

Device Configuration Guide

Linksys PAP2



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*VoiceDirector Device Configuration Guide
Linksys PAP2*

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1. Linksys PAP2

This guide contains VoiceDirector configuration instructions for the Linksys PAP2 device.

STEP 1 – SETUP ACCOUNT

Make sure you have an account on the VoiceDirector server to which you are connecting.

STEP 2 – ACCESSING THE PAP2

Connect an analog phone to the RJ-45 connector on the PAP2.

1. Using the telephone keypad, press the star key (*) four (4) times: ********.
You will be prompted to enter a code.
2. Enter the code **110** followed by the pound key (#).
The system announces the IP address. Write it down.

STEP 3 - LOGGING INTO THE WEB CONFIGURATION INTERFACE

To log into the WRP200's Web Configuration Interface:

1. Launch Microsoft® Internet Explorer.
2. In the **Address** bar, enter **http://**, followed by the IP address you wrote down in step 3 above.
For example, if your IP address is 192.168.1.100 you would enter **http://192.168.1.100** in the **Address** bar.
3. Press the **Enter** key on your keyboard, or click the **Go** button.
The status screen displays. You are now logged into the PAP2's Web Configuration Interface.

The screenshot displays the Linksys PAP2 web configuration interface. At the top, it shows the Linksys logo and 'A Division of Cisco Systems, Inc.' with the firmware version '2.0.12(LS)'. The main header indicates 'Phone Adapter with 2 Ports for Voice-Over-IP' and 'PAP2'. Below this, there are tabs for 'Info', 'System', 'User 1', and 'User 2', with 'System' selected. A 'Basic View (switch to advanced view)' link is present, along with an 'Admin Login' link. The main content area is divided into four sections:

- System Information:** DHCP: Enabled; Host Name: LinksysPAP; Current Netmask: 255.255.252.0; Primary DNS: 216.53.120.37; Secondary DNS: 216.53.120.43; Current IP: 216.53.123.18; Domain: ewr2.n2pcorp.com; Current Gateway: 216.53.123.254.
- Product Information:** Product Name: PAP2-NA; Software Version: 2.0.12(LS); MAC Address: 001217FB0B90; Serial Number: FH900DC63305; Hardware Version: 0.03.4; Client Certificate: Installed.
- System Status:** Current Time: 1/1/2003 18:53:15; Broadcast Pkts Sent: 2; Broadcast Pkts Recv: 120729; Broadcast Pkts Dropped: 0; RTP Packets Sent: 0; RTP Packets Recv: 0; SIP Messages Sent: 85; SIP Messages Recv: 88; External IP: [blank]; Elapsed Time: 06:53:15; Broadcast Bytes Sent: 684; Broadcast Bytes Recv: 8297234; Broadcast Bytes Dropped: 0; RTP Bytes Sent: 0; RTP Bytes Recv: 0; SIP Bytes Sent: 59362; SIP Bytes Recv: 30006.
- Line 1 Status:** Display Name: [blank]; Hook State: On; Last Registration At: 1/1/2003 18:49:30; Message Waiting: No; Last Called Number: [blank]; Mapped SIP Port: [blank]; Call 1 State: Idle; Call 1 Tone: None; User ID: 2016382348; Registration State: Online; Next Registration In: 72 s; Call Back Active: No; Last Caller Number: [blank]; Call 2 State: Idle; Call 2 Tone: None.

PAP2 Web Configuration Screen

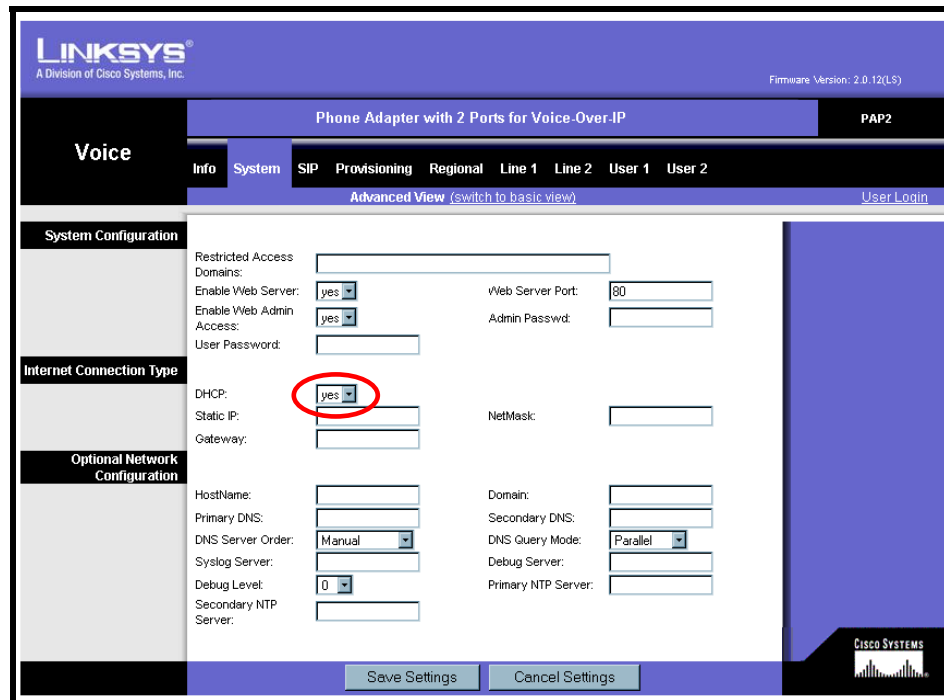
STEP 4 – CONFIGURING THE PAP2 FOR OUTBOUND CALLING

1. Click on the **Admin Login** link in the upper right corner of the page, and then click the **switch to advanced view** link.

This screenshot shows the main window of the Linksys PAP2 web interface. The layout is similar to the configuration screen, but with two red circles highlighting specific elements: one around the '(switch to advanced view)' link and another around the 'Admin Login' link in the top right corner.

PAP2 Web Interface – Main Window

2. Click the **System** tab, and in the *Internet Connection Type* section, click the **DHCP** drop-down menu, and select **yes** or **no**.



System Tab

3. If you set DHCP to no, enter the **Static IP**, **NetMask**, and **Gateway** information.

If you set DHCP to yes, continue to step 5.

4. Click the **Save Settings** button at the bottom of the page to save the settings.

STEP 5 – LINE-SPECIFIC CONFIGURATION

1. Click the **Line1** or **Line2** tab at the top of the page, and in the *NAT Settings* section, change the following setting:

Field	Value
NAT Keep Alive Enable	no

2. In the *Proxy and Registration* section (see the screen on the following page), change the following settings:

Field	Value
Proxy NOTE: If using a DNS, do not include "http://" in the Proxy name. For example, if the DNS name is 000.00.000.00, enter 000.00.000.00 as the Proxy.	Enter the VoiceDirector IP address or DNS name.

Field	Value
Use Outbound Proxy	no
Use OB Proxy In Dialog	no
Make Call Without Reg	yes
Ans Call Without Reg	yes
DNS SRV Auto Prefix	no

3. In the *Subscriber Information* section (as shown in the *Line 1/2 Page* screen on the following page), enter a **Display Name**. This value can be any alphanumeric string, such as your VoiceDirector extension or other identifying information.
4. Enter the **User ID** (VoiceDirector extension) and **Password** (password).

IMPORTANT

If using the two lines on the device, you must have a different account and PIN for Line 1 and Line 2.

5. Click the **Use Auth ID** drop-down menu, and click **no**.

LINKSYS
A Division of Cisco Systems, Inc. Firmware Version: 2.0.12(LS)

Phone Adapter with 2 Ports for Voice-Over-IP PAP2

Voice

Info System SIP Provisioning Regional **Line 1** Line 2 User 1 User 2

Advanced View (switch to basic view) User Login

Streaming Audio Server (SAS)

Line Enable:

SAS Enable: SAS DLG Refresh Intvt:

SAS Inbound RTP Sink:

NAT Settings

NAT Mapping Enable: NAT Keep Alive Enable:

NAT Keep Alive Msg: NAT Keep Alive Dest:

Network Settings

SIP TOS/DiffServ Value: Network Jitter Level:

RTP TOS/DiffServ Value:

SIP Settings

SIP Port: SIP 100REL Enable:

EXT SIP Port: Auth Resync-Reboot:

SIP Debug Option: RTP Log Intvt:

Restrict Source IP:

Call Feature Settings

Blind Attn-Xfer Enable: MOH Server:

Xfer When Hangup Conf:

Proxy and Registration

Proxy: Use Outbound Proxy:

Outbound Proxy: Use OB Proxy In Dialog:

Register: Make Call Without Reg:

Register Expires: Ans Call Without Reg:

Use DNS SRV: DNS SRV Auto Pref:

Proxy Fallback Intvt: Voice Mail Server:

Subscriber Information

Display Name: User ID:

Password: Use Auth ID:

Auth ID:

Mini Certificate:

S RTP Private Key:

Supplementary Service Subscription

Call Waiting Serv: <input type="text" value="yes"/>	Block CID Serv: <input type="text" value="yes"/>
Block ANC Serv: <input type="text" value="yes"/>	Dist Ring Serv: <input type="text" value="yes"/>
Cfwd All Serv: <input type="text" value="yes"/>	Cfwd Busy Serv: <input type="text" value="yes"/>
Cfwd No Ans Serv: <input type="text" value="yes"/>	Cfwd Sel Serv: <input type="text" value="yes"/>
Cfwd Last Serv: <input type="text" value="yes"/>	Block Last Serv: <input type="text" value="yes"/>
Accept Last Serv: <input type="text" value="yes"/>	DND Serv: <input type="text" value="yes"/>
CID Serv: <input type="text" value="yes"/>	OWCID Serv: <input type="text" value="yes"/>
Call Return Serv: <input type="text" value="yes"/>	Call Back Serv: <input type="text" value="yes"/>
Three Way Call Serv: <input type="text" value="yes"/>	Three Way Conf Serv: <input type="text" value="yes"/>
Attn Transfer Serv: <input type="text" value="yes"/>	Unattn Transfer Serv: <input type="text" value="yes"/>
MVM Serv: <input type="text" value="yes"/>	VMM Serv: <input type="text" value="yes"/>
Speed Dial Serv: <input type="text" value="yes"/>	Secure Call Serv: <input type="text" value="yes"/>
Referral Serv: <input type="text" value="yes"/>	Feature Dial Serv: <input type="text" value="yes"/>

Audio Configuration

Preferred Codec: Silence Supp Enable:

Use Pref Codec On: Silence Threshold:

G729a Enable: Echo Canc Enable:

G723 Enable: Echo Canc Adapt Enable:

G726-16 Enable: Echo Supp Enable:

G726-24 Enable: FAX CED Detect Enable:

G726-32 Enable: FAX CNG Detect Enable:

G726-40 Enable: FAX Passthru Codec:

FAX Codec Symmetric: FAX Passthru Method:

DTMF Tx Method: FAX Process NSE:

Hook Flash Tx Method: Release Unused Codec:

Dial Plan

Dial Plan: Enable IP Dialing:

FXS Port Polarity Configuration

Idle Polarity: Caller Conn Polarity:

Callee Conn Polarity:

CISCO SYSTEMS

Line1/2 Page

6. Scroll to the *Audio Configuration* section (as shown in the *Line 1/2 Page* screen on the previous page), and change the following settings:

Field	Value
Preferred Codec	Select VoiceDirector's primary codec.
Use Pref Codec Only	no
G729a Enable	yes
G723 Enable	yes
G726-16 Enable	no
G726-24 Enable	no
G726-32 Enable	no
G726-40 Enable	no
DTMF Tx Method	AVT

7. Click the **Save Settings** button to save the settings.