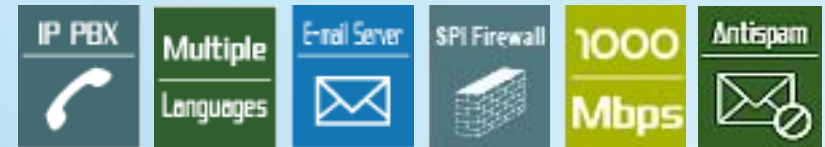


Unified Office Gateway

UMG-1000



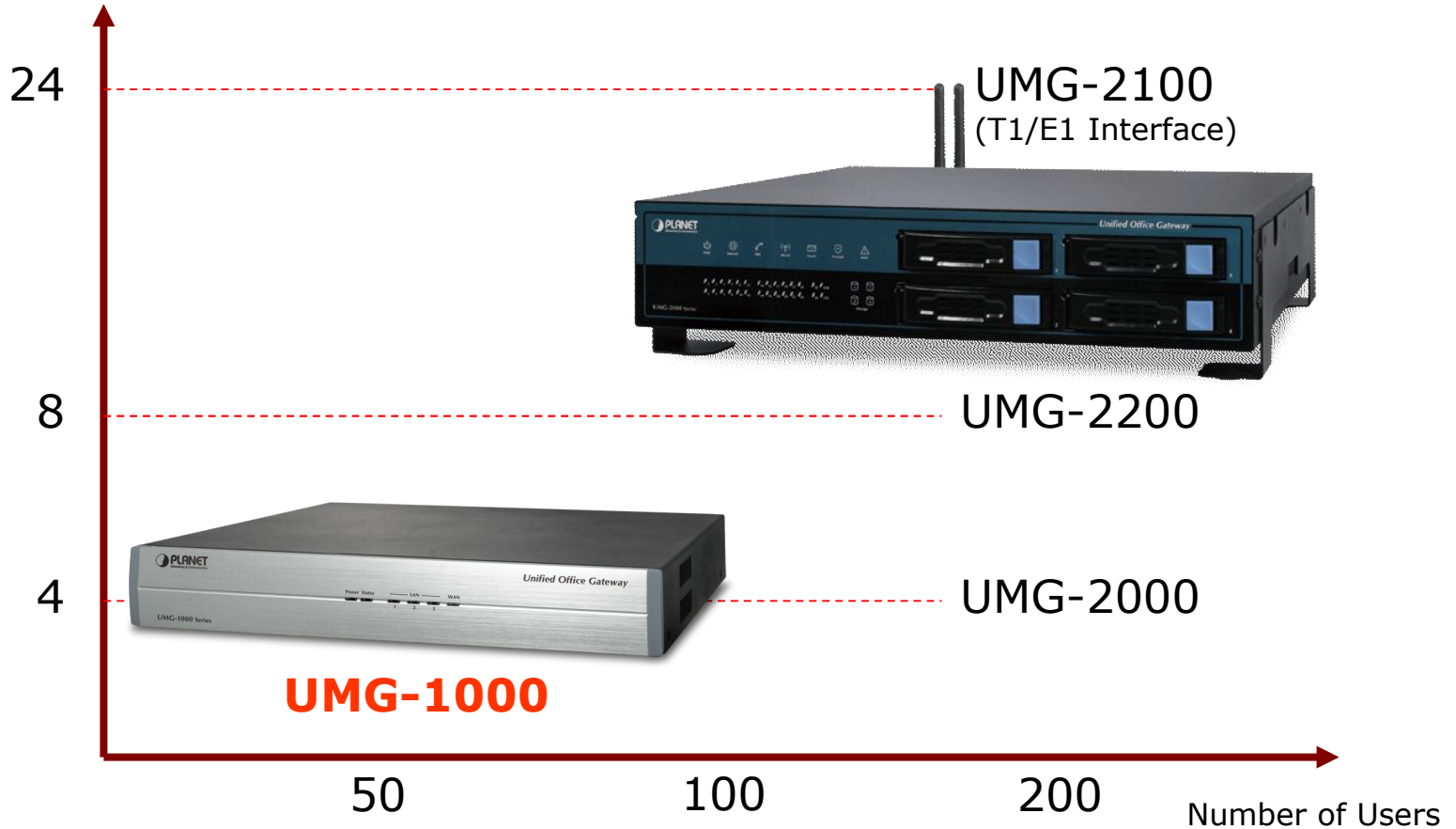
Presentation Outline

- ◆ **Product Overview**
- ◆ **Product Features**
- ◆ **Application**
- ◆ **Management**
- ◆ **Comparison**



Product Positioning

Number of External Voice Port



Product Overview

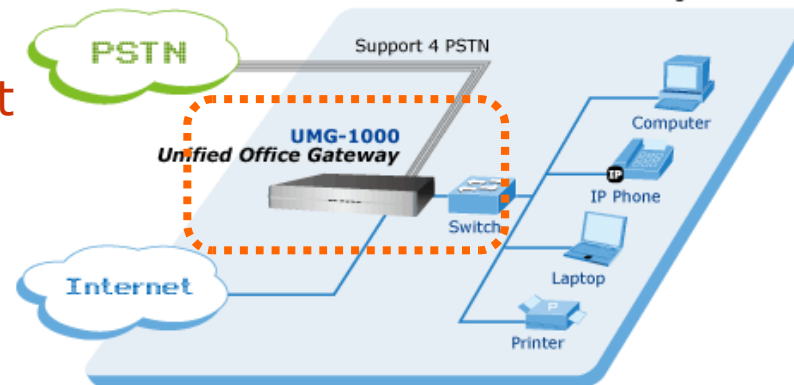
◆ Why we need Unified Office Gateway in the office?

Benefits:

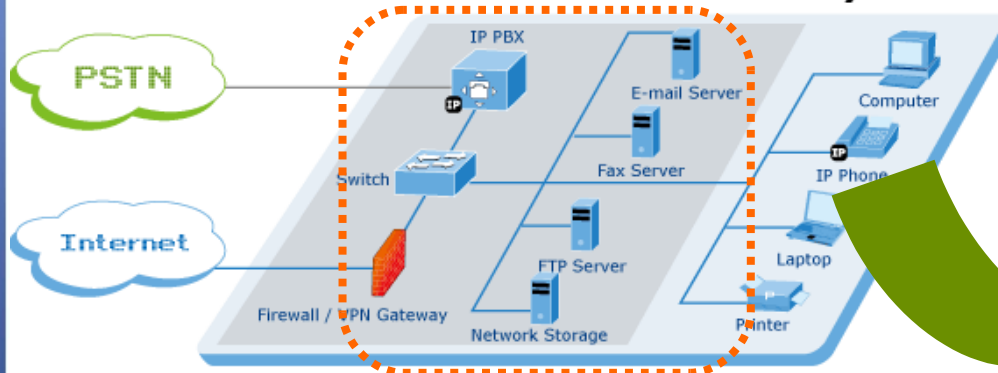
- Single Point of Management
- Cost Saving

All in One

New Office System

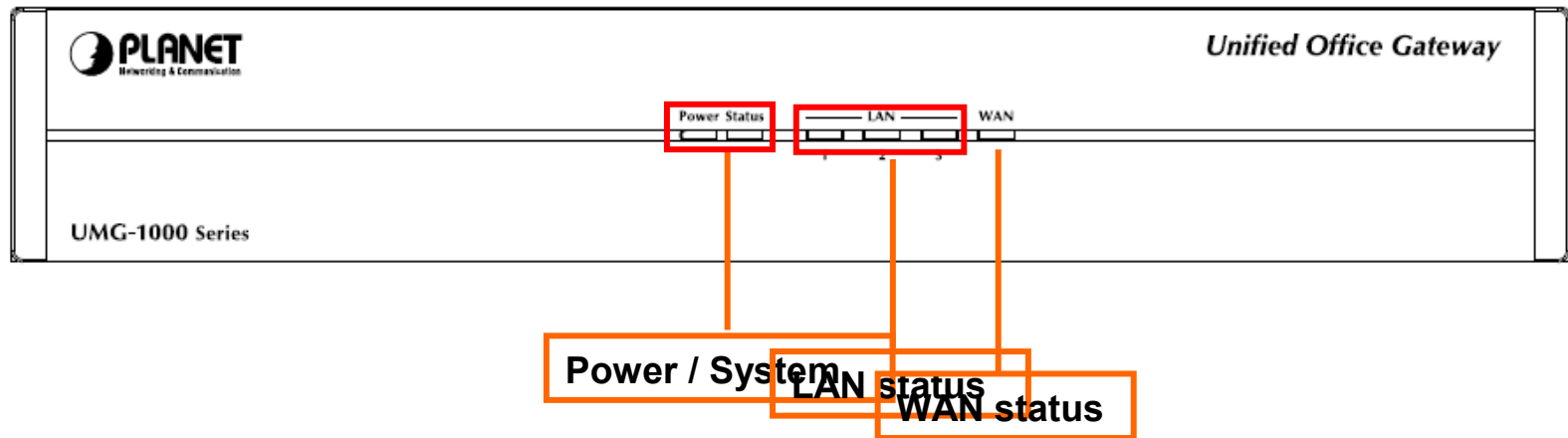


Traditional Office System



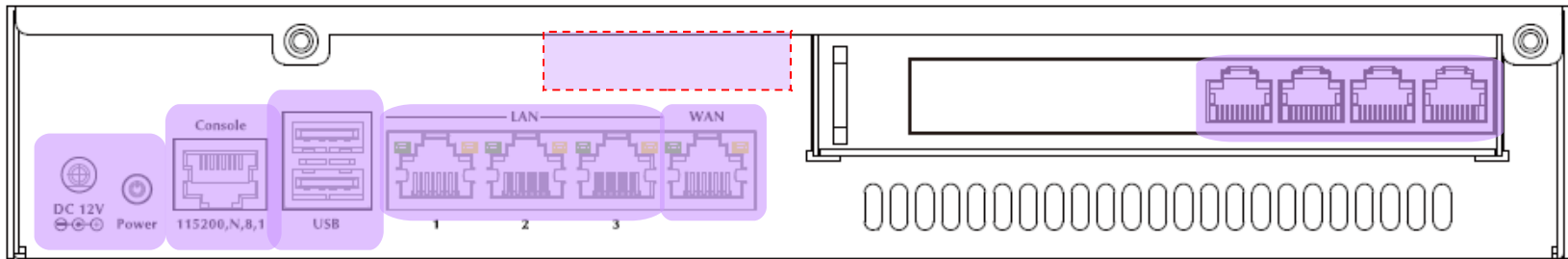
Product Overview

◆ Front Panel



Product Overview

◆ Rear Panel



✓ **DC_IN + Power Switch**

✓ **RJ-45 to RS-232**

Console Port

✓ **2 x USB 2.0**
(Future feature)

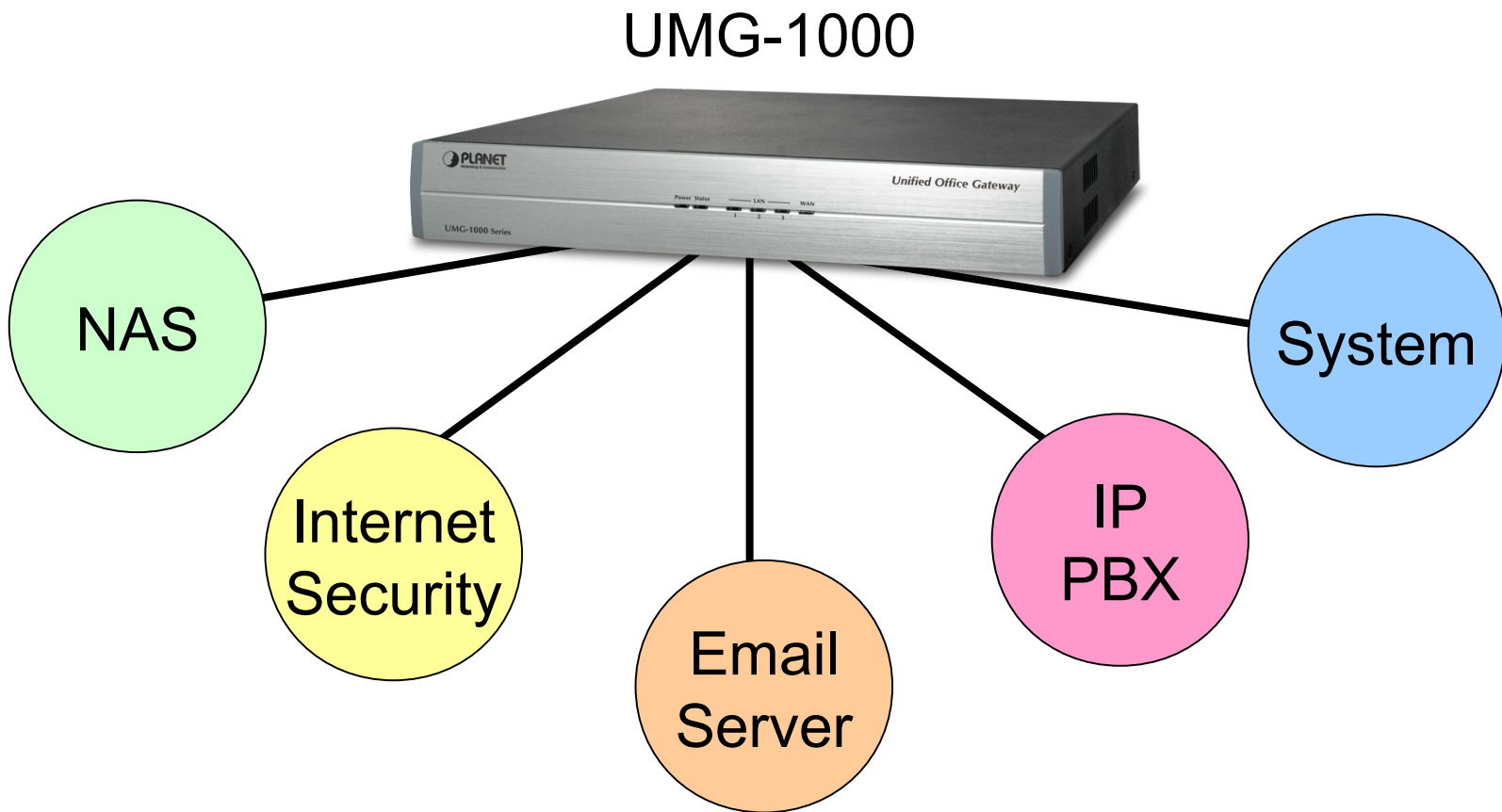
✓ **3 x 1000Mbps LAN Ports**

✓ **1 x 1000Mbps WAN Port**

✓ **4 x FXO Ports**

✓ **1 x Internal 2.5" SATA II Interface**

Product Features



Product Features

◆ System Management

- ✓ **Single Point of Management**
- ✓ **System Logging with E-mail Alert**
- ✓ **Environment Monitoring**
- ✓ **System shutdown option to terminate all services**
- ✓ **Dynamic Domain Name Service (DDNS)**
- ✓ **Multiple Domain Name**
- ✓ **Multiple Host Name**



Product Features

◆ IP PBX / VoIP Service

- ✓ SIP 2.0 (RFC3261), PSTN Support
- ✓ **Up to 100 registrations**
- ✓ Call-Parking, Echo Cancellation
- ✓ FXO Disconnection Tone Detection
- ✓ **Built-in QoS**
- ✓ **Telephone Conference, 3-Way Calling**
- ✓ Voicemail to E-mail, Forwards to Voicemail on No-Answer
- ✓ Supports Call Hold, Call Waiting, Music on Hold (MoH), **User MoH upload**
- ✓ Blacklist of Number Patterns
- ✓ Call Privilege Control, Call Log
- ✓ 450 Minutes Recording Time
- ✓ Unconditional, Unavailable, Busy Call Forward
- ✓ **Fax Server Support**
- ✓ **Multiple SIP Trunk**



System



IP
PBX



Email
Server



Internet
Security



NAS

Product Features

◆ E-mail Service

- ✓ Supports POP3, SMTP, IMAP
- ✓ **Secured Socket Layer (SSL)**
- ✓ Junk Mail Filtering
- ✓ E-mail Alias Group Assignment
- ✓ Mail Attachment Size Restriction
- ✓ User E-mail Storage Quota
- ✓ E-mail Log Record Management
- ✓ **Anti-Virus and Anti-Spam**
- ✓ Auto Backup, Auto Reply
- ✓ E-mail **White** and Black list Based on Domain
- ✓ Name, User Name, and E-mail Address
- ✓ **Supports Web Mail**



System



IP
PBX



Email
Server



Internet
Security



NAS

Product Features

◆ Internet Security Service

- ✓ **Static IP, PPPoE, DHCP, PPTP, L2TP**
- ✓ **Web Content Filter by Domain and Keyword**
- ✓ **Access Control List (ACL)**
- ✓ **URL / IM / P2P Blocking**
- ✓ **Firewall / NAT**
- ✓ **IPSec / PPTP / L2TP Pass-through**
- ✓ **DoS Attack Protection**
(TCP SYN Flood, UDP Flood, ICMP Flood, Ping of Death)
- ✓ **UPnP and DMZ**
- ✓ **Site-to-Site SSL VPN**
- ✓ **PPTP VPN Remote Access**
- ✓ **RIP & Static Route**
- ✓ **IP / MAC Binding**

System

IP
PBX

Email
Server

Internet
Security

NAS

Product Features

◆ Network Storage Service

- ✓ **Up to 1.5TB Internal Hard Disk**
- ✓ **Supports User Network Storage Quota**
- ✓ **Compatible Windows 2000/XP/Vista, Win7, Mac, Linux**
- ✓ **Scheduled Auto Backup, Auto Snapshot**
- ✓ **Support User/Group Privilege ACL**
- ✓ **FTP Server**
- ✓ **Windows Network Sharing and NFSv3**



System



IP
PBX



Email
Server



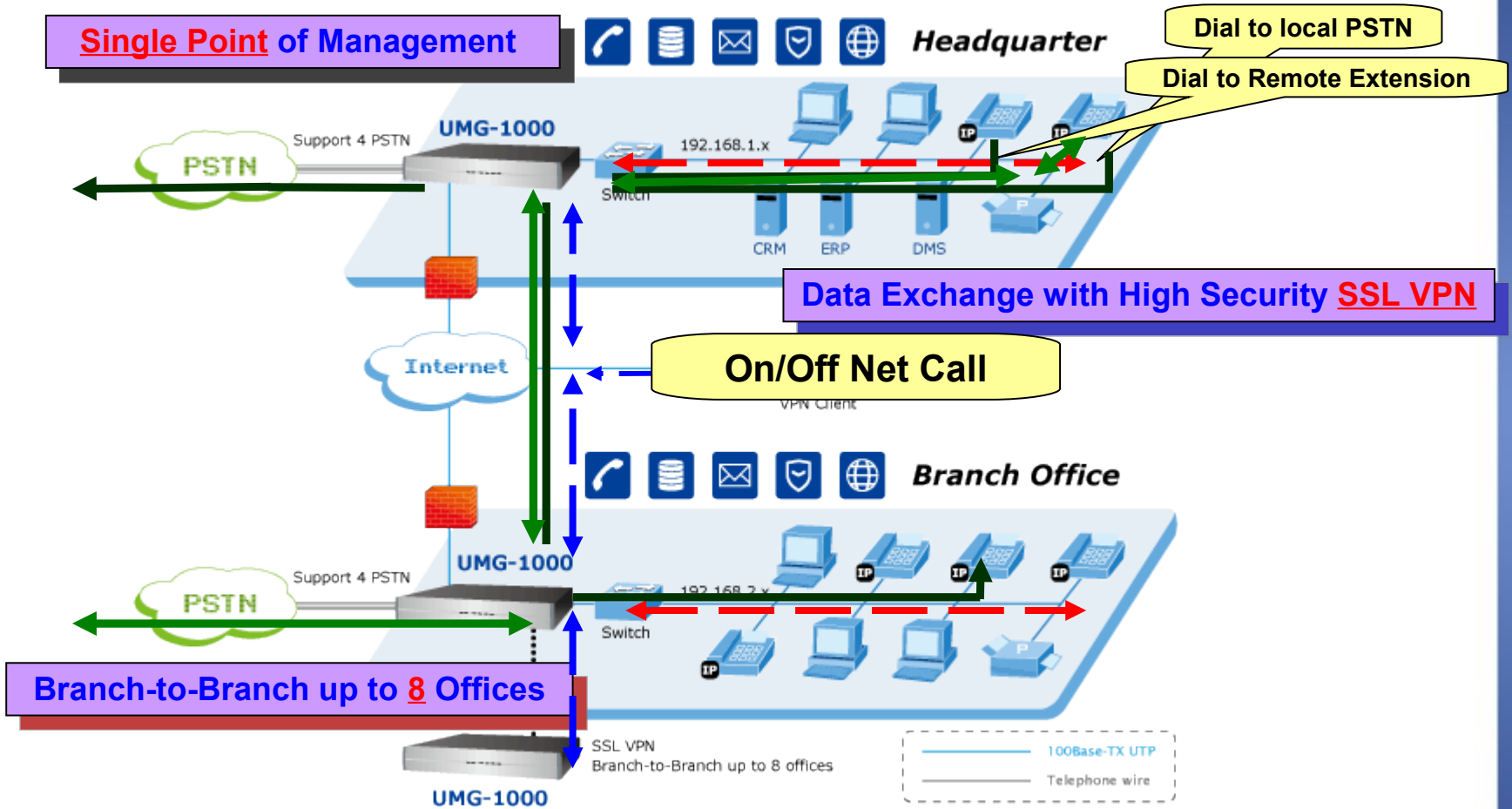
Internet
Security



NAS

Product Application

◆ Office Data and Voice Communication



Management - Admin

◆ Administrator GUI Management

Welcome: admin

Company: PLANET Location: Taipei

Main Function:

1. Home
2. User
3. Network
4. Wireless AP (no use)
5. RAID Storage
6. PBX VoIP
7. Email Server
8. FTP Server
9. WEB Server
9. Network Security
10. Branch-to-Branch
11. System
12. Maintenance

Settings Contents

Service	Status	Icon	State
IP	Enabled	🔧	Up
-AP	Disabled	🔧	Down
erver	Enabled	🔧	Up
	Enabled	🔧	Up
t Storage	Enabled	🔧	Up
PN	Enabled	🔧	Up
DynDns)	Disabled	🔧	Down
er	Enabled	🔧	Up
erver	Enabled	🔧	Up
erver	Enabled	🔧	Up
	Enabled	🔧	Normal

Management - User

◆ Account GUI Management

PLANET Networking & Communication
Welcome: admin
Unified Office Gateway
Company: PLANET Location: TAIPEI

My Account
My Settings
Contact List
Call Records
Call Reference
Admin

Main Function:

1. My Account
2. My Setting
3. Contact List
4. Call Records
5. Call Reference

Setting Contents

Account Information

Username admin Department admin
 Account Status Active



PPTP VPN Disabled

Storage Used N/A



Do Not Disturb Disabled
 Forward All Calls to N/A
 Personal Greeting Disabled
 Send Voicemail to Email Disabled
 Registration State N/A

Access Point(AP) Disabled Authentication Type Open System
 Hide SSID Disabled Link Speed 11/54Mbps
 Network Name(SSID) UMG_WIFI Data Encryption None
 Wireless Mode 802.11b/g
 Wireless Region USA
 Channel 1

Product Comparison - PBX

Item \ Model	UMG-1000 	IPX-300 
Hardware Features		
WAN ports (RJ-45)	1 RJ-45 (10/100/1000Base-TX, Auto-Sensing)	1 RJ-45 (10/100Base-TX, Auto-Sensing)
LAN ports (RJ-45)	3 RJ-45 (10/100/1000Base-TX, Auto-Sensing)	1 RJ-45 (10/100Base-TX, Auto-Sensing)
Line ports (RJ-11)	4 x FXO	-
Max. Registration	Max. 100 nodes	Max. 100 nodes
Max. Concurrent calls	Max. 30 concurrent calls	Max. 30 concurrent calls
Protocol	SIP 2.0 (RFC3261)	SIP 2.0 (RFC3261)
Audio CODEC	G.711, G.726	G.711, G.723, G.726, G.729
Video CODEC	H.261, H.263, H.263+, H.264	-
Call Status	V	V
Call Transfer/ Hold	V	V
Call Forward (Always/ Busy/ No Answer)	V	V
Call Pick up/ Park	V	V

Product Comparison - UMG

Item \ Model	UMG-1000 	UMG-2000 
Hardware Features		
Chipset	ATOM 410 1.66G + Intel ICH8M + Intel 82574 + Yeastar TDM400	BM 440GX + Broadcom BCM5324M + Marvell 88SX5040 + Yeastar TDM400 WCTDM + Ralink RT3062
RAM	1GB	1GB
Flash / CF Card	1GB	128MB
HDD	Up to 1.5TB (Internal SATA Disk)	Up to 4TB (Hot-Swappable SATA Disk)
WAN port	1 x 10/100/1000	1 x 10/100
LAN port	3 x 10/100/1000	24 x 10/100 + 2 x 10/100/1000
RJ-11 port	4 x FXO	4 x FXO
Wi-Fi	- (Future Feature)	802.11b/g/n
USB	2 x USB 2.0	2 x USB 2.0

Remark: POE can co-work with POE-400 for 4 PD (powered device) or POE-1200/POE-2400 for 12/24 PD devices for more flexibility.

Product Comparison - Internal

Software Features		
IP PBX / VoIP		
Standard	SIP 2.0	SIP 2.0
Registration	100	250
Concurrent Call	30	50
Voice Compression	G.711u/a-Law, G.726	
Video Compression	H.261, H.263, H.263+, H.264	
IP PBX Feature	Call Hold / Call Waiting / 3-Way Conference / Call-Parking / Call Transfer / Call Forward / Meet-Me Conference / Auto-Attendant / Voice Mail / User upload MoH / Call privilege / User upload IVR Multiple SIP Trunk / Group-based call pick-up / Caller ID detection / BLF / LCR	
Voice Feature	Echo Cancellation / Voice Activated Detection Comfort Noise Generation / Gain Control	
Network Storage		
RAID	JBOD	RAID 0, 0/1, 5, JBOD
Data Sharing	Windows Network Sharing, NFSv3	
Internet Security		
DoS Prevention	V	V
PPTP VPN	100 tunnels	100 tunnels
SSL VPN	8 tunnels (Site-to-Site)	8 tunnels (Site-to-Site)
DMZ	V	V
Content Filter	-	V
Access Control	V	V
IP / MAC Binding	V	V

Product Comparison - Internal

Software Features		
E-mail Service		
Protocol	POP3, SMTP, IMAP	POP3, SMTP, IMAP
Web Mail System	√	√
E-mail Accounts	100	250
Anti-Virus / Anti-Spam	√	√
E-mail Security	√ (SSL)	√ (SSL)
E-mail Backup	√	√
White / Black List	√	√
L2 Switch		
Spanning Tree	-	√
IGMP Snooping	-	√
Wireless		
Access Point	- (Future Feature)	802.11b/g/n
Security	-	WEP / WPA / WPA2
SSID	-	√
802.1x Auth.	-	√
Other Features		
Static Route	√	√
SNTP / DDNS	√	√
FTP Server	√	√
Multiple Host Name	√	√

Appendix Sales Target

◆ Target Market

- ✓ **SI (System Integrator)**
- ✓ **SMB (Small and Medium Business)**
- ✓ **Bank / Campus / Government / Organization**

◆ Target Customers

- ✓ **Who buy Unified Office Gateway**
 - UMG-2000 / UMG-2100 / UMG-2200
- ✓ **Who buy PLANET Internet Security Gateway**
 - CS-1000 / CS-2000 / CS-2001 / SG-500 / SG-1000 / MH-2001
- ✓ **Who buy PLANET Internet Telephony Gateway**
 - IPX-300 / IPX-300W / IPX-1900 / IPX-2000
- ✓ **Who buy PLANET NAS**
 - NAS-7102 / NAS-7201 / NAS-7400 / NAS-7450 / NAS-7850

Appendix

◆ Related Product

✓ IP Phone

- VIP-251T / VIP-254T / VIP-254PT / VIP-254NT / VIP-255PT / VIP-356PT / VIP-560PT / VIP-560PE

✓ Analog Telephone Adapter

- ATA-150 / ATA-150S / VIP-156 / VIP-156PE / VIP-157 / VIP-157S

✓ Internet Telephony Gateway / Router

- VIP-281SW / VIP-281GS
- VIP-281 / VIP-480 / VIP-880 / VIP-1680 / VIP-2480 Series

✓ Wi-Fi Phone

- VIP-191

Case Study

- ◆ **Tom, a new employee will come to PLANET on June 6th.**
- ◆ **June 5th, MIS engineer just prepares one IP phone.**
- ◆ **June 6th, Tom gets this new phone. MIS engineer creates a new account 'tom', then Tom's Email account, PBX ext, Storage Quota, VPN access right, etc. are ready in just few seconds.**

Case Study

◆ Add User

Welcome: admin
Company: PLANET Location: TAIPEI

Overview Group Add User

User List 1/1

Username ▲	Department ▲	Email ▲	PPTP VPN ▲	Extension ▲	Call Privilege ▲	Quota ▲	Delete
alex	ENM	Enabled	Enabled	6002	Local	1 GB	<input type="radio"/>
allen	ENM	Enabled	Enabled	6001	National	2 GB	<input type="radio"/>
angie	ADM	Enabled	Disabled	6000	Operator	0 GB	<input type="radio"/>
higgins	PRE	Enabled	Disabled	6666	International	3 GB	<input type="radio"/>
james	ENM	Enabled	Enabled	6003	Local	1 GB	<input type="radio"/>
kelly	SAM	Enabled	Disabled	6005	International	2 GB	<input type="radio"/>
tom	ENM	Enabled	Enabled	6006	Local	1 GB	<input type="radio"/>
venaisha	SAM	Enabled	Disabled	6004	National	1 GB	<input type="radio"/>

Adding finished in just few seconds



ACTIVATING IP POWER