Smart Sensible Solutions

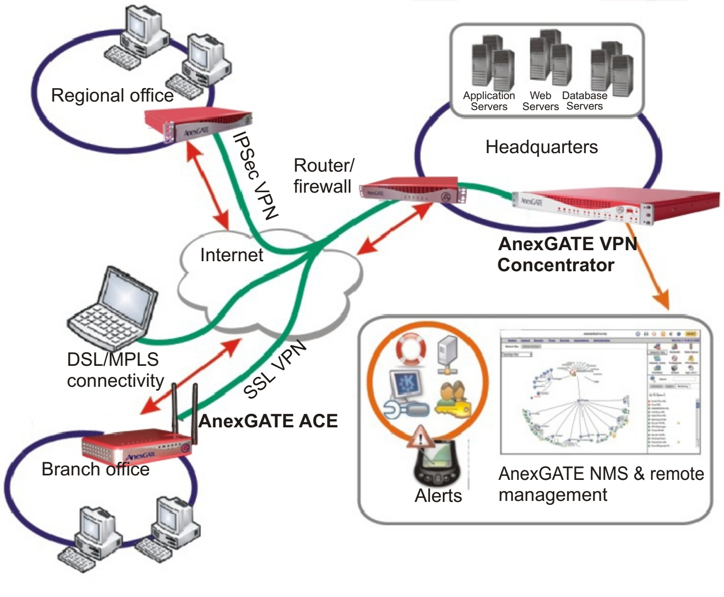
Smile Security and Surveillance Pvt.Ltd.

AnexGATE VPN Concentrator

AnexGATE SECURE VPN

Create reliable, high performance, scalable VPN connections across geographies, ISPs, and diverse network devices.

Building a Virtual Private Network over broadband is the most secure, reliable, and cost-effective way for a company to transact business across a geographically distributed area. The AnexGATE VPN Concentrator is a powerful and flexible remote access solution for Enterprises. Users can remotely access network services such as ERP, CRM or Intranet from anywhere in the world. Branches can securely connect via site-to-site VPN with AnexGATE VPN Concentrator, giving seamless, secure connectivity to business applications such as Oracle, Tally, SAP, and others. In addition the AnexGATE VPN Concentrator can be configured as a VPN firewall, router, and proxy segregating VPN and non-VPN traffic ensuring perfect security. The multiple VPN technologies, clustering and failover, VPN tunnel, user management, detailed usage reports of AnexGATE VPN Concentrator helps in providing secure, authenticated remote branch and nomadic access to servers located in the HQ or datacenter.



Flexibility

The AnexGATE offers a choice of three independent VPN technologies which can be enabled simultaneously, giving you flexibility to provide the best possible connection type to each remote user or location. For mobile users PPTP VPN is ideal with built-in PPTP client for laptops. For highest security, reliability, ease of use and fine-grained control AnexGATE recommends the use of SSL VPN. Whereas for interoperability with heterogeneous external network devices IPSec may be used (AnexGATE conforms to IPSec/IKE RFCs and is compatible with Microsoft, Cisco, Nortel, Checkpoint, Netscreen and

100% Uptime

With increasing number of mobile users and remote sites accessing the essential application servers located in the head quarter DMZ, the VPN performance and availability becomes critical. AnexGATE's VPN solution allows you to setup a clustered, multi-homed environment for high reliability with multi-ISP load-balancing and failover, ensuring 100% VPN uptime for all the users.Our customers are currently using AnexGATE VPN link as a secondary backup to an existing private leased-line, VSAT, or MPLS. The advanced link failure detection and routing mechanism of AnexGATE makes it a smooth transition for all critical branch transactions where downtime needs to be close to zero. For hardware failover and load balancing, multiple servers can be configured and the clients can automatically connect to the available servers. High availability with VRRP is supported for additional protection

Scalability

Both large and small enterprises use site-to-site VPNs (hub and spoke) to communicate to their business systems. As sharing of information grows, the number of VPNs will also grow. Especially in the area where site-to-site VPNs are created for the inter-office encrypted VoIP calls and data sharing between various office locations. Using an SSL VPN to carry VoIP over TCP actually improves voice quality, according to testing done by Network World. VPNs can also provide security for VoIP calls running over Wi-Fi networks, blocking eavesdropping. Some of AnexGATE's customers who are using SSL VPN have hundreds of concurrent users, load-balanced over multiple VPN Concentrators. These customers are very happy with the excellent scalability options provided by AnexGATE.

Security

The AnexGATE ensures secure data transfer with various certificate options. Perfect Forward Secrecy allows encryption keys to change every hour and prevent ciphering option. Client keys can be locked to source IP address and be password protected. The AntiVirus/AntiSpam, content filtering, Stateful Packet Inspection and Intrusion Detection of AnexGATE can enforce added security needed by customers. NAT traversal lets users connect from all common ISPs.

SLA Monitoring

The constant monitoring of VPN usage and prioritizing of the traffic helps the customer make most usage of the link. Customers can even reserve bandwidth for each VPN client.

Reports

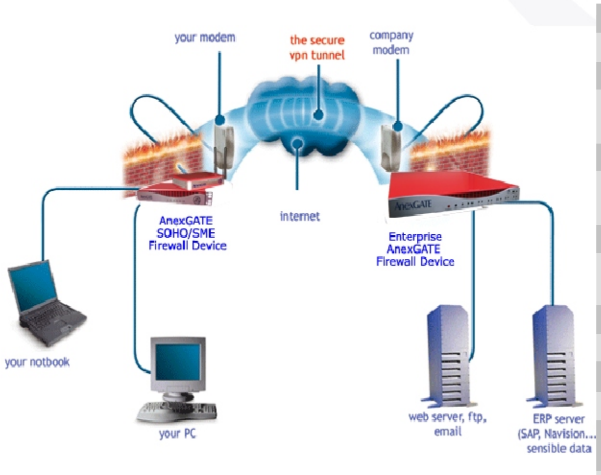
Detailed VPN server usage and top client connectivity reports are available in graphical or PDF report format.

Managing the AnexGATE VPN Concentrator

The best part about the AnexGATE VPN Concentrator is that your network administrator does not need dozens of certifications to get it up and keep it running! A comprehensive and easy to use Web GUI lets you create servers, create users, add routes, and add restrictions very easily. The AnexGATE VPN Concentrator ensures smooth operation by managing the network operations centrally from a single web interface. No additional management or security tools are required to be installed, making the network configuration simpler. The easy rollout option with customer-specific default configurations are hard to match with from devices available from other vendors

Features at a glance

- Multiple virtual VPN servers on the same hardware, for scalability and performance and also able to do failover between
- Multiple VPN servers in the same hardware
- Support for VRRP, for hardware redundancy o Automatic configuration synchronization between VPN devices supported
- Multi-ISP Load Balance and Failover support
- Support 3 WAN & 3 LAN ports
- Multi WAN & LAN zones
- Provision to support bandwidth allocation to the connected VPN site to site clients
- VPN setup over broadband / High Speed data card links
- Failover of VPN link over multiple broadband links o The VPN tunnel should pick the working broadband and setup the tunnel over it o Stateful Firewall with deep packet inspection support
- Perfect Forward Secrecy to prevents ciphering option
- Support Encryption types: DES, 3DES, AES, Blowfish
- Support Message integrity: MD-5 and SHA-1
- Support Password protected Private key for client
- VPN Server/client should support dynamic public IP addresses
- Support for NAT of VPN traffic
- Site-Site and nomadic SSL/IPSec VPN clients supported and scalable up to 5000+ clients without change in underlying hardware
- Automatic RDP/VNC to connected VPN clients supported, for remote support
- Possible to monitor connected / disconnected VPN clients, on a real-time basis
- Reporting of VPN clients connecting to the VPN server, with details of data transferred available. o Reports retrievable over a period of 6 months.
- Daily scheduled reports of the connected VPN clients, its remote IP, time it connected to the VPN server and it total bandwidth usage to be delivered over email, to multiple configured email addresses
- Possible to generate alert emails when there is a system alarm
- Alarm indication available over SMS, with the configured SMS gateway
- Alarm information available on a web browser, on a real-time basis


your modem
the secure vpn tunnel
company modem
internet
AnexGATE SOHO/SME Firewall Device
AnexGATE
Enterprise AnexGATE Firewall Device
your notbook
your PC
web server, ftp, email
ERP server (SAP, Navision... sensible data

VPN Features	IPSec	SSL VPN*
Ease of use	Hard	Easy
Encryption	Good	Good
Client required	Depends on peer service	Yes
Site-to-site VPN	Yes	Yes
Client-to-site VPN (road warrior)	Yes	Yes
Concentrator failover setup	Very difficult	Easy
Concentrator load-balancing setup	Very difficult	Easy
Multi-homed concentrator	No	Yes
Multicast traffic	No	Yes
Bridged interface	No	Yes
Routed interface	Yes	Yes
Certificate based authentication/PKI	Yes	Yes
Password authentication/PSK	PSK	Yes
Works over NAT	May not work with all IPSec peers	Yes
Works with dynamic IP	No	Yes

* All Specification and photos are subjected to change without prior notice

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