

A single WAN connection is risky for enterprises with a heavy reliance on information technology due to the consequences of disconnections. To avoid profit loss, the best policy is to deploy a network with a failover mechanism.

Accordingly, Nusoft MHG series gateway comes equipped with firewall, link failover, load balancing, policy-based routing (PBR), total VPN solution, QoS, Web filtering, AAA server, application blocking, anomaly traffic detection, and more to not only provide multi-homing capability, but to help manage the bandwidth and users with a reasonable yet cost-effective means.

Full IPv6 Compatibility

The device is completely compatible with the mainstream Internet protocol of the future -- IPv6. There is no budget required for implementing another IPv6-based gateway simply for IPv4-to-IPv6 address translation.

Custom Network Interfaces and Groups

Multiple network interfaces are available for defining as LAN, WAN, DMZ or network groups (isolated from one another). Thus, Nusoft MHG series gateway can serve as an internal firewall physically separating each subnet with its grouping feature, which undoubtedly boosts your network security.

In- / Outbound Load Balancing & PBR

The device can load-balance in- / outbound traffic evenly across WAN ports based on various load-balancing algorithms. It efficaciously makes the most of your bandwidth and ensures you with a reliable connection. Besides, its policy-based routing (PBR) mechanism allows WAN ports to be assigned for specific purposes (or traffic).

A Total VPN Solution

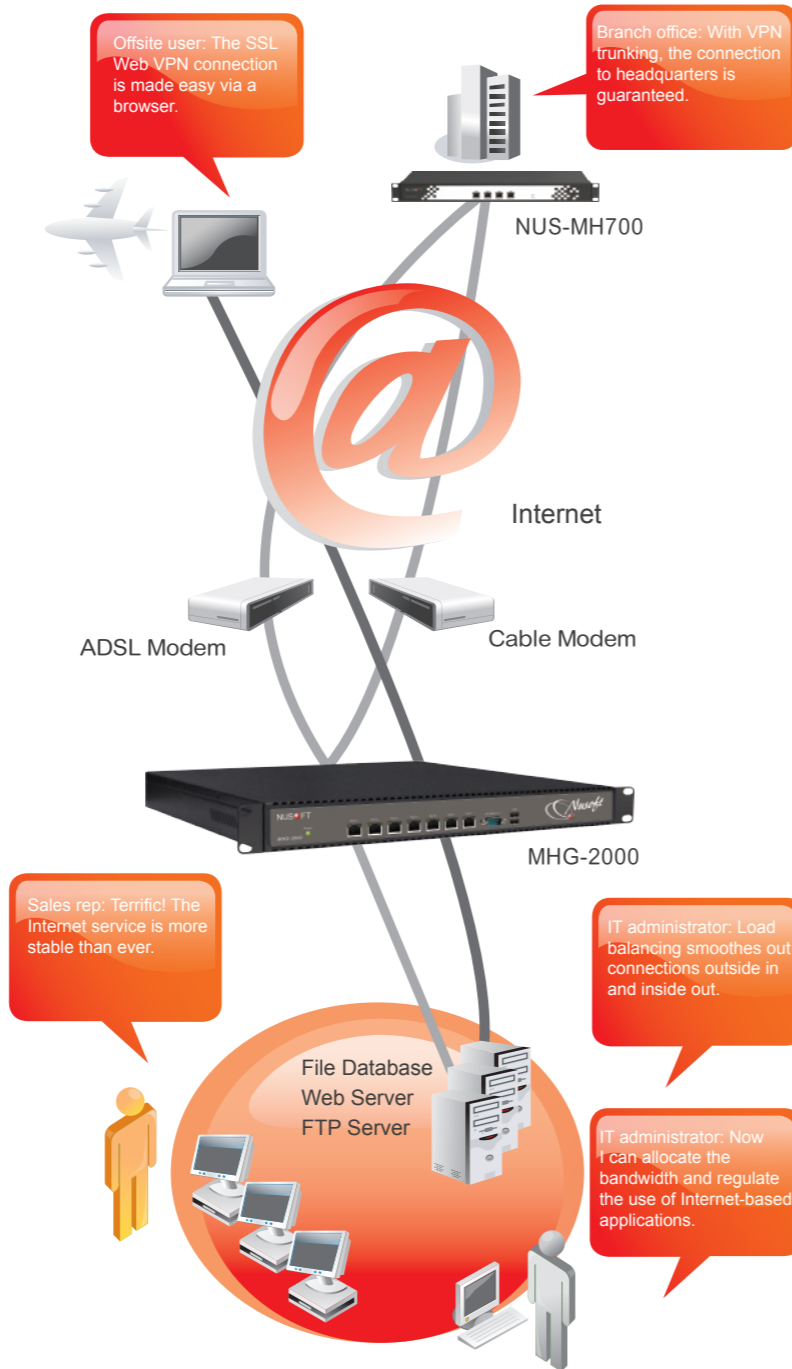
Nusoft MHG series' VPN trunking capability ensures failover and bandwidth aggregation to IPSec and PPTP tunnels, and the SSL Web VPN connections adopt Hardware Authentication technology to verify the identity of users, saving the need for complex configurations. Moreover, the device efficaciously secures highly confidential business information carried over the VPN and provides advanced management such as QoS and authentication.

AAA Server

It provides authentication (user identification), authorization (access permission), and accounting (usage information) services for easy network management.

Web Filtering Mechanism

The Web Filter employs a cloud-based URL database to categorize websites. Simply by specifying the website category, Web access can be easily managed. Better yet, IT administrators are allowed to restrict file transfers, MIME types and browser scripts, and provided with detailed logs and statistics for diagnosis.



Quality of Service (QoS) / Individual QoS

The QoS mechanisms allow IT administrators to base the bandwidth allocation on the company's network policy, preventing bandwidth being exhausted by minorities.

Internet-Based Application Blocking

Despite the convenience of instant messaging (IM), the use of IM clients is difficult to manage and thus opens the door for business thefts and viruses. Accordingly, Nusoft MHG series gateway has the capability to block the use of IM clients such as MSN, Yahoo!, Skype, ICQ, and QQ for messaging or file transfer.

In addition, the use of other Internet-based applications may as well result in security breach. It could bring along high bandwidth consumption, information asset leakage, and malicious code, etc. In answer to that, to ensure network security, the device allows you to restrain P2P sharing (eMule, BitTorrent, WinMX, eDonkey, Foxy, etc.), multimedia streaming, Web-based email access, online gaming, VPN tunneling, and remote controlling.

| Hardware Specifications | | MH-300 | MH-700 | MHG-1000 | MHG-1500 | MHG-2000 | MHG-3000 | MHG-5000 |
|--|------------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|
| Networking | Port Density | 4 FE (RJ45) | 4 FE (RJ45) | 4 GbE (RJ45) | 6 GbE (RJ45) | 7 GbE (RJ45) | 12 GbE (RJ45/Mini-GBIC) | 12 GbE (RJ45/Mini-GBIC) |
| | User-Definable | Lx1 Wx2 Dx1 | Lx1 Wx2 Dx1 | ✓ | ✓ | ✓ | ✓ | ✓ |
| Power Redundancy | | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ |
| Form Factor | | 9" desktop unit | 1U Rack-Mountable | 1U Rack-Mountable | 1U Rack-Mountable | 1U Rack-Mountable | 2U Rack-Mountable | 2U Rack-Mountable |
| Product Features | | | | | | | | |
| IPv6 Compatibility | | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Interface Grouping | | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ |
| SPI / Internal Firewall | | ✓/✗ | ✓/✗ | ✓/✓ | ✓/✓ | ✓/✓ | ✓/✓ | ✓/✓ |
| Web Filtering | | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Load Balancing | Inbound | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Outbound | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Policy-Based Routing | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| AAA Server (Authentication / Authorization / Accounting) | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| QoS | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Individual QoS | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Up- / Download Blocking | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Application Blocking | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| VPN | IPSec / PPTP VPN | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | VPN Trunking | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | SSL Web VPN | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| VLAN / VLAN Trunking | | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ |
| High Availability | | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ |
| Max. Concurrent Users | | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited |
| Performance Statistics | | | | | | | | |
| CPU Cores / Threads | | 1 / 1 | 1 / 1 | 1 / 1 | 2 / 2 | 2 / 2 | 8 / 8 | 8 / 16 |
| Firewall Throughput | | 110 Mbps | 190 Mbps | 1.6 Gbps | 2.5 Gbps | 3.3 Gbps | 3.4 Gbps | 5.0 Gbps |
| CPU Consumption (The lower, the better.) | | — | — | 75 % | 40 % | 37 % | 11 % | 3 % |
| Max. Concurrent Sessions | | 45,000 | 110,000 | 582,000 | 1,000,000 | 1,000,000 | 2,000,000 | 2,000,000 |

■ MH Series - 300 / 700 ■ MHG Series - 1000 / 1500 / 2000 / 3000 / 5000

