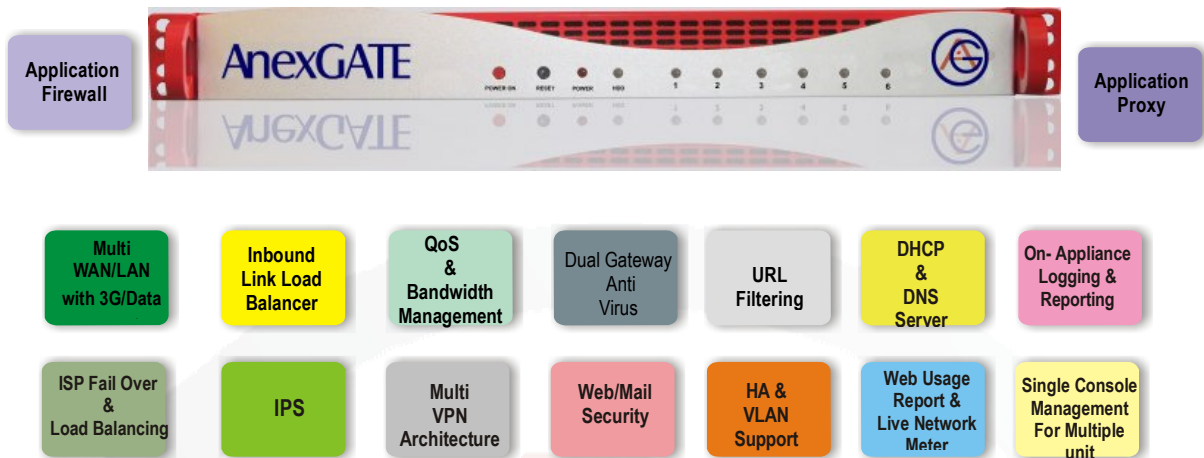


# Unified Security Gateway



## AnexGATE – AG200

AnexGATE Unified Security Gateway is a powerful, flexible and highly customizable networking solution that adds intelligence to enterprise networks. It delivers a rich set of features including advanced routing, load balancing and traffic management, with a focus on security. It leverages a variety of latency and loss mitigation techniques, Quality of Service, Multiple link Load balancing & Gateway Failover. It also features VPN, Stateful firewall with Application Proxy with web cache engine, virus scanning, web blocking through URL Filtering based on Integrated categorized Database of websites. By providing controls to security of chats and Email Applications, AnexGATE USG helps in encountering most sophisticated Malware issues. The intuitive design of the Web-based interface allows most complex networks and applications to be configured easily. ANEXGATE Unified Security Gateway captures a holistic picture of the network and services in a hyper graph view. The alert mechanism informs system administrators of network problems through Emails, SMS and RSS feeds. AnexGATE Unified Security Gateway generates customized reports for Auditing and Troubleshooting.

## AnexGATE – AG200 includes:

- Stateful Packet Filter & Application Layer Firewall for Perimeter security.
- Intrusion Prevention System protects against attacks like DDOS, IP spoofing, Tear Drop Attack, Ping of Death etc.
- Easy to configure Web Based interface with Remote Administration and hosts of Network Management tools.
- Virtual Private Network: industry standard Secure SSL /IPSec /PPTP VPN
- IP/Mac based firewall filtering with Time-scheduled Policies
- Application Proxy Server with Web Caching Engine .Complete Internet management with attachment Filters, Time slots, Group browsing policies etc. Along with Transparent Proxy feature. Prevention against Trojans, Worms, Spyware .It support IP, MAC, Internal & External Database
- Dual Gateway Antivirus for Email, Browsing and FTP traffic with Anti Spam .
- Multiple ISP links Support with Gateway failover
- USB Data Card support for Backup WAN link
- Multiple Link Load Balancing (Both Inbound/Outbound)
- Multiple LAN & DMZ support
- Qos & Bandwidth/Traffic management
- High Availability & VLAN support
- DHCP & DNS Service provides automatic supply of IP addressing & automatic name resolution.
- Content filtering Solution, keyword, IP wise Site block, Attachment MIME type blocking and Mail attachment filters.
- LDAP/Active Directory Support
- SNMP & Network Meter
- Inventory Management (Add-ons)
- Wifi Hotspot (Add-ons)
- Inbuilt Instant Messenger (Add-ons)
- Comprehensive logs and reports on bandwidth utilization
- Email and SMS notify

## System parameters

Interfaces	6 Gigabit
Concurrent Session	450,000
New Sessions /Second	12,000
Firewall Throughput (Mbps)	1200
3DES/AES Throughput (Mbps)	125/150
Antivirus Throughput (Mbps)	250
UTM Throughput (Mbps)	225



## Features & Specifications:

### Firewall

- Stateful Packet Filter Firewall
- Network attack detection
- Source & Destination NAT based Policy
- Multiple Zones security with separate levels of access rules enforcement for each zone
- Rules based on the combination of IP, MAC, Source & Destination Zone and IP address
- Access Scheduling
- DoS and DDoS protection
- Brute force attack mitigation
- SYN cookie protection
- Zone-based IP spoofing Malformed packet protection

### Unified Threat Management

- Dual Gateway Antivirus
- Integrated URL filtering.
- In build URL database support
- Threat Signature and URL database update
- Intrusion Detection & Prevention system.
- Protocol anomaly detection.
- Multi zone policy framework

### Web Security

- Application Proxy with web cache support
- Transparent Proxy support
- Integrated URL Filtering
- Web Authentication
- Group Based web Access Policies
- External authentication servers support
- Anti Malware Scanning of Web traffic
- Unlimited policies support
- Port control on web traffic
- Time Based Access control with Multi-Time Intervals
- User /Group identity Based Bandwidth Management
- Download & Upload Limit Control
- WPAD Support
- Wi-Fi HotSpot

### Gateway Anti-virus

- Virus, Worm, Trojan Detection & Removal
- Spyware, Malware, Phishing protection
- Automatic virus signature database update
- Scans mail and web traffic
- Customize individual user scanning
- Scan and deliver by file size
- Block by Mime and file types

### Mail security and Anti Spam filter

- SMTP & POP3 proxy
- Advance Spam detection techniques
- SPF record Checking
- RBL/ SBL/ CBL lookup, MIME header check
- Bayesian filter
- Auto Learning
- Content level checks
- Anti virus check
- Filter based on message header, size, sender, recipient
- IP address Black list/White list
- IP Reputation-based Spam filtering

### VPN

- Secure SSL, IPSec and PPTP
- Encryption - 3DES, DES, AES, Twofish, Blowfish Hash --Algorithms-SHA-1,MD-5
- Authentication: Preshared key, Digital certificates
- Key Exchange - IKE, Manual Key, PKI
- IPSec NAT Traversal
- Dead peer detection and PFS support
- Diffie Hellman Groups support
- Compatible with other IPSec
- VPN Redundant VPN Gateway

### Networking /Routing

- Multiple Link Auto Failover
- Static routes
- Forwarding DNS server
- DHCP server
- Policy-based routing
- Dynamic Routing
  - RIP (V1/V2)
  - OSPF
- Multicast
  - Reverse Path Forwarding (RPF)
  - IGMP (v1, v2)
  - IGMP Proxy
  - PIM Sparse mode
  - PIM source-specific multicast
  - Multicast inside IPSec tunnel
- PPPOE client

### User Authentication and Access Control

- Built-in (Local) database
- Windows Domain Controller & AD Integration
- Import groups from external servers
- Web, mail, VPN service Authentication
- Portal based Authentication

### Traffic Management Quality of Service (QoS)

- Guaranteed bandwidth
- Maximum bandwidth
- Ingress traffic policing
- Priority-bandwidth utilization
- Differentiated Services stamping

### Bandwidth Management

- Application and User Identity based Bandwidth Management
- Category-based Bandwidth restriction
- Guaranteed & Burstable bandwidth policy
- Application & User Identity based Traffic Discovery
- Multi WAN bandwidth reporting

### Multi ISP Link & Load Balance

- Support for multiple Uplinks/WAN
- Multiple Link Gateway Failover
- Link Load balancing (Inbound/Outbound)
- Monitoring of WAN Uplinks

### WAN connectivity

- Ethernet (Static/DHCP) PPPoE
- Data card (USB)
- Dynamic DNS
- V.35 (optional)

### On-Appliance Reporting

- Security Reports for Suspicious Activities
- Attack Logs & logging of Intrusions
- Policy violations reporting
- Web Category reporting (user, content type, size, time etc)
- Graphical Bandwidth report
- Data transfer reporting (By Host, Group & IP Address)
- Virus reporting by User and IP Address
- Real time reporting through network meter

### System Management

- Web UI (HTTP and HTTPS)
- Command line interface (console)
- Command line interface (telnet)
- Command line interface (SSH)
- All management via VPN tunnel on any interface

### Administration, Logging/Monitoring

- Five levels of users-Admin, Power-User, Operator, Monitor & Employee
- Software upgrades
- Configuration Backup & Rollback
- Notification through SMS & Email
- SNMP (v2)
- Inventory Management (Add-ons)
- IPTraf / TCP Dump
- Inventory & Remote Management
- Various other network tools

### Hardware

- Rack Mount 1U Platform
- Memory : 2/3 GB
- USB : 2
- Power : AC 100-240 V/ 50-60 Hz

- Dimensions: 44mm (H) \*300 mm(D)\*430 mm (W)
- Weight and color : 6.0 kgs Approx / Red

\* All specifications and photos are subject to change without notice

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\* Compliant with CE, FCC certifications

\*Antivirus, IPS and UTM performance is measured based on HTTP traffic as per RFC 3511 guidelines. Actual performance may vary depending on the real network traffic environments.

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