PLANET
Networking & Communication

UTM Content Security Gateway

CS-950

UTM Content Security Gigabit Gateway

Antivirus | Antispam | IDP | VPN | Content Filter | AP Control

Presentation Outlines

- **Product Positioning**
- **Product Overview**
- **Product Advantages**
- **Product Features**

- **Applications**
- **Comparison Table**
- **Appendix**

PLANET Network Security Family

UTM Security Gateway

CS-950 (50 users)
- Clam AV Antivirus
- Up to **1.8G** UTM throughput
- Up to **180** Mbps throughput
- Up to **90** Mbps VPN throughput
- Up to **50** SSL VPN tunnels
- Up to **50** AP Controller
- SNMP Switch Co-defense

CS-1100 (100 users)
- Clam AV / **Kaspersky** Antivirus
- Up to **3.2G** UTM throughput
- Up to **460** Mbps throughput
- Up to **500** Mbps VPN throughput
- Up to **400** SSL VPN tunnels
- Up to **100** AP Controller
- SNMP Switch Co-defense

CS-2200 (200 users)
- Clam AV / **Kaspersky** Antivirus
- Up to **5.5G** UTM throughput
- Up to **560** Mbps throughput
- Up to **650** Mbps VPN throughput
- Up to **500** SSL VPN tunnels
- Up to **200** AP Controller
- SNMP Switch Co-defense

AP Control | IPv6 Management | Antivirus | Antispam | Content Filter | IDP | VPN | VLAN | Load Balance | URL Blocking | QoS | PLANET DDNS

VPN Firewall

MH-2300 (25 user)
- 25 IPSec/PPTP VPN
- DOS/SPI Firewall
- Content Filtering

Planning
Developing
Available
New Phase-in

Extreme Series   **Advanced Series**   **Professional Series**

Product Overview

Product Overview

◆ **Differences between UTM Gateway and VPN Firewall**

Model	CS-2100	CS-950	MH-2300
	UTM Content Security Gateway		VPN Firewall
Antivirus (AV)	O	O	x
Antispam	O	O	x
IDP (Intrusion Detection and Prevention)	O	O	x
Application Control	O	O	x
VPN High Availability (HA)	O	O	x
AP Controller	x	O	x
SNMP switch Co-defense	x	O	x
VPN	IPSec, PPTP/L2TP, SSL VPN		IPSec, PPTP
Firewall (DOS/SPI)	O	O	O
Content Filtering (CF)	O	O	O
User Authentication	O	O	O
Load Balance	O	O	O
Failover	O	O	O
IPv6	O	O	O

Product Overview

◆ **Front Panel of CS-950**

2 Port LED Indications   **1** System/Power LED

Product Overview

◆ **Rear Panel of CS-950**
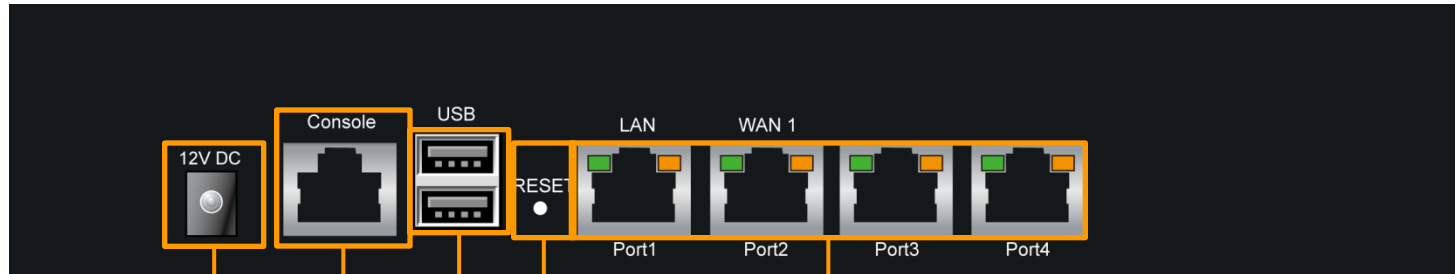
1 Power DC Jack

2 Console Port

3 USB Slots

4 Reset Button

5 Gigabit Ethernet Port

Product Advantages

Product Advantages

◆ **As required by customers**

Antivirus/Antispam and **IDP** functions provide advance protection for business

Integrated **AP controller** and **switch Co-defense** to provide flexible deployment options

UTM Content Security Gigabit Gateway

CS-950

Complete protection with **Filtering** **Application Control**

All-in-one **Next Generation UTM** for small businesses

SL, **IPSec** and 2TP over VPN connectivity

Product Advantages

◆ **AP Management**

✓ **CS-950 can be a unified platform to control and manage deployed wireless access points.**

	Activity	Delivery Status	Alias	IP	Channel		SSID	Enable WiFi
AP Management Setting		AP Management						
AP Management User defined ssid sort								
☐ Group1								
☐ ☐ WDAP-702AC Delivery								
☐	🟢	✅	PLANET	192.168.1.252	Auto	2.4GHz	PLANET_3-2.4GHz	✅
					Auto	5GHz	PLANET_1-5GHz	✅
					Auto	2.4GHz	702AC_private	✅
					Auto	2.4GHz	702AC_private	✅
							More	

+ Add ✎ Edit ✖ Del

INTERNET

CS-950

Switch

WDAP-702AC

WBS-200N

Max. 50 APs.
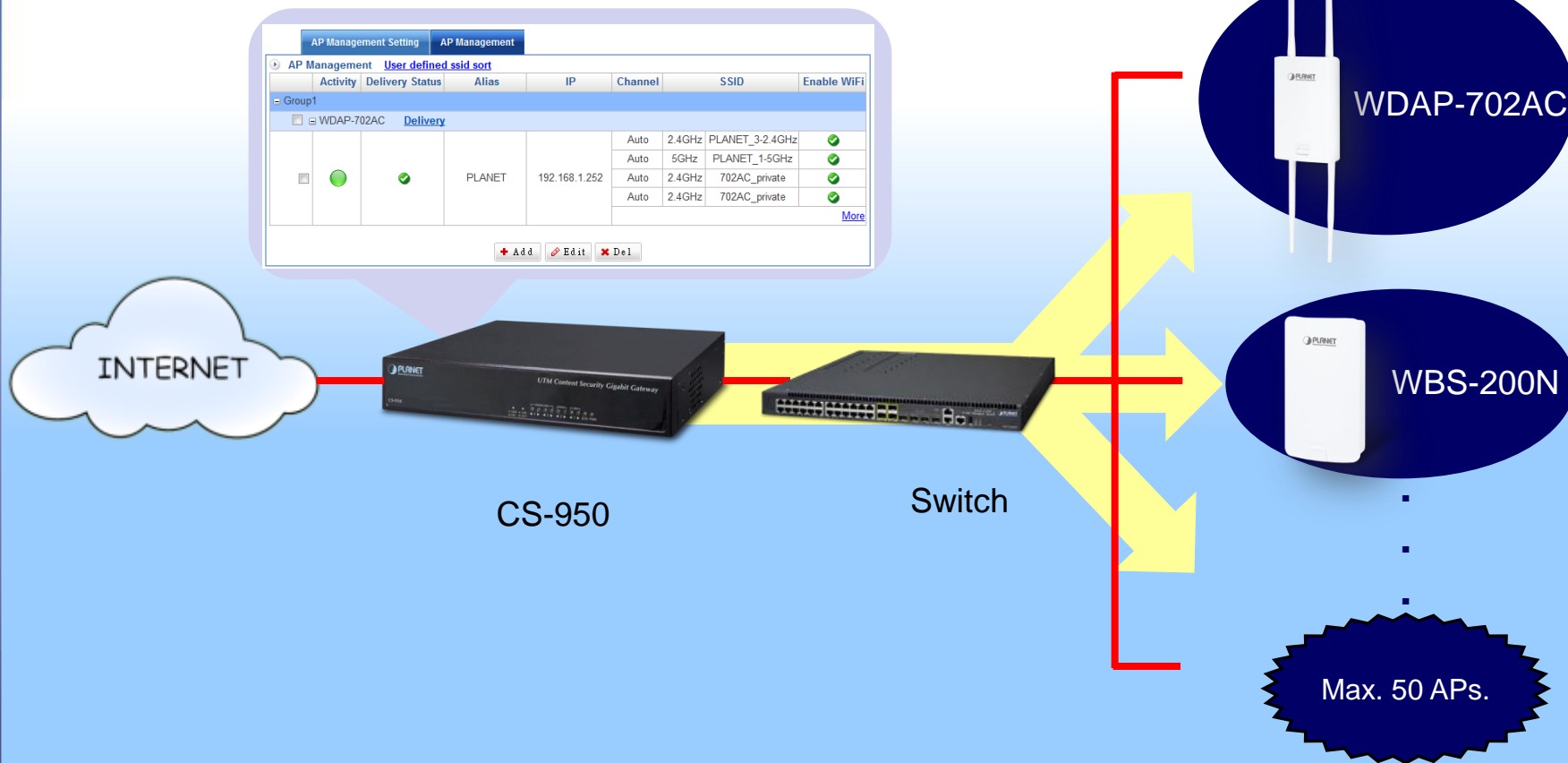
Product Advantages

◆ **Antivirus & Antispam Functions**

✓ **CS-950 can detect the mail containing viruses and spam at the first moment.**

Hacker

Web / FTP server

UTM Content Security Gigabit Gateway

CS-950

Internet

User Group
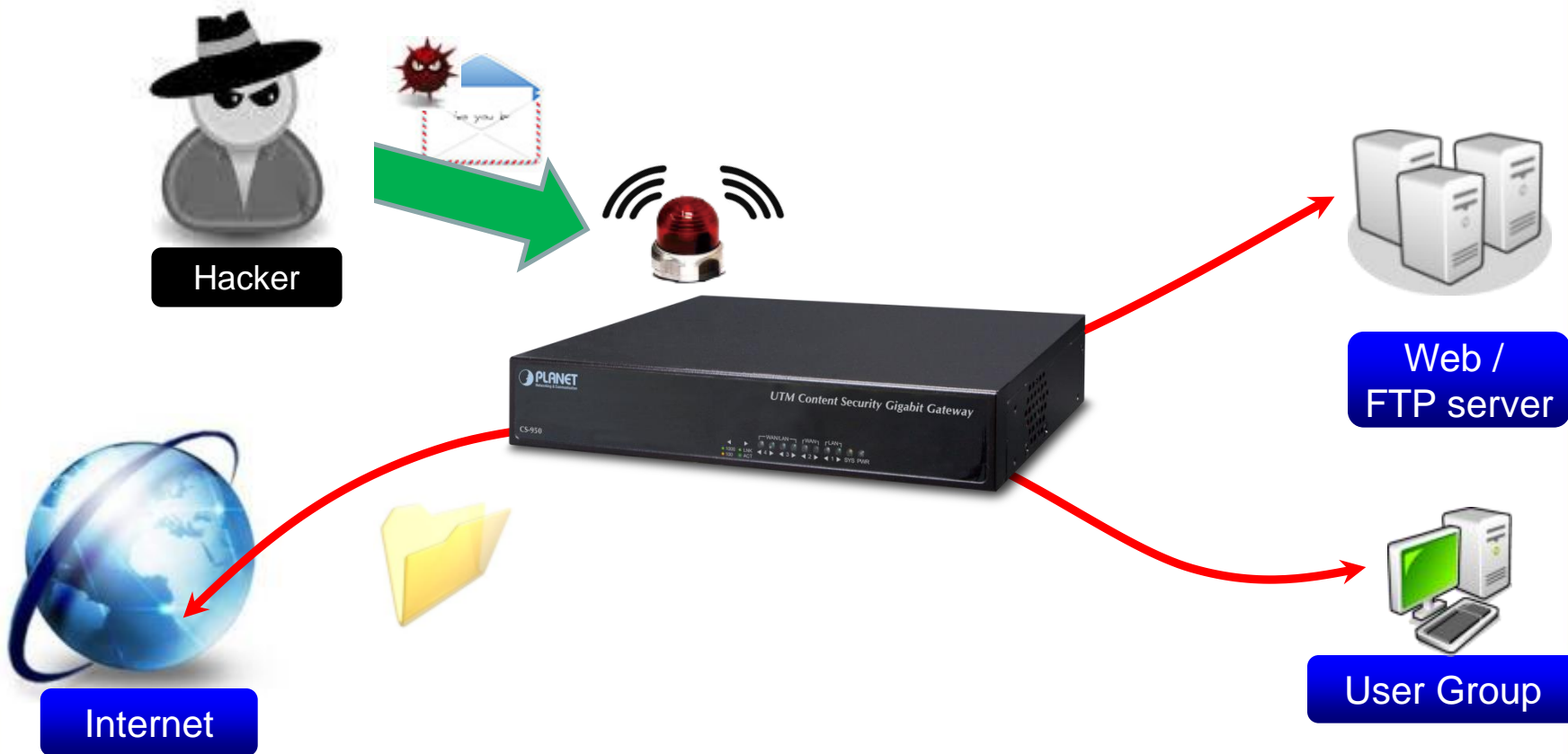
Product Advantages

◆ **Load Balance**

✓ **Distributes the outward sessions by the usage status of each WAN port.**

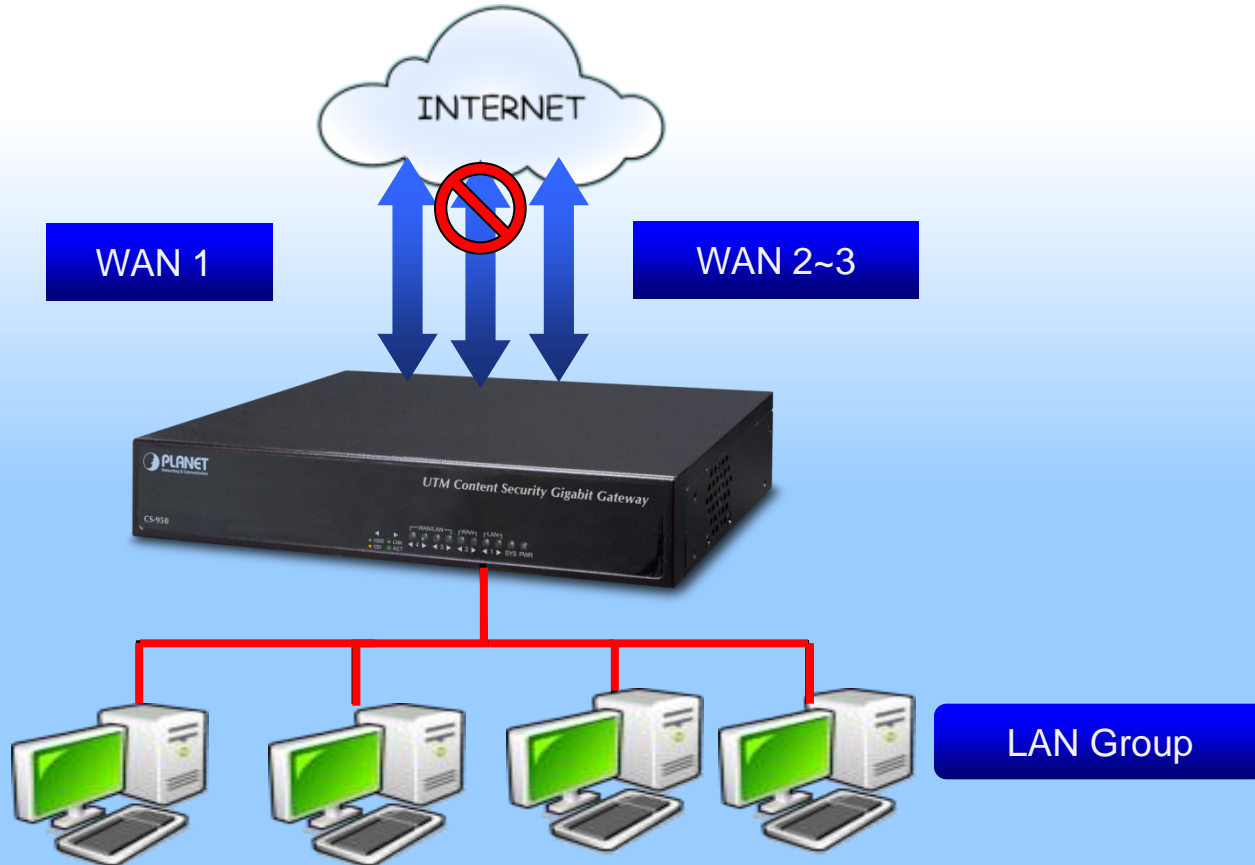WAN 1 loading without Load Balance

WAN 1~3 loading with Load Balance

INTERNET

WAN 1

WAN 2~3
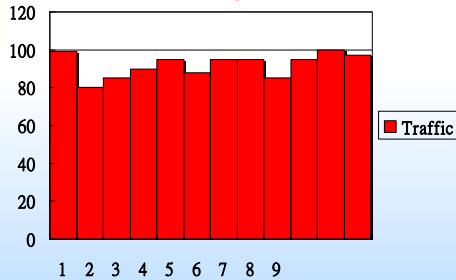
Network Traffic Overloading

UTM Content Security Gigabit Gateway
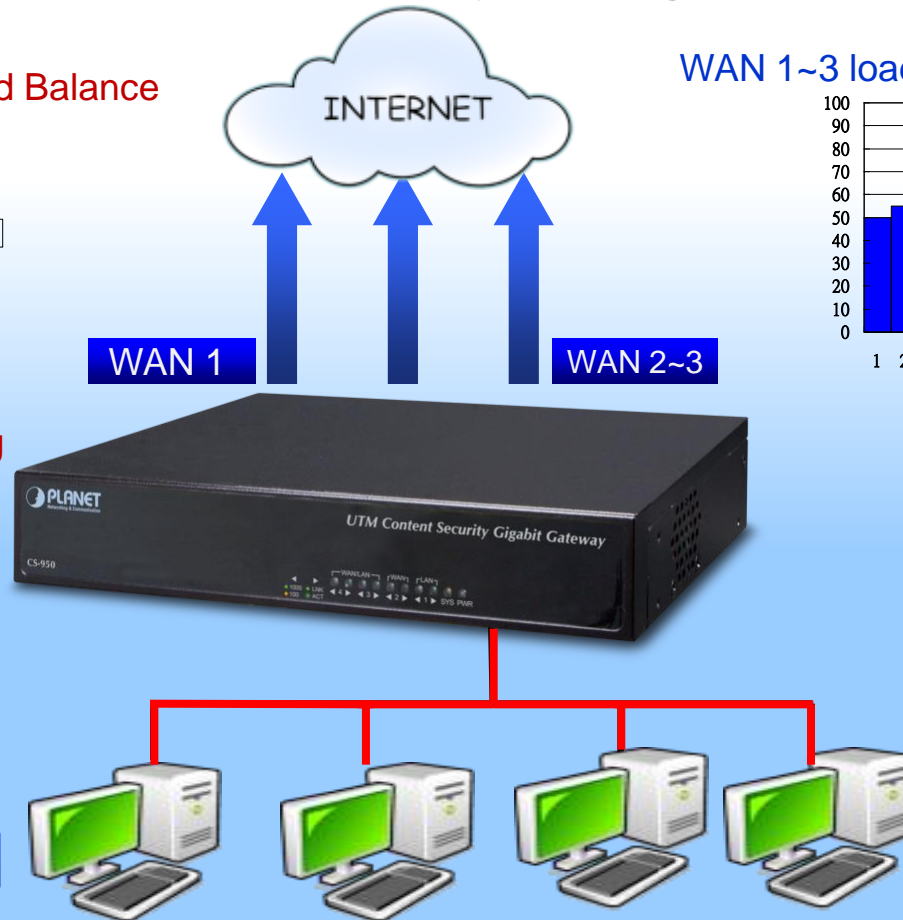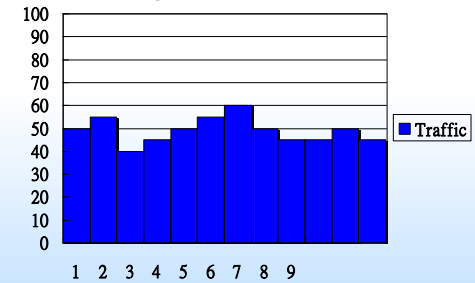
LAN Group

Product Advantages

◆ **Failover**

✓ **Failover is the constant capability to automatically and seamlessly switch to other backup WAN.**

Product Advantages

◆ **SSL VPN**

    ✓ **SSL VPNs are able to protect the confidentiality of network communications and cost less than IPsec VPNs.**

CS-950

Failover Connection

Smart QoS

VPN Tunnel
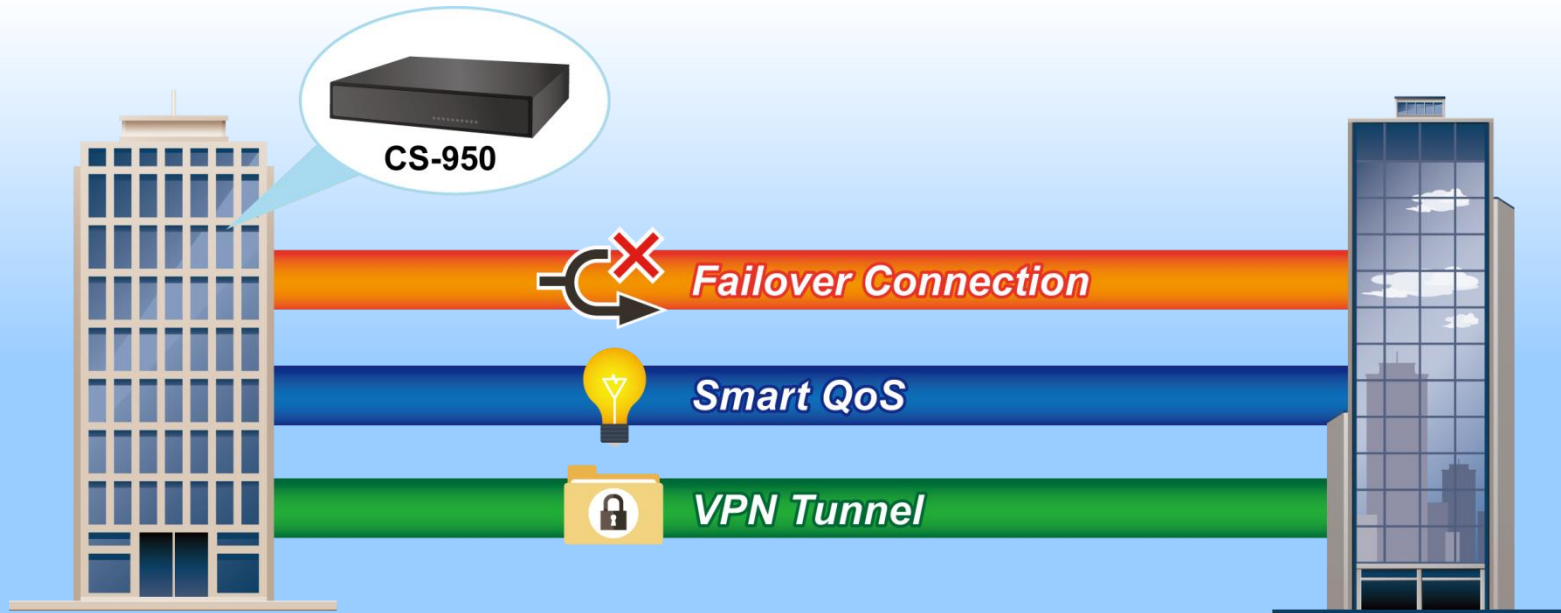
Product Features

Product Key Features

Antivirus Antispam

Firewall

Application Intelligence

AP Controller

CS-950

IDP

VPN

SNMP Switch Co-defense
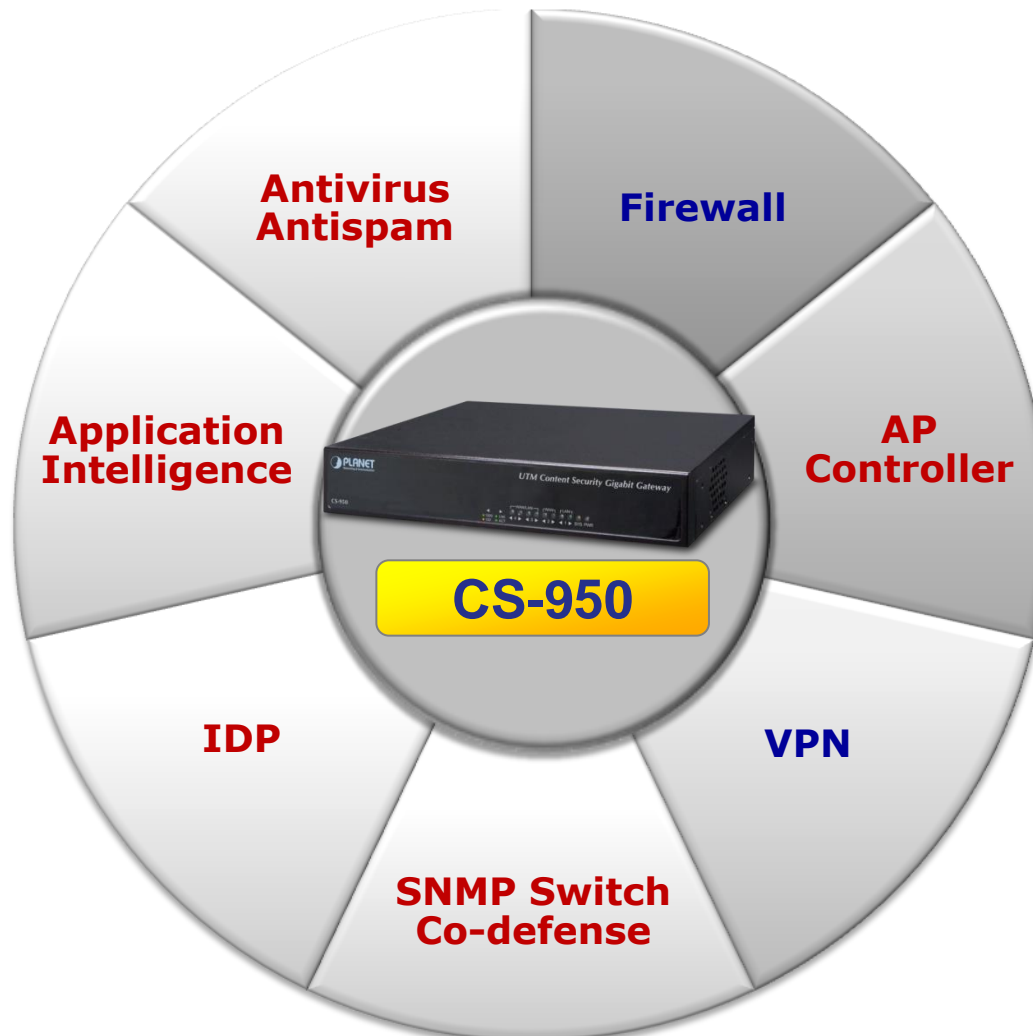
Product Features

◆ **Hardware**

- ✓ **4** **10/100/1000BASE-T RJ45 interfaces**
  - • **1 LAN port and 1 WAN port**
  - • **2 undefined Ethernet port (WAN/LAN/DMZ)**
- ✓ **1 Console port**
- ✓ **2 USB 2.0 ports for system configuration backup and recovery**
- ✓ **12V DC jack**
- ✓ **Hardware reset button**
- ✓ **Desktop/Rack mount**

Product Features

◆ **High System Performance**

- ✓ **Max. Firewall Throughput: 1800Mbps**
- ✓ **Max. Connections: 1,200,000**
- ✓ **Max. VPN Throughput: 90Mbps**

◆ **Firewall Security**

- ✓ **SPI (Stateful Packet Inspection) firewall**
- ✓ **Blocking DoS/DDOS attack**
- ✓ **Internal firewall**
- ✓ **IP address block**
- ✓ **Anti-ARP spoofing**

Product Features

◆ **Mail Security**

    ✓ **Antivirus** base on auto-update antivirus engine

    ✓ Built-in multiple **antispam** algorithms, auto learning, and personal blacklist/whitelist

    ✓ Mail log

◆ **Advance Security**

    ✓ **IDP** (Intrusion Detection and Prevention)

    ✓ **User Authentication**

    ✓ Switch co-defense

    ✓ Anomalous IP traffic analysis

Product Features

◆ **Content Filtering**

- ✓ **Block website by URL, IP, Domain or FQDN**

- ✓ **Application control (BT, WhatsAPP, and more)**

- ✓ **User defined Blacklist and Whitelist.**

◆ **VPN**

- ✓ **Supports IPSec, PPTP server and client, L2TP, SSL**

- ✓ **Max. Connection Tunnel Entries: 500 IPSec VPN tunnels, 200 PPTP VPN tunnels, 200 L2TP VPN tunnels or 50 SSL VPN tunnels**

- ✓ **Encryption methods: DES, 3DES, AES, AES-128/192/256**

- ✓ **Authentication methods: MD5, SHA-1, SHA-256, SHA-512**

- ✓ **Failover**

Product Features

- ◆ **Network**

  - ✓ **Outbound load balance**

  - ✓ **Failover for WAN**

  - ✓ **IPv4/IPv6**

  - ✓ **Planet DDNS/Planet EasyDDNS**

  - ✓ **SNMP/VLAN/Radius**

- ◆ **QoS**

  - ✓ **Smart QoS**

  - ✓ **Guaranteed bandwidth**

  - ✓ **Maximum bandwidth**

  - ✓ **Priority**

  - ✓ **Policy mode**

Product Features

◆ **Others**

- ✓ **AP Management**

- ✓ **CMS (Central Management System)**

- ✓ **High Availability mode**

- ✓ **System/network flow/traffic ranking graphical reports**

- ✓ **Watch-Dog**

- ✓ **Support USB backup & restore configuration**

Applications

Applications

◆ **UTM Content Security Gateway Installation**

✓ **With VPN solutions, the CS-950 provides secured data communication for branches, vendors, and mobile workers with a flexible way to connect back to the headquarters.**
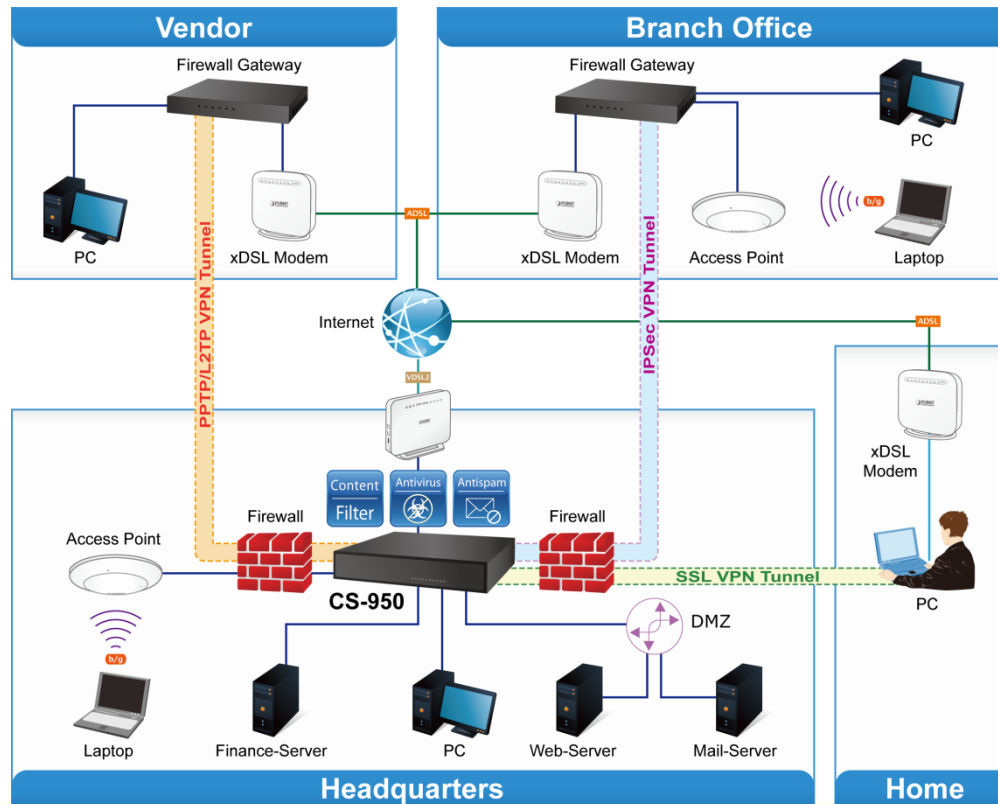
Comparison Table

Comparison Table

Model	CS-950	MH-2300
Product Photo		
Hardware		
Network Port	4 x 10/100/1000BASE-T RJ45	5 x 10/100/1000BASE-T RJ45
Console Port	Yes	-
USB Port	2	-
System		
Max. Concurrent Session	1,200,000	25,000
Max. Firewall Throughput	1800Mbps	300Mbps
Max. VPN Throughput	90Mbps	20Mbps
Watch-Dog	Yes	Yes
Central Management System	Yes	-
HA (High Availability) mode	Yes	-
AP Management	Yes	-

Comparison Table

Model	CS-950	MH-2300
Product Photo		
Security		
Antivirus	Yes	-
Antispam	Yes	-
IDP (Intrusion Detection and Prevention)	Yes	-
SPI Firewall	Yes	Yes
Internal Firewall	Yes	Yes
Anti-ARP Spoofing	Yes	Yes
Authentication	Yes	Yes
Content Filtering	Yes	Yes
Application Control	Yes	Yes
FQDN	Yes	Yes

Comparison Table

Model	CS-950	MH-2300
Product Photo		
Network		
VLAN	**Yes**	-
QoS	Yes	Yes
IPv4 / IPv6	Yes	Yes
Outbound Load Balancing	Yes	Yes
Failover for WAN	Yes	Yes
Planet DDNS / Planet EasyDDNS	Yes	Yes
SNMP	Yes	Yes
Quota	Yes	Yes
Radius	Yes	Yes
Virtual Server	Yes	Yes
NTP	Yes	Yes

Comparison Table

Model	CS-950	MH-2300
Product Photo		
VPN		
VPN Function	IPSec, PPTP server and client, SSL, L2TP	IPSec, PPTP server and client
IPSec VPN Tunnels (Max.)	500	25
PPTP VPN Tunnels (Max.)	200	25
SSL VPN Tunnels (Max.)	50	-
L2TP VPN Tunnels (Max.)	200	-
Encryption methods	DES, 3DES, AES, AES-128/192/256	DES, 3DES, AES
Authentication methods	MD5, SHA-1, SHA-256, SHA-512	SHA-1, MD5

Appendix

Appendix Sales Targets

◆ **Target Markets**

- ✓ **SMB office**
- ✓ **Reseller**
- ✓ **SOHO**

◆ **Recommended Solutions**

- ✓ **CS-2001, MH-2300**
- ✓ **WDAP-702AC, WBS-200N**

Appendix

◆ **Related VPN Firewall Products:**

Model Name	Description
MH-2300	**Gigabit Multi-Homing VPN Security Gateway**

◆ **Related Layer 3 Switch Products:**

Model Name	Description
XGS3-24042	**Layer 3 24-Port 10/100/1000T + 4-Port 10G SFP+ Stackable Managed Switch**
XGS3-24242	**Layer 3 24-Port 100/1000X SFP + 16-Port shared TP + 4-Port 10G SFP+ Stackable Managed Switch**

Appendix

◆ **Related Wireless AP Products:**

Model Name		Description
WDAP-702AC		**1200Mbps Dual Band 802.11ac Outdoor Wireless AP**
WBS-200N		**300Mbps 802.11n Outdoor Wireless CPE**
WBS-502AC*		**900Mbps 802.11ac Outdoor Wireless CPE**
WAP-200N*		**300Mbps 802.11n Outdoor Wireless AP**
WAP-500N*		**300Mbps 802.11n Outdoor Wireless AP**
WBS-500N*		**300Mbps 802.11n Outdoor Wireless CPE**

*CS-950 will support in the future

Activating IP Power