

BroadScan™

Spam-Virus Security Appliance (SCN1000)

BroadScan™ SCN1000 is a comprehensive security appliance purpose-built for small and medium businesses (SMB) with up to 200 users.

The SCN1000 is ideally suited for SMB networks as an all-in-one security solution, offering a more efficient and cost effective way to preserve network productivity and security. The rack mount appliance adopts Heuristics Analysis to intelligently block viruses, Spyware and unsolicited Spam. Additional security includes powerful Firewall protection, VPN tunneling support and AAA access controls. Email filtering measures include varied processing of email considered spam or containing virus or Spyware files, and incorporates Bayesian learning to optimize filtering accuracy to greater than 95 percent. The built-in Clam virus scanning engine is automatically updated with the latest signatures for viruses and worms, and provides options for handling infected files, including deletion, quarantine or forwarding redirection.

Additional controls include filtering for URL, Instant Messaging, FTP, and other applications to maximize business productivity. The Firewall is a Stateful Packet type with integrated IDP for comprehensive risk management and Denial of Service blocking.

The SCN1000 provides VPN security, including IPSec and PPTP tunneling to secure corporate intranet communications, plus AAA authentication

with internal and external RADIUS support that provides flexible authentication options.



Features and Benefits

Anti-Spam and Anti-Spyware Filtering - Multi-layered defense system includes Header Analysis, Black and White lists, and Bayesian Analysis, plus Heuristics Analysis to block better than 95 percent of undesirable files. Spam tagged files may be deleted, delivered or rerouted. Bayesian self-learning provides pro-active response to continually refine accuracy for optimum filtering performance.

Anti-Virus Protection with Subscription FREE Updates - Built-in Clam virus scanning engine detects viruses, worms and Trojan contaminated Email, and provides in-depth filtering options for deletion, delivery, quarantine, and rerouting. Virus definition signatures are updated automatically on a scheduled basis adjustable to as frequent as 10 minute intervals.

Content Filtering - Provides administrative control over URL access, file downloading, Instant Messaging and other potential security and productivity problem sources.

VPN Tunneling - Full IPSec and PPTP end point support that enables secured intranet communications between branch offices or from satellite location to the Enterprise headquarters.

Firewall and Intrusion Prevention - Provides blocking of hacker and Denial of Service attacks (internal and external sources), plus offers fully updatable IDP database to manage intrusion risks.

AAA Access Controls - Supports internal and external RADIUS authentication, with extensive inbound and outbound policy management, and detailed administrative reporting.

Traffic shaping for VoIP - Includes QoS bandwidth priorities and ALG support for H323 and SIP voice.

Specifications

| | |
|--------------------------|---|
| Network Size | Small to mid (SMB) - 200 users |
| Package | Appliance - 1U rack mount |
| Performance | |
| Firewall | 100 Mbps - LAN to WAN throughput |
| VPN (3DES) | 20 Mbps - LAN to WAN throughput |
| Sessions | 582,000 concurrent |
| Email capacity | 300,000 / day |
| Filtering Techniques | Spam: Bayesian, Personal rule, White/Black list, Global rule, RBL, auto-train Viruses: Heuristics scanning of multiple protocols (SMTP, POP3, FTP, HTTP) Spyware: install prevention, desktop cleaning, Web site blocking |
| Detected File Actions | Delete, deliver, Forward, Quarantine |
| Scanning Engines | ClamAV (virus), Snort (IDP), SpamAssassin (Spam and Spyware) Signature database updates by schedule or on-demand (no subscription fees) |
| Content Filtering | |
| URL blocking | Prevents access to specific web sites - 1000 entries |
| Script blocking | Prevents ActiveX, Java, Cookies and Popup |
| P2P blocking | Prevents peer file downloads (eDonkey, Bit Torrent, etc...) |
| FTP and HTTP files | Prevents file downloads |
| IM blocking | Prevents Instant Messaging (MSN, AIM, Yahoo Messenger, ICQ, etc...) |
| VPN | IPSec/IKE (DES, 3DES, AES), SHA-1, MD5 PPTP client/server SSL |
| Firewall and IDP | SPI (stateful packet inspection) Protects against DoS, DDoS and internal DoS attacks IDP system supports risk management with signature updating |
| Bandwidth Management | QoS: HTB algorithm support for prioritized utilization and guaranteed bandwidth VoIP: supports pass through of H323 and SIP packets |
| AAA | |
| Authentication | External support: RADIUS client Internal support: Internal data base for 500 users |
| Authorization | Policy management - inbound and outbound |
| Accounting | Detailed reporting for user / event activity |
| Management | HTTPS DDNS - 64 entries CPU utilization monitoring - simplifies network performance optimizing |
| Administrative Reporting | |
| Mail log | Provides detailed transaction logging |
| Graph statistics | Displays graphical statistics for Spam and Virus filtering |
| Firewall events | Creates real-time email and/or Windows based alert notices |
| Operating Environment | Operating Temperature: -20 - 70°C (-4 - 158°F) Humidity: 0-95% non-condensing |
| Dimensions | 426 x 44 x 330 mm 3.70 Kg |
| Power | Voltage: 90 - 264VAC, 50-60Hz, full range (250 W) Power supply: internal AT PS |
| Interface | |
| WAN | 1 port: 10/100Base-Tx |
| LAN | 1 port: 10/100Base-Tx |
| DMZ | 1 port: 10/100Base-Tx |
| Console | 1 port: RS-232 serial port |
| Platform | |
| CPU | IPC - VIA 1.0 GHz, 512 MB DRAM, 64 MB Flash |
| Hard Disk (internal) | 40 GB |
| Regulatory Approval | FCC |
| Warranty | Standard 1 year, limited |

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SOHware

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