normally only available on enterprise-class devices. Not just a single-purpose security appliance, SnapGear includes an anti-virus engine, intrusion detection, and an enterprise-class security event management system. Moreover, it's also the first and only small- to medium-sized business appliance to include a proactive reputation-based security system, TrustedSource™, to control what is allowed to pass through to your network. In short, it is a network in-a-box gateway security appliance.



Figure 1: Enterprise-class security solutions tailored for the distributed environment and the small- and medium-sized enterprise.

Free of per-user and VPN tunnel licensing fees, SnapGear is a scalable VPN device that supports all major protocols, enabling you to manage all remote access requirements in one high-speed, highly reliable, small form-factor appliance. Secure Firewall Reporter provides centralized security event monitoring—which is using the same engine used by other enterprise level tools provided by Secure Computing®, providing a true centralized and common reporting engine. This tool, included with every appliance, keeps you informed and in control at all times.

Create a Secure Distributed Office Environment with Secure SnapGear

As organizations fulfill their needs with anti-malware solutions, anti-spam engines, application layer firewalls (all possible within one unified threat management device) at their corporate office, they expect, and many times require their remote users to be able to leverage the same protection technologies. This can be done by routing traffic through a primary gateway or having a scaled down, more cost effective solution for the remote locations. An example of how to fulfill this need is to leverage a hub and spoke network architecture that uses secure VPN tunnels between remote locations and the corporate office. Many organizations may leverage a private network in this scenario but need a reliable failover solution if that private network goes down. SnapGear high availability and VPN failover capability can ensure users have a secure, seamless, and constant connection to resources at their corporate headquarters. SnapGear detection services can identify if a connection is down and automatically bring up a secure VPN tunnel until the primary connection is available again and then roll back over to the primary connection—completely seamless to the end users.

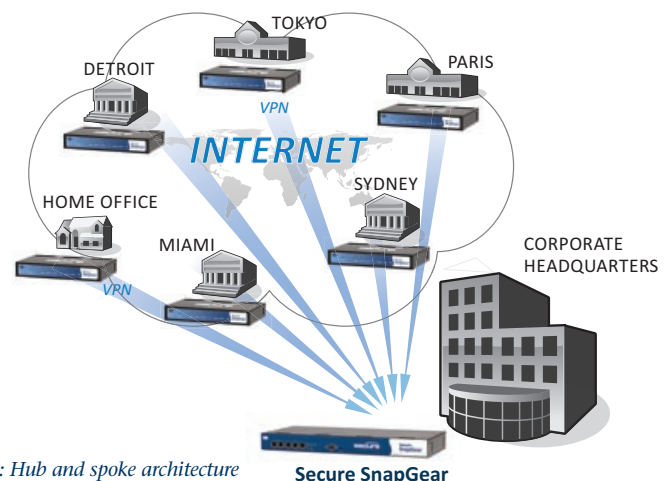


Figure 2: Hub and spoke architecture

Benefits and Features by Model



SG300 – The Secure SnapGear SG300 is a compact, feature-rich network security appliance

that is perfect for securing small networks and remote workers. The onboard 4-port 10/100 Ethernet switch and serial ports connect the network to the Internet via broadband (ADSL, cable, SHDSL, etc.) or narrow-band (modem or ISDN) connections.



SG560 – For larger offices where higher performance is needed,

the Secure SnapGear SG560 includes all the features of the SG300 and also has a robust metal case, hardware encryption acceleration for better VPN performance, and port-based VLAN capability offering up to five separate security zones.



SG565 – With the adoption of wireless LANs (WLANs), people in distributed departments

within medium to large organizations benefit from the ability to access information when away from a desk. The Secure SnapGear SG565 extends the capabilities of the SG560 to include 802.11b/g Wireless LAN support and two USB host ports, allowing the direct connection of local storage devices, printers, or to even provide 3G* network access through USB sticks either as a primary connection or a high availability option. The SG565 also offers gateway anti-virus, IDS/IPS, and Web caching.



SG580 – The Secure SnapGear SG580 consolidates firewall,

intrusion prevention, secure VPN access, and gateway anti-virus. Its networking capabilities enable small offices and branch offices of large enterprises to safely and easily connect their network of PCs, PDAs, Web and applications servers to the Internet via broadband-dedicated circuits from T-1 to T-3 and xDSL, or narrowband connections (modem/ISDN). Includes up to five separate security zones, link failover and Internet session load-balancing, and built-in Web proxy cache.



SG640 – The Secure SnapGear SG640 is a cost-effective firewall/VPN/IDS/IPS solution packaged on a PCI card for desktops and critical servers. By offloading

this processing from the host computer, the SG640 ensures high performance and throughput with the convenience of remote management and simplified installation. The SnapGear SG640 packs the power of a firewall, VPN, and IDS/IPS solution while eliminating the cabling, space and power requirements of an external appliance.



SG720 – With nearly 200 Mbps

throughput, two gigabit Ethernet ports, and three VLAN 10/100 ports the ICSA-certified SG720 is an excellent solution for branch offices of larger organizations, as well as central offices of small to mid-sized enterprises (SME). With its rich feature set and rack-optimized form factor, the SG720 is a compelling enterprise-class firewall solution at a mid-market price.

* 3G Supported in Firmware 4.0 or later.

Create an Instant and Secure Office Network with SnapGear

Secure SnapGear is a complete office network-in-a-box Internet security appliance for small businesses, with wide area networking tools normally only available in enterprise-class devices. The last thing SMBs need is another single-purpose security appliance to add to their network. That is why SnapGear is the only networking device needed for office PCs to be networked with one another, connect securely to the Internet, connect to the corporate WAN, and service all remote access VPN needs. SnapGear handles it all for you easily and at low cost by converging all networking, firewall, intrusion prevention security and remote access requirements into one high-speed, highly reliable, small form-factor appliance.

It's a snap to set up your small business office with:

- A local network of PCs (wired or wireless including DHCP and all LAN routing functions)
- Internet connection with policy based content filtering
- Seamless LAN to WAN connectivity
- A complete perimeter security solution (firewall, VPN, intrusion detection/prevention, anti-virus, anti-spam, and content filtering)

Just pick the SnapGear model that fits your business requirements and power it on. No additional routers, switches, DHCP servers, wireless devices, or failover devices are needed. That's why we call our Secure SnapGear products the complete office network-in-a-box Internet security appliance.

Secure SnapGear Family Benefits, Features, and Advantages

Enterprise-Class

Secure SnapGear's configurable firmware is based on embedded Linux and provides a virtually unlimited range of precise tuning options for such elements as QoS (Quality of Service), traffic shaping, VPN tunnel topology, routing, and fine-grained firewall rule sets.

SnapGear supports both business and consumer-grade broadband, ADSL, dedicated circuits from T-1 on up, narrow-band modems, wifi and 3G options. Advanced networking features include support of port & tag based VLAN, OSPF, BGP, RIP, RIPv2, RAS, RADIUS, TACACS+, MS-CHAP V2, and more. Web and DNS caching is also available.

Failover and Load Balancing

In addition to the ability to leverage 3G networks for high availability and failover solutions, to assure uninterrupted connectivity, all Secure SnapGear family products are equipped with a serial port. If the broadband Internet connection is lost, SnapGear products can automatically create a new narrowband connection using an external ISDN or analog modem. The SG560, SG565, SG580, and SG720 appliances support multiple broadband ports to ensure uninterrupted WAN access and maximum bandwidth utilization.

Virtual Private Network (VPN)

Whether connecting site-to-site or with mobile users, SnapGear supports all of the most popular types of VPN technology including PPTP, L2TP, GRE, and IPSec. Even the smallest SnapGear security appliances include a robust IPsec VPN solution for securely inter-connecting multiple offices across the public Internet without investing in a dedicated wide area network. The SnapGear VPN configurations support 3DES, AES, and other popular commercial encryption algorithms. Unique technology called VPN offloading allows multiple SnapGear appliances to load balance and manage any number of VPN tunnels acting as a VPN concentrator, or to increase the number of VPN tunnels required.

Intrusion Detection and Threat Mitigation

All Secure SnapGear security appliances include technology to disrupt conventional scanning and network layer denial of service attacks. The SnapGear SG565, SG580 and SG720 include embedded anti-virus gateway services for SMTP, HTTP, POP3, and FTP. The SnapGear SG565, SG580, SG640, and SG720 models also include an active IDS (Intrusion Detection System) powered by Snort™ to proactively monitor network events and alert network personnel when there is suspicious activity. The IDS assists with intrusion mitigation by scanning traffic for known viruses and by profiling traffic bi-directionally to help identify compromised systems.

Deploy URL Content Filtering for Employee Outbound Access

Control and report on how your employees use their Web access. SnapGear appliances include the option for you to affordably subscribe to a simplified application of our leading Secure Web (*Webwasher*) URL filtering solution, providing in-the-cloud filtering with Web usage and user-based reporting included (1-year increment subscriptions are available for each SnapGear appliance). The Secure Web anti-malware and content filtering engine is yet another award-winning and market-leading, enterprise-level security feature set SnapGear customers are able to leverage.

TrustedSource Anti-Spam – Global Intelligence Reputation System

Secure SnapGear is the only SMB security appliance available with a global reputation system typically leveraged by larger enterprises. Whether you are trying to protect against zombies, malware, or even image spam, SnapGear and TrustedSource technology will greatly enhance your protection barrier. Thousands of sensors worldwide are continually providing feedback to the TrustedSource servers on the actions of specific IP addresses, allowing customers to leverage this reputation system real-time. Proactive, positive model security features such as TrustedSource with multi-dimensional analysis is the next generation of network security. Without it, you will always be a step behind the bad guys.

Appliance Management (One-to-One and One-to-Many)

All Secure SnapGear appliances are easy to securely manage via any Web browser (Internet Explorer, Netscape Navigator and others), and also provide an extensive feature-rich command line interface (SSH security on all models apart from SG300). Optional enterprise-class central management is available for all SnapGear appliance models. A centralized management system is critical to larger distributed environments as they allow network administrators to manage hundreds if not thousands of SnapGear appliances, including the management of upgrades, policy changes, and other configuration tasks with the click of a mouse.

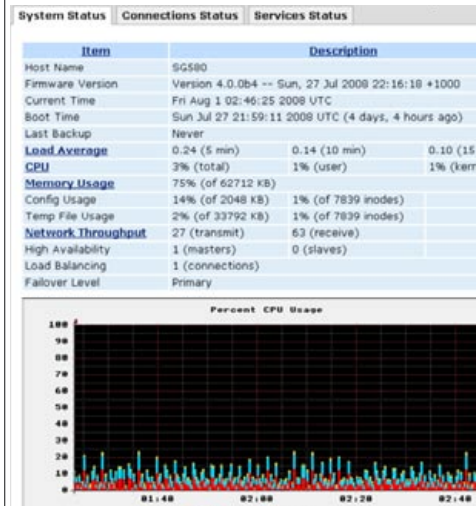
Custom Appliance Program

A unique offering from the Secure SnapGear group is the custom appliance and OEM program that has developed tens of thousands of security appliances typically for larger customers and partners looking to meet their unique needs. It's very likely that you have already used Secure SnapGear technology without knowing it at your local coffee house for internet access, fuel station for transmitting credit card transactions, or possibly during your last trip to the diagnostic imaging lab for an MRI because a SnapGear device is what the lab uses to ensure HIPAA regulations are followed while ensuring the data makes it securely to the analysis center. Organizations that have a need for a personalized device should feel secure in the formal custom appliance program the SnapGear team has to offer.

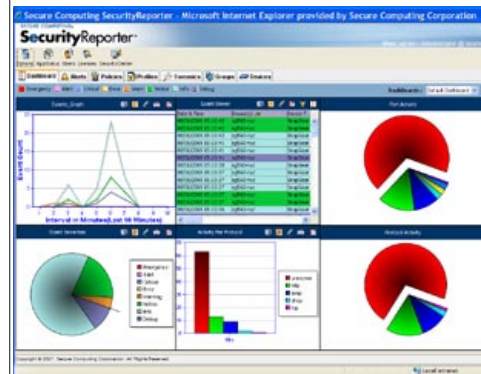
Model	Typical Deployment	Throughput	VPN Tunnels
SG300	Securing telecommuters and satellite offices	25 Mbps	40
SG560	Feature-rich security and WAN connectivity UTM appliance for small and mid-sized businesses	100 Mbps	100
SG565	All-in-one wireless Internet appliance with intrusion prevention system, anti-virus, and unified threat management (UTM) for branch offices or small to mid-sized enterprises	110 Mbps	150
SG580	The SG580 is ideal for enterprise branch offices or medium businesses seeking a powerful, fully-integrated UTM firewall, VPN, intrusion detection and prevention solution at a fraction of the cost of multiple point products	160 Mbps	200
SG640	Securing critical servers and desktop systems with an internal firewall, VPN, and intrusion prevention system	80 Mbps	150
SG720	Securing mid-sized business networks and multiple office-office connections with firewall, VPN, IPS, and anti-virus at fractional GB performance	180 Mbps	400

Industry Leading Secure SnapGear Support Offerings

No other organization offers such an outstanding standard support and warranty program as is available with your SnapGear purchase. All Secure SnapGear models automatically include 90 days of both Web ticketing and 24/7 technical phone support, along with a 1 year hardware warranty. Web ticketing and phone support extensions are available on an annual basis, with hardware warranty extensions up to 3 years. Please see our Web site for details. www.snapgear.com.



Understand the status of your network in an instant with the Secure SnapGear dashboard



Enterprise reporting is included with every SnapGear appliance. Secure Firewall Reporter includes standard reports to help with compliance initiatives such as PCI DSS.

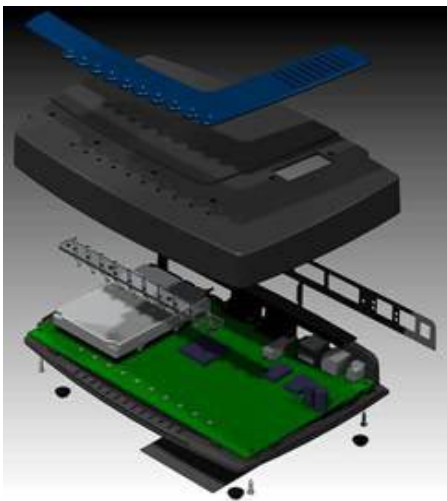


Drill down capabilities directly within the interface allow administrators to quickly identify what the issue is, how severe, and where it is coming from.



For More Information

Contact your local reseller,
or Secure Computing at:
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1-408-494-2020 (worldwide)
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Please visit the OEM section of
www.snapgear.com for details on custom
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For a complete listing of all our global
offices, see [www.securecomputing.com/goto/
globaloffices](http://www.securecomputing.com/goto/globaloffices)



Feature	SG300	SG560	SG565	SG580	SG640	SG720
Market & Specs						
Market	SOHO	SMB/ROBO	SMB/ROBO	SMB/ROBO	Desktop/server card	SMB/ROBO
Support & warranty	90 days 24/7 phone support and 1 year hardware	90 days 24/7 phone support and 1 year hardware	90 days 24/7 phone support and 1 year hardware	90 days 24/7 phone support and 1 year hardware	90 days 24/7 phone support and 1 year hardware	90 days 24/7 phone support and 1 year hardware
Size/dimensions	7"x4.6"x1.7"	6.5"x4.5"x1"	8.1"x4.7"x1"	6.5"x4.5"x1"	PCI card	Small 1U rackmount
Memory-Flash/RAM	4/16 MB	8/16 MB	16/64 MB	16/64 MB	16/64 MB	256/256 MB
Ethernet interfaces	1-10/100+ 4-port switch (5 total)	1-10/100+ 4-port switch (5 total)	1-10/100+ 4-port switch (5 total)	1-10/100+ 4-port switch (5 total)	1-10/100	3-10/100 + 2-10/100/10000
File & print sharing (2 USB ports)			X			
WiFi 802.11 b/g or 3G via USB			X			
H/W crypto acceleration		X	X	X		X
Performance						
VPN – PPTP tunnels	10	10	25	80	80	100
VPN – IPSec tunnels	40	100	150	200	150	400
Stateful inspection throughput	25 Mbps	110 Mbps	110 Mbps	160 Mbps	80 Mbps	180 Mbps
VPN – PPTP RC4 (128-bit) performance	4 Mbps	7 Mbps	7 Mbps	10 Mbps	7 Mbps	8 Mbps
VPN – IPSec 3DES (168-bit) performance	2 Mbps	32 Mbps	32 Mbps	44 Mbps	5 Mbps	40 Mbps
VPN – IPSec AES (256-bit) performance	4 Mbps	32 Mbps	32 Mbps	44 Mbps	12 Mbps	40 Mbps
Network Features						
VLAN (802.1q)		X	X	X	X	X
VLAN (port based)		X	X	X		X
Failover/load balancing		X	X	X		X
DHCP client/server/relay	X	X	X	X	X (no relay)	X
Web cache (squid-nontransparent)			X	X	X	X
Traffic shaping/QoS	X	X	X	X	X	X
SIP proxy		X	X	X	X	X
Routing	X	X	X	X	X	X
RAS (dial in)	X	X	X	X		X
RIP/RIPv2		X	X	X	X	X
BGP, OSFF			X	X		X
Security Features						
TrustedSource anti-spam (optional)	X	X	X	X	X	X
ICSA certified firewall	X	X	X	X	X	X
Anti-intrusion	X	X	X	X	X	X
L2TP & GRE	X	X	X	X	X	X
IPv6 gateway	X	X	X	X		X
IDS & IPS (Snort)			X	X	X	X
Policy enforcement (NASL scripts)			X	X	X	X
Content/Web filtering (optional)	X	X	X	X	X	X
Gateway anti-virus (POP3, SMTP, FTP, HTTP)			X	X		X
White/black URL lists	X	X	X	X	X	X
White/black host lists	X	X	X	X	X	X