



AP100™

1-Port VoIP Gateway

High Performance VoIP Gateway Solution

Smart Web based Easy Setup



AddPac

AddPac Technology

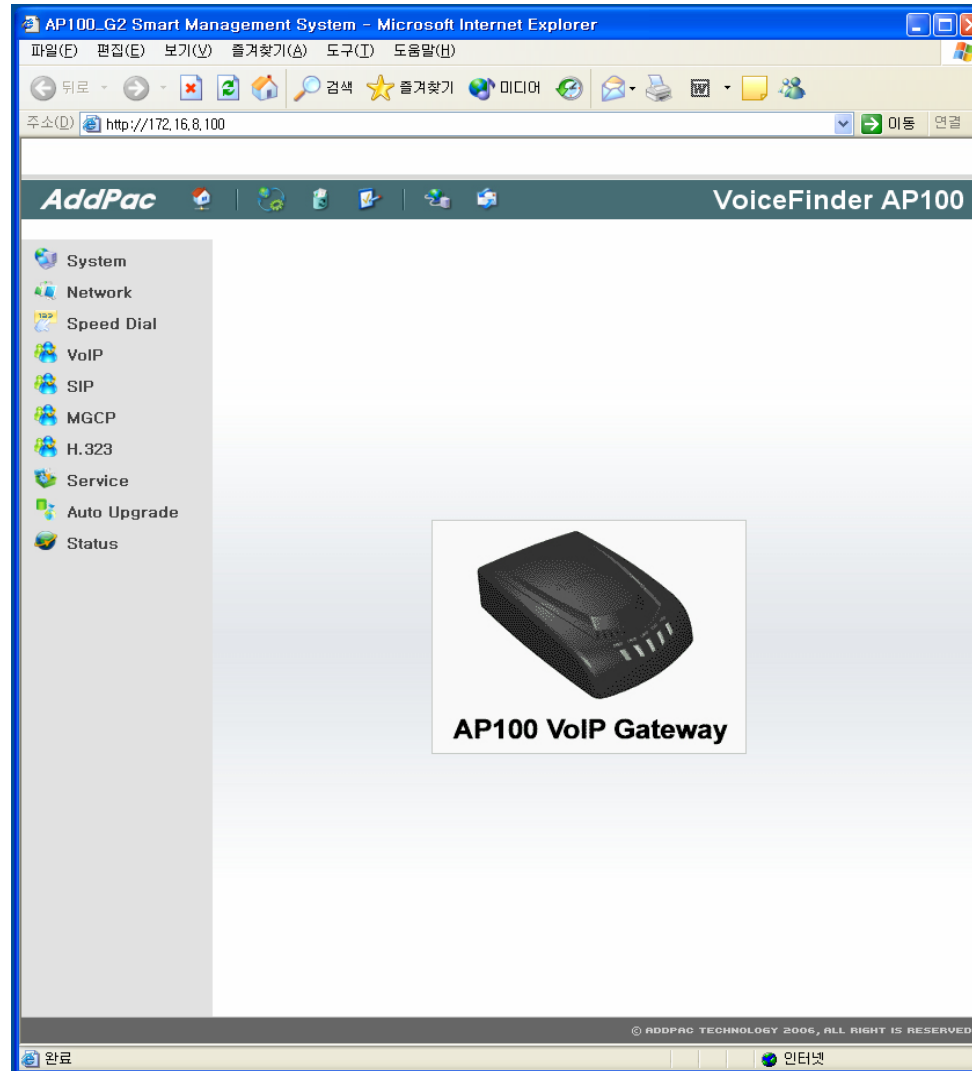
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Intro.



Network Setup

The screenshot shows the 'WAN Setup' configuration page for the AddPac VoiceFinder AP100. The interface is accessed via a Microsoft Internet Explorer browser window. The left sidebar contains a navigation menu with the following items: System, Network, Speed Dial, VoIP, SIP, MGCP, H.323, Service, Auto Upgrade, and Status. The main content area is titled 'WAN Setup' and contains three radio button options: 'Static IP' (selected), 'PPPoE (ADSL)', and 'DHCP'. The 'Static IP' section includes fields for IP Address (172.16.8.100), Network Mask (255.255.0.0), Default Router (172.16.1.1), and DNS Server (61.33.161.2). The 'PPPoE (ADSL)' section includes fields for Username, Password, Authentication (with options for none, PAP, and CHAP), and Service Name. The 'DHCP' section includes a checkbox for 'Enable Auto Renew' and a field for 'Maximum renew time'. Below these sections is a 'MAC(Hardware) Address' field with a value of 00-00-11-11-23-42 and an 'Update' button. The 'LAN Setup' section at the bottom has radio button options for 'None' (selected) and 'Bridge'. The footer of the page contains the copyright notice '© ADDPAC TECHNOLOGY 2006, ALL RIGHT IS RESERVED.' and the text '인터넷'.

AP100_G2 Smart Management System - Microsoft Internet Explorer

파일(F) 편집(E) 보기(V) 즐겨찾기(A) 도구(T) 도움말(H)

뒤로 -> -> -> 검색 * 즐겨찾기 미디어 -> -> -> 주소(주소) http://172.16.8.100/ 이동 연결 >>

AddPac VoiceFinder AP100

System
Network
Speed Dial
VoIP
SIP
MGCP
H.323
Service
Auto Upgrade
Status

WAN Setup

<input checked="" type="radio"/>	Static IP	IP Address	172.16.8.100	A.B.C.D
		Network Mask	255.255.0.0	A.B.C.D
		Default Router	172.16.1.1	A.B.C.D
		DNS Server	61.33.161.2	Primary DNS Server
				Secondary DNS Server

<input type="radio"/>	PPPoE (ADSL)	Username	
		Password	
		Authentication	<input type="radio"/> none (No Authentication) <input type="radio"/> PAP (PPP Authentication Protocol) <input type="radio"/> CHAP(Challenge Handshake Authentication Protocol)
		Service Name	

<input type="radio"/>	DHCP	<input type="checkbox"/> Enable Auto Renew
		Maximum renew time <input type="text"/> (in seconds)

MAC(Hardware) Address 00-00-11-11-23-42

LAN Setup

<input checked="" type="radio"/>	None
<input type="radio"/>	Bridge

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인터넷

VoIP Parameter Configuration

The screenshot shows the 'AP100_G2 Smart Management System' web interface in Microsoft Internet Explorer. The browser address bar shows 'http://172.16.8.100'. The page title is 'AddPac VoiceFinder AP100'. A left-hand navigation menu includes System, Network, Speed Dial, VoIP, SIP, MGCP, H.323, Service, Auto Upgrade, and Status. The 'VoIP' section is active, displaying the following configuration options:

- SIP(Session Initiation Protocol)
- MGCP(Media Gateway Control Protocol)
- H.323(ITU H.323 Protocol)

Below the protocol selection, the configuration fields are:

- Phone number: 5683848 (E.164 number)
- Preferred voice codec: g7231r63 : G723.1 Codec Type(6.3 kbps)
- g729 : G729 Codec Type(8 kbps)
- g711ulaw : G711 u-law Codec Type(64 kbps)
- g711alaw : G711 a-law Codec Type(64 kbps)

Enable Call waiting: No Yes

DTMF Relay mode: Default(Inband), via RTP(RFC2833), via Signal(out-of-band), via H.245 alphanumeric(H.323 only), Dual(both RTP & Signal)

Fax Mode: T.38 inband T.38 bypass

Fax Rate(bps): 9600 2400 4800 7200, 12000 14400 disable

An 'Update' button is located at the bottom of the configuration area. The footer of the page contains the copyright notice: '© ADDPAC TECHNOLOGY 2006, ALL RIGHT IS RESERVED.' and the URL 'http://172.16.8.100/exec/configure/voip/common'.

SIP Protocol Configuration

The screenshot shows the 'SIP' configuration page in the AddPac VoiceFinder AP100 web interface. The browser window title is 'AP100_G2 Smart Management System - Microsoft Internet Explorer' and the address bar shows 'http://172.16.8.100'. The interface includes a navigation menu on the left with options like System, Network, Speed Dial, VoIP, SIP, MGCP, H.323, Service, Auto Upgrade, and Status. The main content area is titled 'SIP' and contains the following configuration fields:

- Primary SIP Server: 172.16.2.90 (IP address or domain name)
- Secondary SIP Server: sip.addpac.com (IP address or domain name)
- SIP Username: sip.addpac.com (SIP userpart of authentication)
- SIP Password: [Redacted] (SIP password string)
- Registration: Yes No
- Local Domain name: [Empty] (SIP userpart of authentication)
- Set Username: No Yes (Use username as Phone number)
- Set Local Hostname: No Yes (Use Local hostname as Domain name)
- Use DNS SRV: No Yes
- Register Expiration: 60 (in seconds, default 60, between 10 to 86400)
- Local SIP port: 5060 (default 5060, between 1 to 65535)
- Min-SE: 1800 (in seconds, default 1800, between 10 to 86400)
- Session Expiration: 1800 (in seconds, default 1800, between 10 to 86400)

An 'Update' button is located at the bottom of the configuration section. The footer of the page reads '© ADDPAC TECHNOLOGY 2006, ALL RIGHT IS RESERVED.' and the browser status bar shows '완료' and '인터넷'.

H.323 Protocol Configuration

The screenshot shows the 'H.323' configuration page in the AddPac VoiceFinder AP100 web interface. The browser window title is 'API00_G2 Smart Management System - Microsoft Internet Explorer' and the address bar shows 'http://172.16.8.100'. The page has a navigation menu on the left with options like System, Network, Speed Dial, VoIP, SIP, MGCP, H.323, Service, Auto Upgrade, and Status. The main content area is titled 'H.323' and contains the following configuration fields:

Primary Gatekeeper	<input type="text" value="gk1.addpac.com"/>	(IP address or domain name)
Secondary Gatekeeper	<input type="text" value="gk2.addpac.com"/>	(IP address or domain name)
H.323 ID	<input type="text" value="voip.172.16.8.100"/>	(H.323 Identifier string)
H.323 Password	<input type="password" value="....."/>	(H.323 password string)
H.323 Technical Prefix	<input type="text"/>	([0-9#*] gatekeeper registered prefix)
Registration	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Local H.323 port	<input type="text" value="1720"/>	(default 1720, between 1 to 65535)
H.323 RAS port	<input type="text" value="22000"/>	(fixed the RAS source port, between 1 to 65535)
Register Expiration	<input type="text" value="60"/>	(in seconds, default 60, between 10 to 86400)
H.323 Call start mode	<input checked="" type="radio"/> Fast <input type="radio"/> Slow <input type="radio"/> Preferred slow	
H.323 Tunnel mode	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	
Keep Registration	<input checked="" type="radio"/> No <input type="radio"/> Yes (Keep Registration on rejected gakekeeper)	

At the bottom of the configuration area is an 'Update' button. The footer of the page contains the copyright notice: '© ADDPAC TECHNOLOGY 2006, ALL RIGHT IS RESERVED.' and the Korean text '완료' and '인터넷'.

MGCP Protocol Configuration

The screenshot shows the 'MGCP' configuration page of the 'VoiceFinder AP100' system. The browser window title is 'AP100_G2 Smart Management System - Microsoft Internet Explorer'. The address bar shows 'http://172.16.8.100'. The page has a navigation menu on the left with options: System, Network, Speed Dial, VoIP, SIP, MGCP (selected), H.323, Service, Auto Upgrade, and Status. The main content area is titled 'MGCP' and contains the following configuration fields:

- Endpoint Local name: 0 / 0 / (default 0/0, set local name of endpoint)
- Endpoint Domain name: AP100 (IP address or domain name)
- Primary Call agent: mgcp.addpac.com (IP address or domain name)
- Secondary Call agent: mcgp2.addpac.com (IP address or domain name)
- MGCP Enable: Yes No
- Restart Delay: 0 (default 0, between 0 to 20)
- Local Lingback tone play: No Yes (if "Yes", it forced to play local ringback tone)
- DTMF Relay mode: Default(Inband), via RTP(RFC2833), via Signal(out-of-band), Dual(both RTP & Signal)

An 'Update' button is located at the bottom of the configuration area. The footer of the page contains the text '© ADDPAC TECHNOLOGY 2006, ALL RIGHT IS RESERVED.' and a small '인터넷' icon.

System Information

The screenshot shows a web browser window displaying the 'System Information' page of the AddPac VoiceFinder AP100. The browser title is 'AP100_G2 Smart Management System - Microsoft Internet Explorer'. The address bar shows 'http://172.16.8.100'. The page header includes the 'AddPac' logo and 'VoiceFinder AP100'. A left sidebar contains navigation links: System, Network, Speed Dial, VoIP, SIP, MGCP, H.323, Service, Auto Upgrade, and Status. The main content area is titled 'System Information' and contains the following text:

APOS(tm) Kernel version 8.26p1
Copyright (c) 1999-2006 AddPac Technology Co., Ltd.

AP100 uptime is 0 days 02:24:34
AP100 current time is Fri Jan 27 14:14:07 2006
System Image file is "flash:/ap100_g2.bin"

AP100_G2 System software Revision 8.26p1
Released at Mon Nov 28 14:10:00 2005
Program is 1847104 bytes, checksum is 0xec8e403

32BIT RISC Processor With 125MHz Clock
16 Mbytes System Memory.
512 Kbytes System Boot Flash Memory
4 Mbytes System Flash Memory
Real-Time Clock Device with EEPROM

1 RS232 Serial Console Interface
2 Ethernet/IEEE 802.3 Interface (100BaseTX)
Board Rev 1, Hardware Type 0

Maximum number of mbufs is 384, 319 mbuf is free.
System CPU utilize is 11 percent.
Heap Memory is 16384 kbytes, 14569 kbytes is used, free is 1815 kbytes.

Below the system information is a section titled 'Configure Username' with a table:

Username	Password	Access Level	Control
root	*****	administrator	<input type="button" value="delete"/>
guest	none	user	<input type="button" value="delete"/>
yslee	*****	operator	<input type="button" value="delete"/>
addpac	*****	operator	<input type="button" value="delete"/>

At the bottom of the page, there is a copyright notice: '© ADDPAC TECHNOLOGY 2006, ALL RIGHT IS RESERVED.' and a '완료' (Done) button.

Application Service Configuration

The screenshot shows a web browser window titled "AP100_G2 Smart Management System - Microsoft Internet Explorer". The address bar shows "http://172.16.8.100". The page header includes the "AddPac" logo and "VoiceFinder AP100". A left sidebar contains navigation links: System, Network, Speed Dial, VoIP, SIP, MGCP, H.323, Service, Auto Upgrade, and Status. The main content area is titled "Application Service" and contains the following configuration options:

- Enable Telnet Server Port (default 23, 1-65535)
- Enable HTTP Server Port (default 80, 1-65535)
- Enable FTP Server Port (default 21, 1-65535)
- Enable SNMP Server Port (default 161, 1-65535)
- Enable Syslog
 - Log Server Primary Log Server address and Port (default 514)
 - Log Server Secondary Log Server address and Port (default 514)
 - Log Level
- Enable NTP
 - NTP Server Primary NTP Server address and Port
 - NTP Server Secondary NTP Server address and Port
 - TIME Zone Primary NTP Server address and Port
 - Interval NTP time resynchronize interval, in hour, default 24 hours
- Enable STUN
 - STUN Server STUN Server address and Port (default 3478)

An "Update" button is located at the bottom of the configuration area. The footer of the page contains the copyright notice: "© ADDPAC TECHNOLOGY 2006, ALL RIGHT IS RESERVED." and the text "완료" (Completed) and "인터넷" (Internet).

Auto Upgrade Configuration

The screenshot shows a web browser window titled "AP100_G2 Smart Management System - Microsoft Internet Explorer". The address bar shows "http://172.16.8.100". The page header includes the "AddPac" logo and "VoiceFinder AP100". A left sidebar contains a menu with items: System, Network, Speed Dial, VoIP, SIP, MGCP, H.323, Service, Auto Upgrade, and Status. The main content area is titled "Auto Upgrade" and contains the following configuration fields:

- URL: (auto upgrade server URL)
- Login: (optional)
- Password: (optional)
- Server Port: (HTTP server port, default 80)
- Interval:
 - Success: Days Minutes
 - Retry: Minutes
- Auto Reboot: (reboot system when upgrade is finished)

At the bottom of the form is an "Update" button. The footer of the page contains the copyright notice "© ADDPAC TECHNOLOGY 2006, ALL RIGHT IS RESERVED." and a "완료" (Done) button.