



## About SNAPS

SNAP (SoluSoft Network Analysis and Protection System) is a Security Gateway and network security appliance that provides complete cost effective protection against a wide range of network security threats. Five critical security applications - Firewall, VPN Gateway, Intrusion Detection System, Antivirus Gateway and Surf Protection - are fully integrated in one easy-to-manage product. The built in hard drive provides for extensive reporting and allows transaction logs to be stored locally. The compact size, high reliability and economical price makes this appliance a perfect fit for any kind of organization.

## Key Features

- **Firewall:**
  - Port forwarding
  - Flexible packet filter
  - Security with MAC address
  - Address and port translation
  - Identity-based access control
  - Powerful, stateful and deep packet inspection
  - Prevents DoS and flooding attacks from internal and external sources
  
- **VPN (Virtual Private Network) Gateway**
  - VPN IPSEC connection using RSA, PSK, CERT
  - Supports Net-to-Net and Host-to-Net configuration
  - Encryption with: AES, DES, 3DES, Serpent (128-bit), Blowfish (128-bit)
  - L2TP and PPTP connection with username and password authentication
  - Virtual Private Network gateway supporting a variety of industry-standard connection protocols and encryption standard
  - Hash Algorithms : MD5,SHA-1,SHA-2
  - PPTP VPN eliminates the need for additional client on individual user machines
  - Extensive reporting facility
  - Enables the use of any ISP for connectivity
  - Provides secured connectivity without and data tampering
  - Security spans host, end-point and data integrity
  - Provides per packet authentication, data integrity & confidentiality.
  - Dead peer Detections.

## SNAPS Features

- ☞ Firewall
- ☞ VPN Gateway
- ☞ Surf Protection
- ☞ Antivirus Gateway
- ☞ Intrusion Detection System
- ☞ Reporting
- ☞ Administration

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■ **Surf Protection:**

- ◆ Automatic updating
- ◆ MIME Type Blocking
- ◆ Internal content caching
- ◆ Automatic URL's block engine
- ◆ 20 millions URL's in over 60 categories
- ◆ Transparent proxy - no client configuration necessary

■ **Intrusion Detection System and Intrusion**

- ◆ Multiple policies
- ◆ Rule based IDS
- ◆ Detects DoS attacks
- ◆ Stateful protocol analysis
- ◆ Extensive reporting facility
- ◆ Protocol anomaly detection
- ◆ Automatic update and installation of threat patterns
- ◆ Detects backdoor probes and illegitimate Interrogations.

■ **Antivirus Gateway:**

- ◆ Fastest detection
- ◆ No blocking downloads
- ◆ Automatic signature database updates
- ◆ Virus, Worm, Trojan, Detection and Prevention
- ◆ Scans complete incoming traffic from external sources
- ◆ Smooth scanning of dynamic and password protected traffic

■ **Reporting:**

- ◆ Firewall Report
- ◆ VPN Report
- ◆ Surf protection Report
- ◆ IDS Report
- ◆ IPS Report
- ◆ Antivirus Report
- ◆ Other Reports.

■ **Miscellaneous:**

- ◆ Yahoo messenger packet inspection and logging.

## Benefits

- ◆ Real time security
- ◆ Extensive reporting facilities
- ◆ Filters Phasing probes and attacks
- ◆ Detects and prevents internal and external threats
- ◆ Controls access to non-productivity websites based
- ◆ Secure connectivity between local network and remote network
- ◆ Only MAC and IP address-match machines are allowed network access

