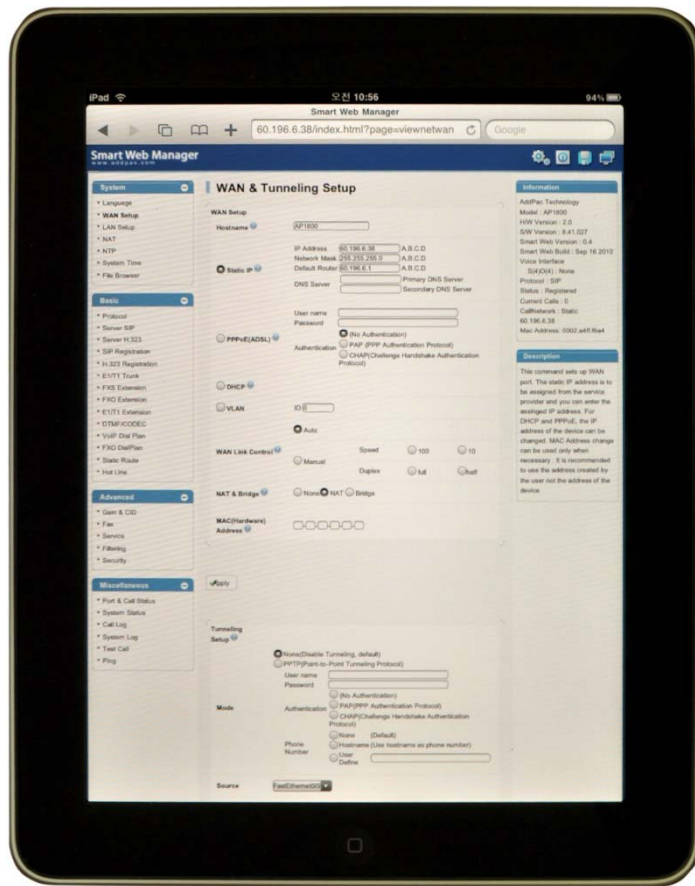


# Smart Web Manager for VoIP Gateway Series



## AddPac

AddPac Technology

Sales and Marketing

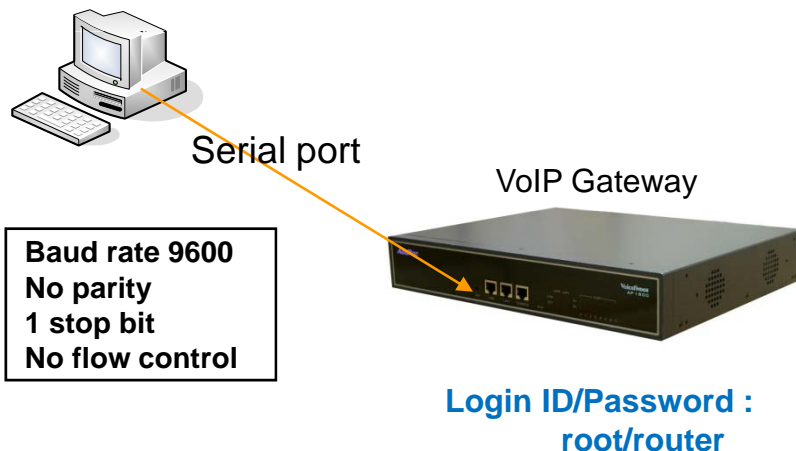
[www.addpac.com](http://www.addpac.com)

# Contents

- Web Connection
- Main Page Layout
- System Configuration
  - Language, WAN Setup, LAN Setup, NAT, NTP, System Time, File Browser
- Basic Configuration
  - Protocol : SIP Server , H.323 Server
  - Analog Port : FXS Extension, FXO Extension, FXO Dial Plan, Hot Line
  - Digital Port : E1/T1 Trunk, E1/T1 Extension
  - VoIP : DTMF/CODEC, VoIP Dial Plan, Static Route
- Advanced Configuration
  - Gain/CID, FAX, Service, Filtering, Security
- Miscellaneous Configuration
  - Port & Call Status, System Status
  - Call Log, System Log, Test Call, Ping

# Web Connection

## IP Address Configuration via RS232C Console Port



1. Connect to VoIP Gateway via console port to enter IP address in order to set Interface 0/0
2. Input IP address of interface 0/0 using below command
3. Connect to the IP address via web after saving

```
Router> enable
Router# configure terminal
Router(config)# interface FastEthernet 0/0
Router(config-if)# ip address <IP Address> <Subnet Mask>
Router(config-if)# exit
Router(config)# ip route 0.0.0.0 0.0.0.0 <Default Gateway>
Router(config)# write
Proceed with write? [confirm]
```

=> Enter the enable mode  
=> Enter the configuration mode  
=> Ex) ip address 172.17.109.1 255.255.0.0  
=> Ex) ip route 0.0.0.0 0.0.0.0 172.17.1.1  
=> saving

# Web Connection

## Web Connection via LAN 1 Port



1. It is the way to connect to VoIP Gateway via LAN 1 port
2. The factory default of LAN 1 port
  - IP Address : 192.168.10.1
  - Subnet mask : 255.255.255.0
3. After set PC with same IP address subnet, connect to VoIP Gateway
  - Connect PC to VoIP Gateway using Cross UTP-Cable. You may use Ethernet switch with normal UTP-cable
  - Enter IP address 192.168.10.1 on your web browser

# WEB Connection

Connect to VoIP Gateway

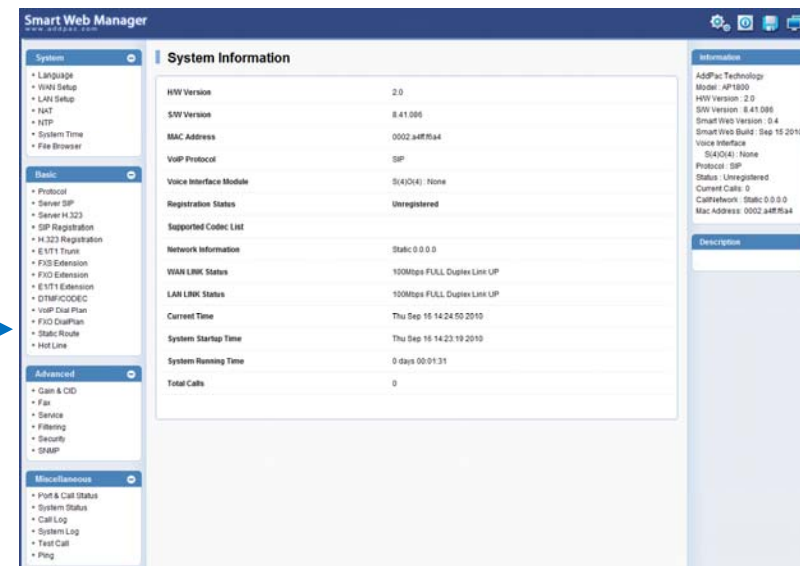


A screenshot of the 'Connect to 192.168.10.1' dialog box. The dialog has a blue header with a question mark and a close button. Below the header is a yellow background with a key icon. The text 'AddPac' is displayed. There are two input fields: 'User name:' with a dropdown arrow and 'Password:'. A red rectangle highlights these two fields. Below the password field is a checkbox labeled 'Remember my password'. At the bottom, there are 'OK' and 'Cancel' buttons, with a red rectangle around the 'OK' button. A blue arrow points from the 'OK' button to the 'Smart Web Manager' interface on the right.

Please enter the below log-in information to access Smart Web Manager

ID : root

Password : router



A screenshot of the 'Smart Web Manager' web interface. The interface has a blue header with the title 'Smart Web Manager'. On the left is a sidebar with a tree view containing categories like 'System', 'Basic', 'Advanced', and 'Miscellaneous'. The main area is titled 'System Information' and contains a table of system details. On the right is a sidebar with 'Information' and 'Description' sections.

System Information	
HW Version	2.0
SW Version	8.41.086
MAC Address	0002.4aff.80a4
VoIP Protocol	SIP
Voice Interface Module	S41014: None
Registration Status	Unregistered
Supported Codec List	
Network Information	Static 0.0.0.0
WAN LINK Status	100Mbps FULL Duplex Link UP
LAN LINK Status	100Mbps FULL Duplex Link UP
Current Time	Thu Sep 16 14:24:50 2010
System Startup Time	Thu Sep 16 14:23:19 2010
System Running Time	0 days 00:01:31
Total Calls	0

# Main Page Layout

**Main Menu**  
For easy system setup, provide the various menu and category

- System
  - Language
  - WAN Setup
  - LAN Setup
  - NAT
  - NTP
  - System Time
  - File Browser
- Basic
  - Protocol
  - Server SIP
  - Server H.323
  - SIP Registration
  - H.323 Registration
  - E1/T1 Trunk
  - FXS Extension
  - FXO Extension
  - E1/T1 Extension
  - DTMF/CODEC
  - VoIP Dial Plan
  - FXO DialPlan
  - Static Route
  - Hot Line
- Advanced
  - Gain & CID
  - Fax
  - Service
  - Filtering
  - Security
  - SNMP
- Miscellaneous
  - Port & Call Status
  - System Status
  - Call Log
  - System Log
  - Test Call
  - Ping

**Tool Bar**  
Provide frequently used tools like as System Update, Configuration Backup, Initialization, Restart, Telnet

**System Information**

HW Version	2.0
SW Version	8.41.086
MAC Address	0002.a4ff.f6a4
VoIP Protocol	SIP
Voice Interface Module	S(4)O(4) : None
Registration Status	Unregistered
Supported Codec List	
Network Information	Static 0.0.0.0
WAN LINK Status	100Mbps FULL Duplex Link UP
LAN LINK Status	100Mbps FULL Duplex Link UP
Current Time	Thu Sep 16 14:24:50 2010
System Startup Time	Thu Sep 16 14:23:19 2010
System Running Time	0 days 00:01:31
Total Calls	0

**Information**  
Display the current system version and status summary

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**  
Display the help message if you move mouse over main menu

**Workspace**  
Workspace for detailed action

# System - Language

**Smart Web Manager**  
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**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan

## Configure Language

☐ 한국어

☒ English

☐ Portugal

✓ Apply

**Configure Language**  
English, Korea, Portugal

**Information**

AddPac Technology  
Model : AP1800  
HW Version : 2.0  
SW Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

Choose the basic language to be applied. English is set at default.

# System – WAN Setup

## Host Name

Create a representative name for the site to be installed

## Static IP

This is static IP mode. Specify the addressed IP from the service provider

## PPPoE

This is ADSL mode. This mode is used for addressing IP though authentication from the modem.  
At this time, the modem must be configured in a way that the device can be authenticated.

## DHCP

This is dynamic IP mode which is set at default. The IP can be addressed from the external DHCP server.

## VLAN

Configure VLAN mode and ID.

## WAN Link

Controls and recognizes WAN port  
Specify the connection speed of WAN port.  
connection automatically.

## MAC

Change MAC address of WAN interface. Without address entry, use the basic MAC Address.

**WAN & Tunneling Setup**

**WAN Setup**

Hostname: Router

IP Address: A.B.C.D

Network Mask: A.B.C.D

Default Router: A.B.C.D

DNS Server: Primary DNS Server

Secondary DNS Server

☒ Static IP

☐ PPPoE(ADSL)

User name:

Password:

☒ (No Authentication)

☐ PAP (PPP Authentication Protocol)

☐ CHAP (Challenge Handshake Authentication Protocol)

☐ DHCP

☐ VLAN

ID: 0

☒ Auto

☐ Manual

Speed: 100 10

Duplex: full half

☒ NAT & Bridge

☒ None ☐ NAT ☐ Bridge

MAC(Hardware) Address:

Apply

**Information**

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

This command sets up WAN port. The static IP address is to be assigned from the service provider and you can enter the assigned IP address. For DHCP and PPPoE, the IP address of the device can be changed. MAC Address change can be used only when necessary. It is recommended to use the address created by the user not the address of the device

**NAT & Bridge**  
Configure NAT or Bridge mode



# System – LAN Setup

**None**  
It is configured by default IP.

**IP Share**  
This is sharing of LAN0.

**Static**  
This is configured directly by user.

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LAN Setup

☒ None

☐ IP Share (IP Connect)  
IP Address: 192.168.10.1 A.B.C.D (default 192.168.10.1)  
Network Mask: 255.255.255.0 A.B.C.D (default 255.255.255.0)

☐ Static  
☐ Enable DHCP Server  
Default Lease time: 0 (in seconds, default 43200, 1 day)  
Address Range:  -   
DNS Server:  A.B.C.D

☒ Apply

Information

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)/O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

Description

This command sets up LAN port. This setting is used for the connected PC internally. It is recommended to use IP share for 1 PC and static for many. For static, the private address band is required. The recommended address bands are IP Address 192.168.10.1, Network Mask 255.255.255.0, Address Range 192.168.10.2 - 192.168.10.254. At this time, the internal PC must be set to [Receiving IP address automatically]

- LAN Setup
- NAT

Basic

- Protocol
- Server SIP

- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO DialPlan
- Static Route
- Hot Line

Advanced

- Gain & CID
- Fax
- Service
- Filtering
- Security

# System - NAT

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System

- Language
- WAN Setup
- LAN Setup
- NAT**
- NTP
- System Time
- File Browser

Basic

- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan

### NAT Static Table

IP Protocol	Global Port	Local Address	Local Port	Selection
tcp				Add

Information

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

Description

When many PCs are connected to LAN, create a table for delivering TCP/UDP port to PC.

**NAT Static Table**  
When many PCs are connected to LAN, create a table for delivering TCP/UDP port to PC

# System - NTP

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System

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP**
- System Time
- File Browser

Basic

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension

**NTP**

☐ Enable ☒ Disable

Primary Server  (Domain Name or IP Address)

Secondary Server  (Domain Name or IP Address)

Interval  (1~72 hours)

Timezone Name  Offset  :  (-23~23 hours) : (0~60 minute)

Apply

Information

AddPac Technology  
Model : AP1800  
HW Version : 2.0  
SW Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

Description

Setup NTP Server

**NTP**  
Configure NTP server (s) & Options

# System – System Time

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System Time

Current Time Thu Sep 16 14:29:54 2010

Set System Time  Year  1 Month  1 Day  1 Hour  1 Min  1 Sec

Apply

**System Time**  
Configure Local Time

Information

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address: 0002.a4ff.f6a4

Description

# System – File Browser

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**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser**

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan

**File Browser**

**Index of Root/**

Name	Size	Type	Last Modified
secondary/		Directory	2010-Sep-16 14:30:09
tmp/		Directory	2007-Oct-19 00:56:02
ap1800_g2_v8_41_086.bin	3.3M	BIN	2010-Sep-16 23:13:10
apos.cfg	0.3K	CFG	2010-Sep-16 14:23:20
booter.cfg	0.4K	CFG	2009-Jul-14 10:26:23
booter.cfg~	0.2K		2009-Jul-14 10:26:23

**Information**

AddPac Technology  
Model : AP1800  
HW Version : 2.0  
SW Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address: 0002.a4ff.f6a4

**Description**

Back up / Restore the setting of the system software and device

## File Browser

Download and Upload Gateway's firmware or configuration file.

# Basic - Protocol

**Smart Web Manager**  
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**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC

**Protocol**

☒ SIP(Session Initiation Protocol)

☐ H.323(ITU H.323 Protocol)

Apply

**Configure VoIP signaling protocol SIP , H.323**

**Information**

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address: 0002.a4ff.f6a4

**Description**

Configure the settings of the protocol to be used for VoIP communication

# Basic – SIP Server

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System

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

Basic

- Protocol
- Server SIP**
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO DialPlan
- Static Route
- Hot Line

Advanced

## SIP (Session Initiation Protocol)

Use SIP Server ☐ Yes ☒ No

Primary SIP Server  5060 Server address and Port (default 5060)

Secondary SIP Server  5060 Server address and Port (default 5060)

Local Domain Name  (SIP userpart of authentication)

SIP Signaling Port  5060 (default 5060, between 1 to 65535)

Register Expiration  60 (in seconds, default 60, between 10 to 86400)

Session Re-Fresh ☒ INVITE ☐ UPDATE

Session Expire Time  1800 (in seconds, default 1800, between 30 to 86400, 0 = disable)

Min-SE  1800 (in seconds, default 1800, between 30 to 86400)

**SIP Server**  
Primary & Secondary server,  
Local domain name,  
SIP Signaling Port ( **reboot necessary** )  
Timer  
\* register expire  
\* session refresh  
\* session expire

Information

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

Description

Configure the settings for SIP.  
Contact your service provider  
for the settings

# Basic – SIP Registration

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**SIP Registration**

SIP Registration Configuration

Pots Num	Port	E.164 Number	User Name	Password	DisplayName	HuntStop	Reg
1000	S0P0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
1001	S0P1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
1002	S0P2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
1003	S0P3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* SIP Registration - Assigned Pots Tag Number : 1000 - 1024

☐ Apply

**SIP Registration**

- E.164 Number
- User Name
- Password
- Display Name
- Hunt Stop
- Registration checking

**Information**

AddPac Technology  
Model : AP1800  
HW Version : 2.0  
SW Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

Set up for using FXS port to registration SIP Server



# Basic – H.323 Server

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System

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

Basic

- Protocol
- Server SIP
- Server H.323**
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO DialPlan

## H.323 (ITU H.323 Protocol)

Use H.323 Server ☐ Yes ☒ No

Primary Gatekeeper  1719 Server address and Port (default 1719)

Secondary Gatekeeper  1719 Server address and Port (default 1719)

H.323 ID  (H.323 Identifier string)

H.323 Signaling Port  1720 (default 1720, between 1 to 65535)

H.323 Call start mode ☒ Fast ☐ Slow

H.323 Tunnel mode ☒ Enable ☐ Disable

☒ Apply

**H.323 Server**  
Primary & Secondary server,  
H.323 ID  
SIP Signaling Port ( **reboot necessary** )  
H.323 Call start mode  
H.323 Tunnel mode

Information

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : H.323  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

Description

Configure the settings for H.323. Contact your service provider for the settings

# Basic – H.323 Registration

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**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration**
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC

## H.323 Registration

H.323 Registration

Pots Num	Port	Number	HuntStop	REG
1000	S0P0	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
1001	S0P1	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
1002	S0P2	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
1003	S0P3	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* H323 Registration - Assigned Pots Tag Number: 1000 - 1024

**H.323 Registration**

- Number
- Hunt Stop
- Registration checking

**Information**

AddPac Technology  
Model : AP1800  
HW Version : 2.0  
SW Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : H.323  
Status : Unregistered  
Current Calls: 0  
CallNetwork : Static 0.0.0.0  
Mac Address: 0002.a4ff.f6a4

**Description**

Set up for using FXS port to registration H.323 Server

# Basic – Analog : FXS Extension

**Smart Web Manager**  
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**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**FXS Extension**

**Port Information**

Port	P0	P1	P2	P3	P4	P5	P6	P7
SLOT 0	FXS	FXS	FXS	FXS	FXO	FXO	FXO	FXO
SLOT 1								

**FXS Extension Configuration**

Pots Num	Port	Numbers	Preference	HuntStop	Control
P0:0			0		

**Information**

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : H.323  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

Set up for using FXS port to extension number (forwarding No)

**Port Information**  
voice port type & physical port

**FXS Extension**  
Configure phone-number for using inter-office Preference ( 0 : highest )

\* FXS Extension - Assigned Pots Tag Number : 1512 - 2023

# Basic – Analog : FXO Extension

**Smart Web Manager**  
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**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**Basic**

- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension**
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO DialPlan
- Static Route

## FXO Extension

**Port Information**

Port	P0	P1	P2	P3	P4	P5	P6	P7
SLOT 0	FXS	FXS	FXS	FXS	FXO	FXO	FXO	FXO
SLOT 1								

**FXO Extension Configuration**

Pots Num	Port	Numbers	Preference	HuntStop	Control
	P0:4		9		

\* FXO Extension - Assigned Pots Tag Number : 2024 - 2535

**FXO Extension**  
Configure phone-number for using PSTN Line  
Preference ( 0 : highest )

**Information**

AddPac Technology  
Model : AP1800  
HW Version : 2.0  
SW Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : H.323  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

# Basic – Analog : FXO Dial Plan

**Port Information**  
voice port type & physical port

**Plan Table**  
Configure translation rule for FXO Port  
- first, 'Number of Digits to Delete' option is applied.  
- second, 'Digits to Insert' option is applied.  
  
(ex) Origin called Number = 123456  
Number of Digits to Delete = 2  
Digits to Insert = "88"  
-----  
result = 883456

**FXO Table**  
Configure FXO Port with translation rule.

**Smart Web Manager**  
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**System**

- Language
- WAN Setup

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO DialPlan**

**FXO Dial Plan / Prefix**

**Port Information**

Port	P0	P1	P2	P3	P4	P5	P6	P7
SLOT 0	FXS	FXS	FXS	FXS	FXO	FXO	FXO	FXO
SLOT 1								

**Plan Table**

Rule Num	Digits to Insert	Digits to delete	Digit Pattern	Control
				Delete
				Add

**FXO Table**

Pots Num	FXS	FXO	Number	PlanIndex	Preference	Control
						Delete
						Apply

Assigned Translation-Rule Tag Number : 100 - 199  
Assigned Pots Tag Number : 3560 - 4071

**Information**

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : H.323  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

# Basic – Digital : E1/ T1 Trunk

**E1/T1 Port**  
Configure E1 channel & group

**E1/T1 value**  
Clock-Source  
Framing  
Line Code  
Signaling type

**E1/T1Sub function**  
ISDN-PRI  
- Protocol-emulate  
- virtual-Connect  
- immediate-disconnect  
- dial-tone generate  
- Compand type  
- Q931 Timer  
R2-MFC  
- Get calling number  
Busyout  
- monitoring E1/T1 port status

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**E1/T1 Trunk**

**E1 Port (Slot 0/0)**

Slot/Port	group Num (0~9)	Time slot Range(1-31,16-31,1,2,3)	Control
0/0			Add

**Clock-Source** Master

**Framing** CRC4

**Line Code** HDB3

**Signaling-type** ISDN-PRI

**ISDN-PRI**

**Protocol-emulate**  
Virtual-Connect  
Immediate-disc  
Dial-Tone-Generate  
Compand-Type  
Q931 Timer  
R2-MFC  
Busyout

☒ Network  
☐ User

☐ Enable  
☒ Disable  
☐ Enable  
☒ Disable  
☐ Enable  
☒ Disable  
☒ a-law  
☐ u-law  
N303 2 (1~10sec)  
T303 4 (1~400sec)  
T310 10 (5~400sec)  
☐ Enable  
☒ Disable  
☐ PortDown  
☒ None

**Information**

AddPac Technology  
Model : AP1800  
HW Version : 2.0  
SW Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
E1(2) : None  
Protocol : H.323  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address: 0002.a4ff.f6a4

**Description**  
Configure the settings for VoIP  
Dial Plan and Prefix table

Test Call  
Ping

Apply

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# Basic – Digital : E1/ T1 Extension

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**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**Basic**

- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension**
- DTMF/CODEC
- VoIP Dial Plan
- FXO DialPlan
- Static Route

**E1/T1 Extension**

**Port Information**

Port	P0	P1	P2	P3	P4	P5	P6	P7
SLOT 0	E1	E1						
SLOT 1								

**E1/T1 Extension Configuration**

Pots Num	Port	Group	Numbers	HuntStop	Forward Digits(0~99)	Control
	P0:0					

☐ from ☐ last

\* E1/T1 Extension - Assigned Pots Tag Number: 2536 - 2737

**Port Information**  
voice port type & physical port

**E1/T1 Extension**  
Configure phone-number for using PABX  
- Forward-Digits (from / last)

**Information**

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
SW Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
E1(2) : None  
Protocol : H.323  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

# Basic – DTMF/CODEC

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**System**

- Language

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC**
- VoIP Dial Plan

**DTMF/CODEC**

**Voice CODEC**

Preference 1: None  
Preference 2: None  
Preference 3: None  
Preference 4: None  
Preference 5: None  
Preference 6: None

**DTMF Relay mode**

☐ DTMF relay by In-band voice  
☐ DTMF relay by RTP payload defined by RFC 2833  
☐ DTMF relay by Out-of-band signal  
☐ DTMF relay by Cisco out-of-band signal

☒ Apply

**CODEC**  
Configure voice codec preference  
(g711a, g711u, g729, g7231, g726)

**DTMF**  
Configure DTMF relay method  
(in-band, RFC2833, out-of-band, CISCO type out-of-band)

**Information**

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
T1(2) : None  
Protocol : H.323  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

Configure the settings for GSM  
Dial Plan and Prefix table



# Basic – VoIP Dial Plan

**VoIP PLAN**  
Configure translation rule for VOIP Peer.  
- first, 'Number of Digits to Delete' option is applied.  
- second, 'Digits to Insert' option is applied.

(ex) Origin called Number = 123456  
Number of Digits to Delete = 2  
Digits to Insert = "88"  
-----  
result = 883456

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System

- Language
- WAN Setup
- LAN Setup
- NAT
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan**
- FXO DialPlan
- Static Route
- Hot Line

## VoIP Dial Plan / Prefix

**Plan Table**

Rule Num	Digits to Insert	Digits to delete	Digit Pattern	Control
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<div>Delete</div> <div>Add</div>

**Prefix Table**

Voip Num	Prefix	Called Num Plan	Calling Num Plan	Control
<input type="text"/>		N.A.	N.A.	<div>Delete</div> <div>Apply</div>

\* VoIP Dial Plan - Assigned Translation-Rule Tag Number : 0 - 99  
\* VoIP Dial Plan - Assigned VoIP Tag Number : 10000 - 10099

**Information**

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 0.41.006  
SmartWeb Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
T1(2) : None  
Protocol : H.323  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

Configure the settings for the outbound call of main/remote and incoming E1/T1 and routing

**Prefix Table**  
Configure VoIP Peer with translation rule.  
( Serviced by SIP SERVER)

# Basic – Static Route

**Smart Web Manager**  
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**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension

## Static Route

Set Remote Site Call(5-digit number is set to begin \*2->\*2...)

Pots Num	Remote Site IP	Signaling Port	Prefix	Digits to Insert	Digits to Delete	Name of Remote Site	Answer Addr	Control
*								Apply

\* Static Route - Assigned Voip Tag Number : 10100 - 10199  
\* Static Route - Assigned Translation-Rule Tag Number : 10100 - 10199

**Static Route**  
Configure Static VoIP Peer for using Inter-Office .  
( Already, I know IP & phone-number)

**Information**

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.027  
Smart Web Version : 0.4  
Smart Web Build : Sep 16 2010

Voice Interface  
E1(2) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address: 0002.a4ff.f6a4

**Description**

# Basic – Hot Line

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System

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

Basic

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO DialPlan
- Static Route
- Hot Line

## Hot Line

### Hot Line Configuration

Port	Hot Line Number	Digit Input Timeout <0~10 sec>
S0P0(S)	<input type="text"/>	0
S0P1(S)	<input type="text"/>	0
S0P2(S)	<input type="text"/>	0
S0P3(S)	<input type="text"/>	0
S0P4(O)	<input type="text"/>	0
S0P5(O)	<input type="text"/>	0
S0P6(O)	<input type="text"/>	0
S0P7(O)	<input type="text"/>	0

Apply

Information

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.027  
Smart Web Version : 0.4  
Smart Web Build : Sep 16 2010  
Voice Interface  
S(4)/O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

Description

### Hot Line

- Used as incoming direct call of FXO port(Connection PLAR)
- Timer ( FXS port only : No Digit event is occurred for configured timer value, Auto-Dialing will be started )

# Advanced – Gain & CID

Smart Web Manager  
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System

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

Basic

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO DialPlan
- Static Route
- Hot Line

## Gain & CID

Gain

Port	Port Type	InputGain	OutputGain	Caller ID
P0:0	FXS	0	0	<input checked="" type="checkbox"/>
P0:1	FXS	0	0	<input checked="" type="checkbox"/>
P0:2	FXS	0	0	<input checked="" type="checkbox"/>
P0:3	FXS	0	0	<input checked="" type="checkbox"/>
P0:4	FXO	0	0	<input type="checkbox"/>
P0:5	FXO	0	0	<input type="checkbox"/>
P0:6	FXO	0	0	<input type="checkbox"/>
P0:7	FXO	0	0	<input type="checkbox"/>

✓ Apply

Information

AddPac Technology  
Model : AP1800  
HW Version : 2.0  
SW Version : 8.41.086  
Smart Web Version : 0.4  
Smart Web Build : Sep 15 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : H.323  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address: 0002.a4ff.f6a4

Description

Adjust the input voice volume from FXS/FXO/E1/E&M to DSP and the output volume from DSP to the phone or PSTN line;

**Gain & CID**  
Configure Input-gain, output-gain and caller-ID.

# Advanced - Fax

The screenshot shows the 'Smart Web Manager' interface for configuring Fax settings. The left sidebar contains two main sections: 'System' and 'Basic'. The 'Fax' configuration page is active, showing 'Fax Mode' and 'Fax Rate' options. A red dashed box highlights these two settings. A yellow box with the text 'FAX Configure fax mode & rate (VoIP Lines)' is overlaid on the page. The right sidebar contains 'Information' and 'Description' sections.

**Smart Web Manager**  
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**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC

**Fax**

**Fax Mode**

☒ T.38 ☐ Inband T.38 ☐ Bypass

**Fax Rate**

☐ Disable ☐ 2400 ☐ 4800 ☐ 7200 ☒ 9600 ☐ 12000 ☐ 14400

Apply

**FAX**  
Configure fax mode & rate (VoIP Lines)

**Information**

AddPac Technology  
Model : AP1800  
HW Version : 2.0  
SW Version : 8.41.027  
Smart Web Version : 0.4  
Smart Web Build : Sep 16 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address: 0002.a4ff.f6a4

**Description**

Enable or disable T.38/Inband T.38, which is fax internet protocol and specify Baudrate

# Advanced - Service

Smart Web Manager  
www.addpac.com

**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO DialPlan
- Static Route
- Hot Line

**Advanced**

- Gain & CID
- Fax
- Service**
- Filtering
- Security

**Miscellaneous**

- Port & Call Status
- System Status
- Call Log

**Service**

**Application Services**

- ☒ Enable Telnet Server Port 23 (default 23, 1-65535)
- ☒ Enable HTTP Server Port 80 (default 80, 1-65535)
- ☐ Enable FTP Control Port 21 (default 21, 1-65535) Data Port 20 (default 20, 1-65535)
- ☐ Enable Syslog Primary Server Port (default 514) Secondary Server Port (default 514) Log Level 0-emergency Log Command disable

**Timer**

- Inter Digit Time 3 sec (default 3, 1-600)

**Call Service**

- Transfer ☐ Hook-Flash ☒ Not-assigned
- Hold ☐ Hook-Flash ☒ Not-assigned

**SIP Transfer**

- Mode ☒ blind ☐ Attended

**Skype Server**

- Use ☐ Enable ☒ Disable

**Hunt**

- Algorithm (0) longest - preference - random

**Change Password**

- ID : root New Password Confirm Password

☒ Apply

**Information**

AddPac Technology  
Model : AP1800  
HW Version : 2.0  
SW Version : 8.41.027  
Smart Web Version : 0.4  
Smart Web Build : Sep 16 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

Enable or disable Telnet, HTTP, FTP and specify the access port and Call Hold/Transfer and Timer.

**Service**

- Configure application service(Telnet, HTTP, ftp, syslog)
- Configure IDT(Inter Digit Time)
- Configure Call-Transfer-Mode & Hook-Flash-Usage-Type.
- Configure SIP Call-Transfer-Mode.
- Configure Skype SIP Server Use
- Hunt Algorithm
- Changing Password

# Advanced - Filtering

**Smart Web Manager**  
www.addpac.com

**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO Dial Plan
- Static Route
- Hot Line

**Filter**

**FTP Filter**

Network Addr	Network Mask	Control
<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

**HTTP Filter**

Network Addr	Network Mask	Control
<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

**Telnet Filter**

Network Addr	Network Mask	Control
<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

**Information**

AddPac Technology  
Model : AP1800  
HW Version : 2.0  
S/W Version : 8.41.027  
Smart Web Version : 0.4  
Smart Web Build : Sep 16 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

For FTP, HTTP, Telnet, set up one IP or IP band for allowing access

**Filter**  
Configure application service filter with IP & Subnet mask.

# Advanced - Security

**Smart Web Manager**  
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**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO Dial Plan

**Security**

**IP Filtering** ☐ Enable ☒ Disable

Allowed IP Address List

**WarDialing Filtering** ☐ Enable ☒ Disable

Allow Digit Length(IP to PSTN)  Min  Max

**H323 Shutdown** ☐ Enable ☒ Disable

**SIP Shutdown** ☐ Enable ☒ Disable

**Information**

AddPac Technology  
Model : AP1800  
HW Version : 2.0  
SW Version : 8.41.027  
Smart Web Version : 0.4  
Smart Web Build : Sep 16 2010

Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

**Security**

- IP Filtering : Allowing only the inbound call which is registered to Call-Routing of the server by static IP.
- Allowed IP address list : Allowing only inbound call which is added ip address.
- WarDialing : Allowing only the inbound call with the number registered to Inter-Office and phone-number.
- Digit Length : Allowing only the inbound call with the number registered to Inter-Office and phone-number
- H.323 : H.323 signaling packets are filtered.
- SIP : SIP signaling packets are filtered.



# Miscellaneous – Port & Call Status

**Smart Web Manager**  
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System

- Language
- WAN Setup

Protocol

- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension

## Port & Call Status

**Port Status**

SLOT	Port	Port Group							
		0(FXS)	1(FXS)	2(FXS)	3(FXS)	4(FXO)	5(FXO)	6(FXO)	7(FXO)
SLOT 0	Status	I	I	I	I	I	I	I	I
	Select	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Unblock Block

Connection State : (Connected) (Disconnected || Blocked)  
Call State : (Idle) (Ring || Dial) (Called) (Calling) (Blocked)

**Call State**

Port	Direction	Established Time	Calling Number	Called Number	CODEC	Src/Dest. IP
------	-----------	------------------	----------------	---------------	-------	--------------

### Information

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.027  
Smart Web Version : 0.4  
Smart Web Build : Sep 16 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

### Description

Verify port status and retrieve the present call information

**Analog/Digital Port**  
Real-time display about analog or digital port status (occupation, call status). Provide a specific port blocking function

**Active Call Status**  
Real-time display about current active call status (calling party addr, called party addr, Codec, etc)

# Miscellaneous – System Status

System

- Language
- WAN Setup
- LAN Setup
- NAT

Advanced

- Gain & CID
- Fax
- Service
- Filtering
- Security

System Status

- voice port status & information
- SIP-UA status & information
- gateway status & information
- system utilization information

Smart Web Manager

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System Status

Voice Port

Port	LineType	Status	InGain	OutGain	TieType	TieDigits	CallNum	Tcalled	Tcalling
0/ 0	FXS	Idle	0	0	none		-1	-1	-1
0/ 1	FXS	Idle	0	0	none		-1	-1	-1
0/ 2	FXS	Idle	0	0	none		-1	-1	-1
0/ 3	FXS	Idle	0	0	none		-1	-1	-1
0/ 4	FXO	Idle	0	0	none		-1	-1	-1
0/ 5	FXO	Idle	0	0	none		-1	-1	-1
0/ 6	FXO	Idle	0	0	none		-1	-1	-1
0/ 7	FXO	Idle	0	0	none		-1	-1	-1

SIP-UA

Proxyserver Registration Information  
proxyserver registration option = e164  
Proxyserver list :  
No Proxyserver Information.

SIP UA Timer counters  
retry counter = 10

SIP UA Timer values  
tretry (sip retry timer) = 500 msec.  
tinterval (sip retry max interval timer) = 4 sec.  
treg (sip register timer) = 60 sec.  
tregtry (sip register retry timer) = 20 sec.  
texpires (sip invite expire timer) = 180 sec.  
tsipping (sip ping timer) = 45 sec.  
tarv (sip srv retry timer) = 60 sec.  
thppolling (sip higher priority polling timer) = 30 sec.

SIP UA Session Timer value  
Min-SE = 1800 sec.  
Session-Expires = 1800 sec.

SIP DNS SRV Query : Disable  
SIP Called-Party-Number : from URL

Information

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.027  
Smart Web Version : 0.4  
Smart Web Build : Sep 16 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address: 0002.a4ff.f6a4

Description

Verify the present port information, Server Register status, CPU and Memory usage

# Miscellaneous – Call Log

**Smart Web Manager**  
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**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO DialPlan
- Static Route
- Hot Line

**Advanced**

- Gain & CID
- Fax
- Service
- Filtering
- Security

**Miscellaneous**

- Port & Call Status
- System Status
- Call Log**
- System Log
- Test Call
- Ping

**Call Log**

CallNum	EventTime	Descript	CallingPartyNum	CalledPartyNum	RemoteInfo	SetupTime	Dur	Reason
---------	-----------	----------	-----------------	----------------	------------	-----------	-----	--------

**Call Log**  
Show call history information

- \* call number
- \* event time
- \* description
- \* calling number
- \* called number
- \* remote IP information
- \* call setup time
- \* call duration
- \* call clear reason

# Miscellaneous – System Log

The screenshot displays the Smart Web Manager interface with the following components:

- Header:** "Smart Web Manager" and "www.addpac.com" on the left; settings, help, and other icons on the right.
- Left Sidebar:**
  - System:** Language, WAN Setup, LAN Setup, NAT, NTP, System Time, File Browser.
  - Basic:** Protocol, Server SIP, Server H.323, SIP Registration, H.323 Registration, E1/T1 Trunk, FXS Extension, FXO Extension, E1/T1 Extension, DTMF/CODEC, VoIP Dial Plan, FXO DialPlan, Static Route, Hot Line.
  - Advanced:** Gain & CID, Fax, Service, Filtering, Security.
  - Miscellaneous:** Port & Call Status, System Status, Call Log, **System Log**, Test Call, Ping.
- Main Content Area:**
  - System Log** (with a help icon):
    - command logging buffers (messages logged)
    - event logging buffers (messages logged)
  - System Log** (yellow box):
    - command log
    - system alarm log ( ex : interface down)
- Right Sidebar:**
  - Information:** AddPac Technology, Model : AP1800, H/W Version : 2.0, S/W Version : 8.41.027, Smart Web Version : 0.4, Smart Web Build : Sep 16 2010, Voice Interface S(4)O(4) : None, Protocol : SIP, Status : Unregistered, Current Calls : 0, CallNetwork : Static 0.0.0.0, Mac Address: 0002.a4ff.f6a4.
  - Description:** Retrieve the system log

# Miscellaneous – Test Call

**Smart Web Manager**  
www.addpac.com

**System**

- Language
- WAN Setup
- LAN Setup
- NAT
- NTP
- System Time
- File Browser

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF CODEC

## Test Call

Port	B-Ch (1-24)	Test Phone Number	Digits	Command
S0P0	-	<input type="text"/>	<input type="text"/>	<input type="button" value="Start"/> <input type="button" value="Voice"/> <input type="button" value="Digit"/> <input type="button" value="End"/>
S0P1	-	<input type="text"/>	<input type="text"/>	<input type="button" value="Start"/> <input type="button" value="Voice"/> <input type="button" value="Digit"/> <input type="button" value="End"/>
S0P2	-	<input type="text"/>	<input type="text"/>	<input type="button" value="Start"/> <input type="button" value="Voice"/> <input type="button" value="Digit"/> <input type="button" value="End"/>
S0P3	-	<input type="text"/>	<input type="text"/>	<input type="button" value="Start"/> <input type="button" value="Voice"/> <input type="button" value="Digit"/> <input type="button" value="End"/>

**Test Call**  
remote diagnose the proper operation of VoIP call

- Test Phone Number
- Digits
- Start / Voice / Digit / End Button

**Information**

AddPac Technology  
Model : AP1800  
H/W Version : 2.0  
S/W Version : 8.41.027  
Smart Web Version : 0.4  
Smart Web Build : Sep 16 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

Make a test call remotely through web

# Miscellaneous - Ping

The screenshot shows the 'Smart Web Manager' interface with the 'Ping' tab selected. The left sidebar contains a 'System' menu with 'Language' and 'File Browser', and a 'Basic' menu with various network settings. The main area has a 'Ping' section with a 'Host address' input field and a 'Start' button. A yellow callout box on the left explains the PING function. A red dashed box highlights the input field and button. Another yellow callout box points to the main content area, indicating where the real-time ping status is shown. The right sidebar contains 'Information' and 'Description' sections.

**Smart Web Manager**  
www.addpac.com

**System**

- Language

**Basic**

- Protocol
- Server SIP
- Server H.323
- SIP Registration
- H.323 Registration
- E1/T1 Trunk
- FXS Extension
- FXO Extension
- E1/T1 Extension
- DTMF/CODEC
- VoIP Dial Plan
- FXO DialPlan
- Static Route

**PING**  
You can diagnose network status by PING.

**Ping**

Host address

**PING**  
Show real time ping status.

**Information**

AddPac Technology  
Model : AP1800  
HW Version : 2.0  
SW Version : 8.41.027  
Smart Web Version : 0.4  
Smart Web Build : Sep 16 2010  
Voice Interface  
S(4)O(4) : None  
Protocol : SIP  
Status : Unregistered  
Current Calls : 0  
CallNetwork : Static 0.0.0.0  
Mac Address : 0002.a4ff.f6a4

**Description**

Verify the outgoing Ping to the outside from the device by entering IP address and URL  
Verify network status of the location in where the terminal is located

# VoIP Gateway Series

# Thank you!

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