

SG
SERIES

Performance Manageability Scalability

CYBERGUARD®

DESKTOP AND BRANCH OFFICE FIREWALL/VPN APPLIANCES



Need to secure mobile workers, remote offices, critical servers, or a network of ATMs or POS terminals? CyberGuard's SG series offers a rich set of security features and exceptional price/performance.

FULL-FEATURED AND POWERFUL STATEFUL TECHNOLOGY

With ICSA Certified dynamic firewall technology underpinning all products, CyberGuard SG customers are assured of the highest levels of stateful firewall protection. The entire SG line is highly resistant to denial of service attacks and intrusion attempts, while actively repelling port scans and other common probes.

VIRTUAL PRIVATE NETWORK (VPN)

All SG firewalls include a robust IPsec VPN solution for securely connecting branch offices and remote workers to your network. Certified for seamless interoperability by the VPN Consortium, the SG VPN supports 3DES, AES, and other popular commercial encryption algorithms. Both PPTP client and server are included. In fact, CyberGuard's SnapGear division developed the world's first Linux PPTP server -PoPToP.

SG CENTRAL MANAGEMENT SYSTEM (CMS)

SG firewall/VPN appliances are easily configured graphically using a browser or with a conventional CLI (Command Line Interface). CMS enables a network administrator to manage hundreds of appliances easily and manage upgrades, policy changes, and other configuration tasks with the click of a mouse.

POWERED BY CYBERGUARD EMBEDDED LINUX

CyberGuard is a leader in embedded Linux security. All CyberGuard SG appliances are powered by stable, secure and highly configurable firmware based upon embedded Linux. This provides a virtually unlimited range of precise tuning options for such elements as QoS (Quality of Service), VPN tunnel topology, routing and fine-grained firewall rule sets.

URL CONTENT FILTERING

Need to control employee access to inappropriate web sites? SG appliances integrate seamlessly with Cerberian, a robust URL filtering solution that can be purchased with any SG appliance.

FAILOVER AND LOAD BALANCING

To assure uninterrupted connectivity, all SG products are equipped with a serial port. If the broadband Internet connection is lost, the SG automatically creates a new narrowband connection using an external ISDN or analog modem. The powerful SG570 and SG575 appliances provide dual broadband ports to ensure uninterrupted WAN access and maximum bandwidth utilization.

INTRUSION DETECTION

All SG appliances include measures to disrupt conventional scanning attacks. The SG575, SG635, and SG710 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 profiling traffic bi-directionally to help identify compromised systems.

WEB PROXY CACHE

The SG575 and SG710 include the option to use a web proxy cache powered by Squid™ technology. By storing frequently accessed web pages locally, the SG575 and SG710 accelerate user access to information, significantly reduce internet traffic, and free bandwidth for other network applications.

FULLY CUSTOMIZABLE

Although SG products are extremely flexible and configurable, some large and complex networks pose unique requirements. CyberGuard will be happy to provide you with a completely customized build of our firmware to meet your needs.

CYBERGUARD®
WORLDWIDE

SPECIFICATIONS

VPN:

VPNC Certified Interoperability
L2TP - Client and Server, RFC2661 compliant, GRE tunneling
PPTP - 128-bit secure Client and Server, PAP/CHAP/MSCHAPv2 authentication
IPsec - full peer-to-peer (initiator and responder); ESP/AH payloads; hashes
HMAC - MD5, SHA-1; ciphers DES, 3DES, AES (128, 196, 256-bit); key management
IKE/ISAKMP, VeriSign, Entrust, X.509v3 (PKI); IKE policies: Diffie-Hellman (to 4096-bit), RSA (to 2048-bit); pre-shared secrets; aggressive mode; X.509 certificates; PKCS, PEM; multiple sub-nets, NAT traversal, and pass-through mode.

Firewall & Packet Filtering:

Anti-intrusion & logging; ICSA certified stateful firewall; connection tracking; rate limiting; SNAT; DNAT; packet inspection; filters/targets; routing -
RIP/RIPv2/BGP/OSPF; bridging -
802.1D / spanning tree / transparent; stealth-mode; traffic shaping (QoS); UDP rate limiter

Network Services:

DHCP client, server, relay; PPPoE client & server; connection sharing; dial on demand (all units have at least one serial port for attaching a modem); remote dial-in; DNS masquerading; dynamic DNS; DNS proxy; IP aliases; broadband to narrowband failover (via internal or external modem); time zones, NTP client; H.323 and NetMeeting pass-through; multicast routing; channel aggregation (between WAN and serial ports)

Management:

Easy management via any web browser (Internet Explorer, Netscape Navigator and others), HTTP or HTTPS (SSL), SSH, multiple administrator accounts. Windows® installer included on CD. Suitable for use with Windows® 95/98/Me/NT/2000/XP, Apple Macintosh®, Linux®, and UNIX®.

Central Management System:

Runs on all appliances with firmware revision 1.8 or higher; SNMP based protocol; allows policy-based management; portable Java application environment runs on Linux®, Windows® and other platforms (JRE 1.4 or higher); device grouping; asynchronous task queue; commands remote device upgrades;

URL Content Filtering:

Optional subscription-based URL filtering & logging, transparent URL proxy, URL white list, blocking or monitoring modes, real-time URL rating, policy management, real-time reporting

User Limit:

Unlimited

Approvals:

Office - all models.
Home - all models except SG630 & SG635.

Support:

30 day installation support, 1 year E-mail, optional Annual Support

Warranty:

1'year warranty (standard). Optional four year warranty (all models except the SG710/SG710+). An annual maintenance agreement is available for the SG710(+).

(1) - 2 years where required by law



CYBERGUARD
WORLDWIDE

www.cyberguard.com

CyberGuard Worldwide Headquarters

(North America, Latin America and Asia)
350 SW 12th Ave.
Deerfield Beach, FL 33442

Phone: 954-375-3500
Fax: 954-375-3501
E-mail: info@cyberguard.com

CyberGuard Europe Limited

Asmec Centre, Eagle House
The Ring, Bracknell, Berkshire,
RG12 1HB United Kingdom

Phone: +44 (0) 1344 382550
Fax: +44 (0) 1344 382551
E-mail: info@cyberguard.co.uk

PRODUCT FAMILY

| Model | Typical Deployment | Network Throughput | VPN Tunnels |
|--------|--|--------------------|-------------|
| SG300 | WAN port +4 port LAN switch (10/100 Ethernet) Teleworkers and Small Office | 35Mbps | 50 |
| SG530 | WAN & LAN ports (10/100 Ethernet) Replicated Sites and Small Branch Offices | 35Mbps | 250 |
| SG550 | WAN & LAN ports (10/100 Ethernet) Branch Offices and Remote Works | 35Mbps | 400 |
| SG570 | Dual - WAN & DMZ plus LAN ports (10/100 Ethernet) SME Branch Offices and Small Business Head Office | 140Mbps | 400 |
| SG575 | Dual - WAN & DMZ plus LAN with IDS (10/100 Ethernet) Enterprise Branch Offices | 140Mbps | 400 |
| SG630 | In-system PCI-card Firewall/VPN appliance Desktop and critical servers | 95Mbps | 250 |
| SG635 | In-system PCI-card Firewall/VPN/IDS appliance Desktop and critical servers | 95Mbps | 250 |
| SG710 | Dual - WAN, DMZ & LAN (10/100) switches with IDS Enterprise Branch Offices | 200Mbps | 1000 |
| SG710+ | Dual - WAN, DMZ & LAN (10/100) switches & dual Gigabit LAN with IDS Enterprise Branch Offices | 300Mbps | 1000 |
| SG CMS | Central Management System (software only) | NA | NA |

Consult the SG Appliances feature matrix for a detailed comparison of all models.
(<http://www.cyberguard.com/snapgear/datasheets.html>)

© 2004 CyberGuard Corporation. All rights reserved. CyberGuard is a registered trademark of CyberGuard Corporation. All other trademarks, or registered trademarks, are the property of their respective owners. Information and specifications subject to change without notice or obligation.