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## IP400 Quick Start Guide

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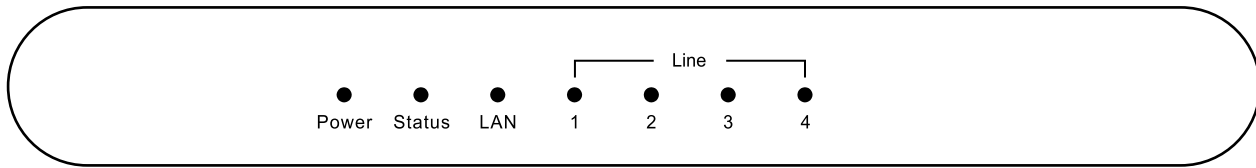
The Gateway is a four port device designed to interface the IP PBX, which is LAN based, with the traditional telephone network. The Model 400 is designed to provide 4FXO ports for connecting to the traditional telephone network for connection to an IP PBX.

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### 3 Easy Steps to configure the IP400

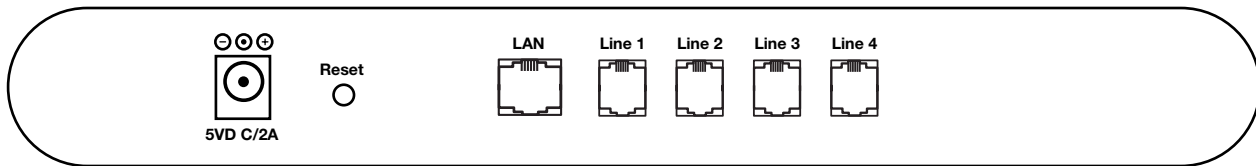
- 1) Connecting the IP400
- 2) Configuring the IP400
- 3) Creating a SIP Provider on the PBX

## IP400 LED Indicators



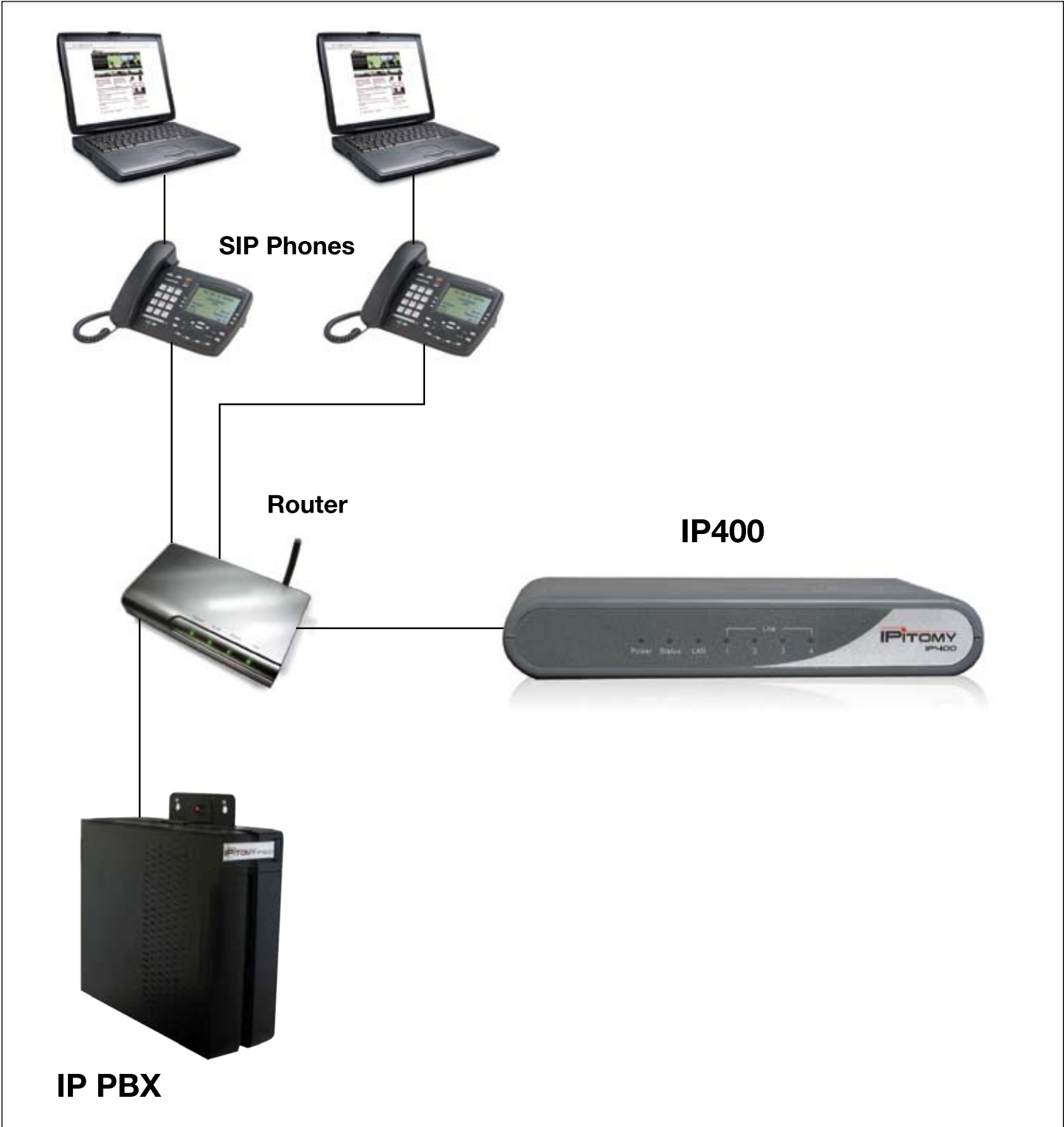
Power	On	Power On
	Off	Power Off
Statuus	On	The VoIP Gateway has successfully registered to SIP server.
	Flashing	The VoIP Gateway has not registered to SIP server.
LAN	On	The LAN port is active.
	Off	No active connection on the LAN port.
	Flashing	Data is being transmitted or received via the LAN port.
Line 1, 2, 3 and 4	On	The PSTN port is active.
	Off	The PSTN port is not in use.
	Flashing	The device connecting to the line is ringing.

## IP400 Back Panel



Power	Connect the supplied power adapter here.
Reset Button	This button has two (2) functions: <ol style="list-style-type: none"> <li>1) Reboot. When pressed for less than 6 seconds and released, the VoIP Gateway will reboot (restart).</li> <li>2) Clear All Data. When press for 6 seconds longer then released. ALL data are cleared and restored to the factory default values, and the VoIP Gateway will reboot.</li> </ol>
LAN (10/100BaseT)	Connect to a broadband router using a standard LAN cable.
Line 1~4	Connect to your PSTN phone lines or PBX extension lines here.
Reset	RESET

# Typical Small Office Configuration



# 1

## Connecting the IP400

- 1) Connect the IP400 to the local network.
- 2) Navigate to the networks router via a web browser.
- 3) Open the DHCP Client Table.
- 4) Match the IP400's MAC address with the associated IP address.

DHCP Active IP Table				Refresh
DHCP Server IP Address: <b>192.168.2.1</b>				
Client Hostname	IP Address	MAC Address	Interface	Delete
Ηαβό γδΕεζό	192.168.2.50	00-08-5d-03-09-35	Ethernet	<input type="checkbox"/>
	192.168.2.51	00-08-5d-03-22-8f	Ethernet	<input type="checkbox"/>
γΑΑ"ο8εζό	192.168.2.52	00-08-5d-03-e7-c2	Ethernet	<input type="checkbox"/>
εο"εεζøεζό	192.168.2.53	00-08-5d-03-42-c2	Ethernet	<input type="checkbox"/>
	192.168.2.54	00-08-5d-03-41-95	Ethernet	<input type="checkbox"/>

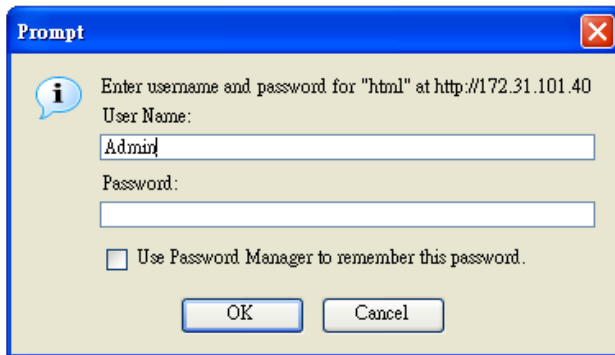
# 2

## Configuring the IP400

- 1) Open a web browser on a computer connected to the local network.
- 2) Navigate to the IP address of the IP400 (obtained in step 1).
- 3) Login to the IP400

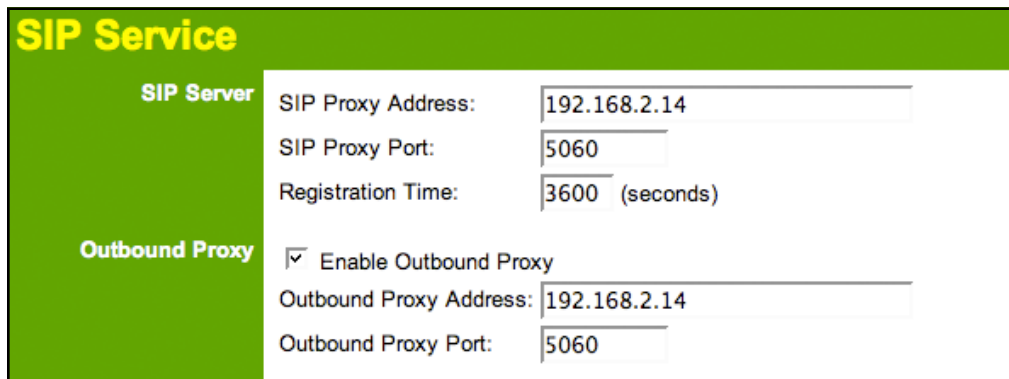
User: Admin

Password:



The image shows a Windows 'Prompt' dialog box with a blue title bar and a close button. The main area is light gray and contains an information icon (i) on the left. The text reads: 'Enter username and password for "html" at http://172.31.101.40'. Below this, there are two input fields: 'User Name:' with 'Admin' entered, and 'Password:' which is empty. At the bottom, there is a checkbox labeled 'Use Password Manager to remember this password.' which is unchecked. Two buttons, 'OK' and 'Cancel', are at the bottom right.

### Setup > SIP Service:



The image shows a configuration page titled 'SIP Service' with a green header. The page is divided into two sections: 'SIP Server' and 'Outbound Proxy'. The 'SIP Server' section has three input fields: 'SIP Proxy Address:' with '192.168.2.14', 'SIP Proxy Port:' with '5060', and 'Registration Time:' with '3600 (seconds)'. The 'Outbound Proxy' section has a checked checkbox 'Enable Outbound Proxy' and two input fields: 'Outbound Proxy Address:' with '192.168.2.14' and 'Outbound Proxy Port:' with '5060'.

- 1) Under SIP Server:  
SIP Proxy Address: 192.168.2.14 (IP address of the PBX)  
SIP Proxy Port: 5060  
Registration Time: 3600 (seconds)

# 2

2) Under Outbound Proxy:

Check enable Outbound Proxy

Outbound Proxt Address: 192.168.2.14 (IP address of the PBX)

3) Save Settings

## Setup > Line Settings:

**4 FXO Line Settings**

DID

Telephone Number 1: 5555555555

Telephone Number 2: 5555555555

Telephone Number 3: FXO\_3

Telephone Number 4: FXO\_4

Register

User Name: gateway

Password: \*\*\*\*\*

1) Under each line enter the phone number associated with that line.

[5555555555] (no spaces, no hyphens, no dashes, no periods, no parenthesis)

2) Register:

Username: gateway (choose a unique username for the IP400)

Password: gateway (choose a unique username for the IP400)

3) Save Settings

## Restarting the IP400

1) Administration > Reboot

2) Click on Restart System and wait for the device to restart.

# 3

## Creating a SIP Provider on the PBX

- 1) Log into the PBX
- 2) Go to Provider > SIP Providers
- 3) Click Add New

### Restarting the IP400

Name: gateway (a recognizable name for the IP400)

User Type: Friend

DTMF Mode: auto

Host: dynamic

Register: No

Auth: No

Username: gateway (same as entered for the IP400 in step 2)

Secret: gateway (same as entered for the IP400 in step 2)

Outbound Caller ID: (leave this field blank)

Call Limit: 2 (number of lines attached to the IP400)

Leave the rest of the fields at their defaults or change them in accordance with your system.

Name	<input type="text" value="gateway"/>
User Type	<input type="text" value="friend"/>
DTMF Mode	<input type="text" value="auto"/>
Host	<input type="text" value="dynamic"/>
Register	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Custom <input type="text"/>
Auth	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Custom <input type="text"/>
Username	<input type="text" value="gateway"/>
Secret	<input type="text" value="gateway"/>
Outbound CallerID	<input type="text"/>
Call Limit	<input type="text" value="2"/>