Multi-Homing UTM Security Gateway

As Internet becomes essential for your business, the only way to prevent your Internet connection from failure is to have more than one connection. PLANET's Multi-Homing UTM (Uified Treat Mnagement) Security Gateways is the one more than one that reduces the risks of potential shutdown if one of the Internet connections fails net. With Built-in fuzzy intelligence Dynamic Round-Robin, weighted Round Robin, it provides flexible load balancing function to keep up the Internet connection.

In addition to a multi-homing device, PLANET's Multi-Homing Security Gateways provide a complete security solution in a box. The rule-based firewall, Intrusion detection and prevention, multiple content filtering function, Anti-virus, Anti-spam and VPN connectivity with 3DES and AES encryption make it a perfect product for your network security. No more complex connection and settings for integrating different security products on the network are required.

Bandwidth management function is also supported on MH-5001 to offer network administrators an easy yet powerful means to allocate network resources based on business priorities, and to shape and control bandwidth usage.

Key Feature

- ***All in one Security Gateway*** The MH-5001 integrate the features includes, Multiple WAN, Multiple NAT, VPN tunneling, IDS/SPI, Content Filtering, Bandwidth Management, Anti-Virus, and Anti-Spam. All the most security features in one powerful device.
- ***Outbound Load Balancing*** The outbound WAN load balancer module will intelligently decide whether the new connection will be directed to which WAN link. It has a built-in fuzzy intelligence that will measure the round-trip delay of the traffic and make the best route selection.
- ***Bandwidth Management*** Network packets can be classified based on the policies, and given limitation bandwidth with different priority.
- ***IPS*** The Intrusion Detection/ Prevention Systems (IPS) will detect more than 2500 application-level attacks, and the logs will be generated and be sent via email.
- ***Rule-based SPI Firewall*** The built-in rule-based SPI firewall protects against Denial of Service (DoS) attacks. It allows user to define the specified WAN or LAN users to use only allowed network services.
- ***VPN Connectivity*** The security gateway supports IPSec, PPTP and L2TP VPN. With DES, 3DES and AES encryption and SHA-1 / MD5 authentication, the network traffic over public Internet is secured. MH-5001 offers also site to site, client to site to meet the demands for different VPN connections.
- ***VPN Hub and spoke*** To save the effort of branches to branches communication, the VPN Hub and spoke features help to route between branches without create additional / dedicated VPN link between branches. This shall ease he effort to manage all the tunnels toward branches also central mange the whole network from headquarter.
- ***Content Filtering*** Varied protocol of content filtering can block specific Internet connection by user's definition, such as Web, Mail and FTP. The Java Applet, cookies and Active X packets can also be blocked by user configuration.
- ***Anti Virus*** MH-5001 scans the SMTP/ PoP3 / IMAP mail follow the built-in virus pattern, preventing infected virus mail into the network.
- ***Anti-Spam*** It can restrict the commercial mails to send, to be received, and append "[SPAM]" to email subject if recognized as SPAM email. And then email receivers may easily judge his next step while receiving mails.
- ***Automatically database server update by day/hour/minute*** You can specify a certain period of time to update MH-5001 database, and to keep your LAN area more safely under the protection.
- ***Multiple NAT*** Multiple NAT allows local port to set multiple subnet works and connect to the Internet through different WAN IP addresses.
- ***High Availability*** With High Availability (HA) the enterprise can build a pair of MH-5001 as a redundant to keep the device always alive in the network.
- ***Authentication*** Up to 2000 local database authentication, or POP3/IMAP/RADIUS authentication server support.

Specification

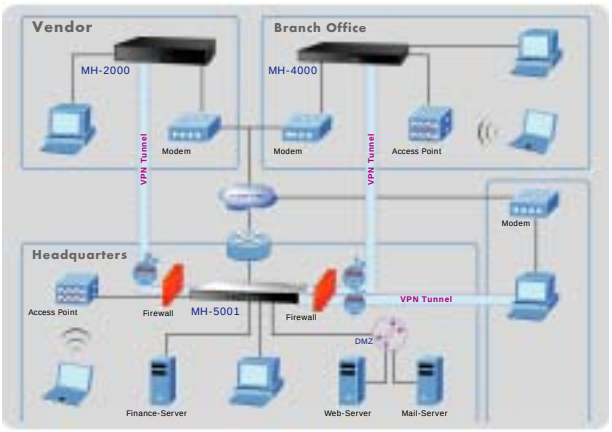
Product	Multi-Homing UTM Security Gateway
Model	MH-5001
Hardware	
Ethernet* WAN	2 x 10/100/1000Mbps RJ-45
DMZ	1 x 10/100/1000Mbps RJ-45
LAN	2 x 10/100Mbps RJ-45
LED	POWER, STATUS; SPD and LNK/ACT for each port
Power	115~240 VAC, 50~60Hz 6A
Operating Environment	Temperature: 0 ~ 50°C Relative Humidity: 5% ~ 95%
Dimension	1U Rackmount
Regulatory	FCC, CE Mark
Software	
Management	Web, HTTPS, SNMP, Telnet, SSH, MISC, Command line interface
Network Connection	Transparent, NAT, Multi-NAT
Routing Mode	Static Route, RIPv1,v2, OSPF
Outbound Load Balancing	Built-in fuzzy intelligence Dynamic Round-Robin, weighted Round Robin
Bandwidth Management	Class-based policies Maximum bandwidth Priority bandwidth utilization
Firewall	Rule-based SPI firewall Alert detected attack Filtering packets in VPN tunnels
VPN Tunnels	IKE: 256, Manual key: 2000
VPN Functions	IPSec, PPTP, L2TP support DES, 3DES and AES encrypting and SHA-1 / MD5 authentication algorithm support IPsec, PPTP, L2TP VPN pass through VPN client to site, site to site support
Content Filtering	Policy-Based content-filtering; Web, FTP, Mail content filtering support; Blocks Java Applet, cookies, Active X, MSN over HTTP; URL filter by keyword, URL
IPS	Over 2500 NIDS pattern and on-line pattern update; DDOS and DOS detected; Attack alarm via E-mail
Anti-Virus	Email attachment virus scanning by SMTP, POP3, IMAP Automatic virus database by day/hour/minute Alert by e-mail
Anti-Spam	User define white/black list by file name, attachment, subject, keyword Fuzzy keyword analysis
Logs	Alert by e-mail E-mail notify; Event logs and alarm; System, firewall, IDS, content filtering, VPN logs support
Others	Dynamic DNS; DNS Proxy; DHCP Relay; SNMP Control; Definable interface; Database update by schedule

* Ethernet interface is changeable, up to 4 WAN (at least one LAN required), 4 LAN (one WAN required), or 3 DMZ (one WAN/LAN required).

Applications

Medium enterprises, branch offices

The MH-5001 is a highly integrated device including most connectivity and security features for meeting medium enterprise needs. It is not required to change the existing network infrastructure, but provides a cost-effective WAN backup while using inexpensive, high-speed broadband. Increasing traffic loading is easily solved by balancing over multiple WAN connections, the changeable interfaces provide more than two WAN connections, and the network bandwidth can be easily increased by adding another ISP connection.



Ordering Information

MH-5001	Multi-Homing UTM Security Gateway (2 x WAN, 2 x LAN, 1 x DMZ, 256 IKE tunnels, 2000 Manual key tunnels)

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