

# Virtual Private Network

## Bulwarks Secure Connectivity Solutions

Bulwark Systems VPN comprehensively includes every feature a VPN can exhibit. It can serve infinite number of users providing them powerful security along with speed. Salient features of VPN are strong authentication, superior encryption algorithm, private certificates, adaptive routing and fast.

Bulwark Systems VPN helps you retrench costs associated with cables, connectors, lease lines, frame relays by moulding the internet to provide you secure communication on existing infrastructure.



### **Outstanding Performance**

Bulwark Systems VPN delivers stellar performance at a low price, capable of reaching over 85 Mbps of 3DES-encrypted throughput and handling up to 10,000 industry-standard IPsec tunnels. The Gateway is compatible with high-speed broadband as well as traditional WAN technologies, and has the performance necessary to harness even the highest levels of network traffic.

### **Easy to Set-Up and Use**

Bulwark Systems VPN offers a comprehensive application suite that is exceptionally easy to implement and use. It has integrated logging and reporting capabilities which ensures to keep an eye on what is happening throughout the network. The Bulwark Systems VPN Client is designed with ease of use in mind, minimizing the amount of installation and configuration that needs to be performed by the end user. Configuration wizards simplify deployment and make implementing VPN policies easier than ever before.

### **Deployment Flexibility**

Bulwark Systems VPN offers extensive deployment flexibility. Administrators have the choice of deploying VPN tunnels based on IPsec standard. Bulwark Systems VPN interoperate with a variety of industry-standard authentication and authorization schemes to deliver seamless connectivity within a wide range of security infrastructures. A number of VPN authentication methods are supported, including RADIUS, SecurID and PKI. VPN users from any location are able to log on to their Windows Domain or Active Directory networks and access shared resources from the central site.

### **Bundled VPN Client**

The software is easily installed on the Windows-based PCs of remote users to enable secure and transparent access to business email, data stores, and applications over the Internet. While most Internet communications are open to potential attack, the Bulwark Systems VPN Client combines the most effective authentication and encryption technologies to ensure that business communications are seen by authorized personnel only. Remote users carry out their communications and transactions through private, encrypted tunnels that extend between their desktops and the corporate network. Using the Bulwark Systems VPN client allows users to eliminate their reliance on expensive, long distance dial-up access.

# Virtual Private Network

## Bulwarks Secure Connectivity Solutions

### Features

Encrypted Throughput	85 Mbps 3DES
simultaneous VPN Tunnels	Supports multiple simultaneous VPN Tunnels
VPN Protocols	IPSec (IKE, ESP, AH), L2TP over IPSec, PPTP
Firewall	Stateful Inspection with NAT
Routing	OSPF, GRE, Multicast through VPN
Management	web-based configuration , CLI, Telnet.
Authentication	RADIUS, PKI, EAP, pre-shared key
High Availability	VPN Failover for site-to-site & client tunnels
Connectivity	PPPoE Client, DHCP server, DHCP client, Dynamic DNS
Remote Access Features	Split tunnelling, NAT firewall traversal (UDP Encapsulation), centrally-defined VPN policy (Accept Peer Proposal), interoperability with third-party IPSec Clients

### Technical Specifications

Interfaces	4 x IEEE 802.3/802.3u 10/100 Ethernet ports
Supported Standards	VPN: IPSec (IETF IP Security), L2TP, IPSec UDP Encapsulation Authentication: PKIX (IETF Public Key Infrastructure X.509), SCEP, Entrust, RADIUS, EAP, SecurID Networking: NAT, DHCP, SNMP, TFTP, Telnet, PPPoE, HTTPS, SSL (OpenSSL standard) Routing: OSPF, RIPv1, RIPv2, GRE, IGMPv3, DVMRP
Electrical	60W switching power supply
Form Factor	1U Rackmount/Desktop
Physical	44mm(H) X 228.05mm(W) X 429.8mm(D) Net Weight = 1.8Kg
Environmental	Operating Temperature: 0° to 45° C • Storage Temperature: -20° to 70° C Relative Humidity: 5% to 95% RH, non-condensing
LED	Power, Status LED and 4 x double-layer LED Indicators for network connector as ACT and Link

### Dimensions

