

# Setting-Up SPA3000 as PSTN Gateway of SPA9000

Document ID: 108821

## Contents

### Introduction

How do I set up SPA3000 as PSTN Gateway of SPA9000?

#### Related Information

[Related Cisco Support Community Discussions](#)

## Introduction

This article is one in a series to assist in the setup, troubleshooting, and maintenance of Cisco Small Business products (formerly Linksys Business Series).

### Q. How do I set up SPA3000 as PSTN Gateway of SPA9000?

A.

In this article, call from POTS should go automatically to Auto Attendant and to dial out to POTS from any phone registered to the SPA9000. Just dial the User-ID on the SPA3000's PSTN Line (103).

*Note:* This article assumes that you have this setup: Internet -----SPA9000 (with analog phone on FXS 1-----SWITCH-----SPA IP phone and SPA3000 (PSTN Line connected to FXO port).

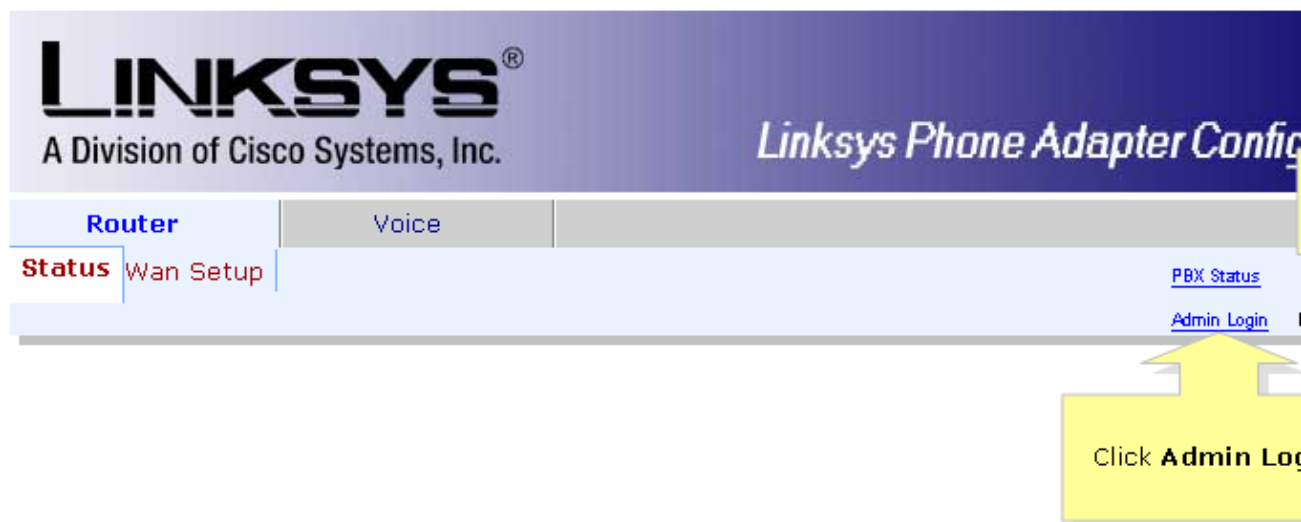
### Configuring SPA9000

#### Step 1:

Access the SPA9000 web-based setup page. For Instructions, click here.

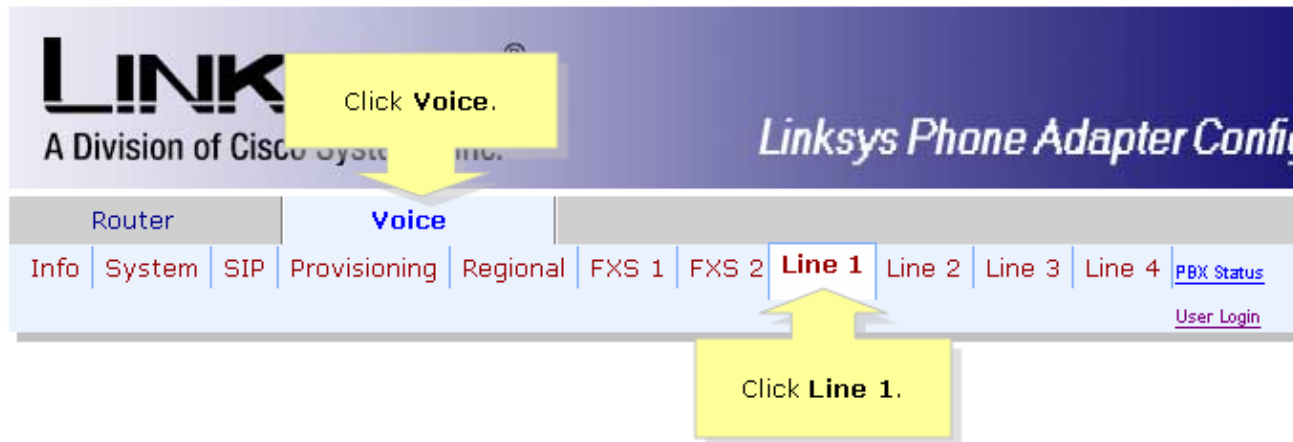
#### Step 2:

Click *Admin Login* then *Advanced*.



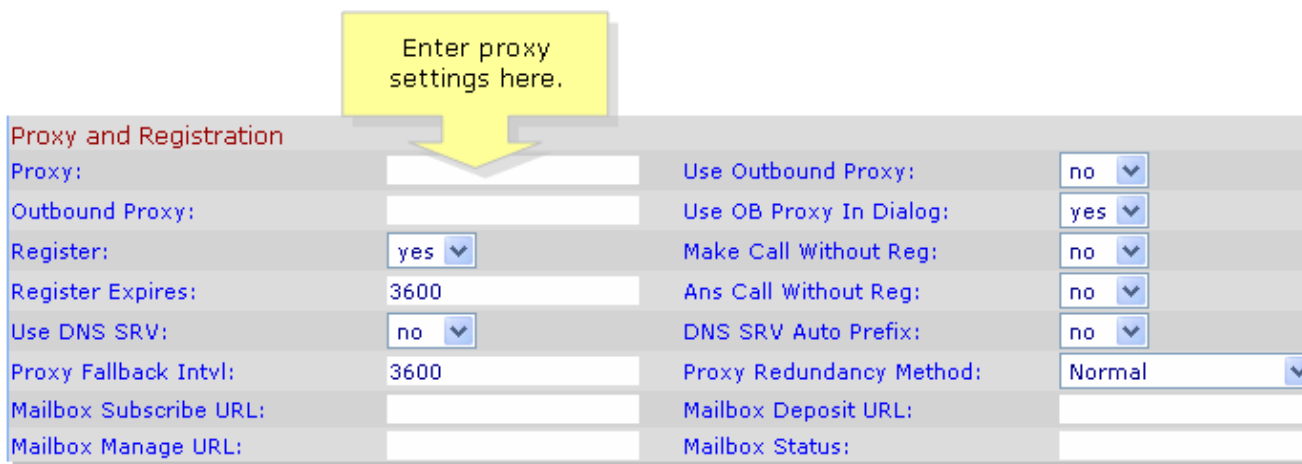
**Step 3:**

Click *Voice* then *Line 1*.



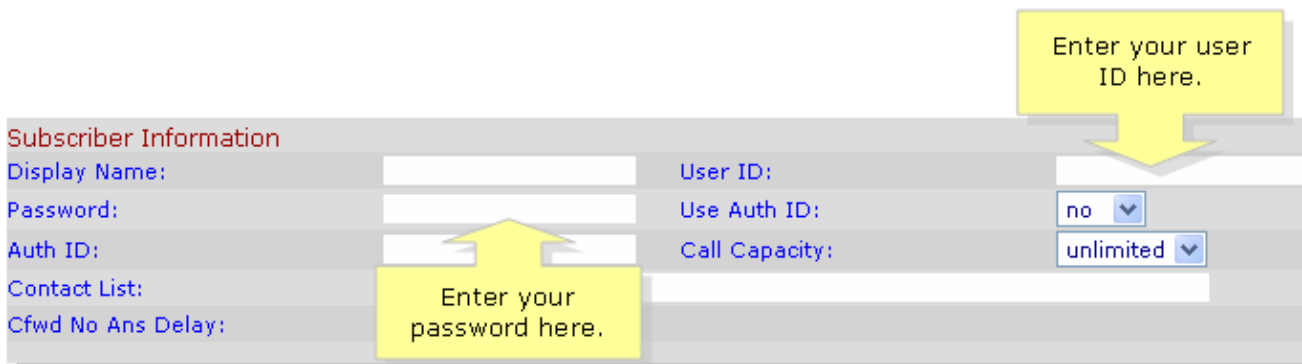
**Step 4:**

Under *Proxy and Registration* look for *Proxy* and enter your proxy settings from your VOIP provider.



**Step 5:**

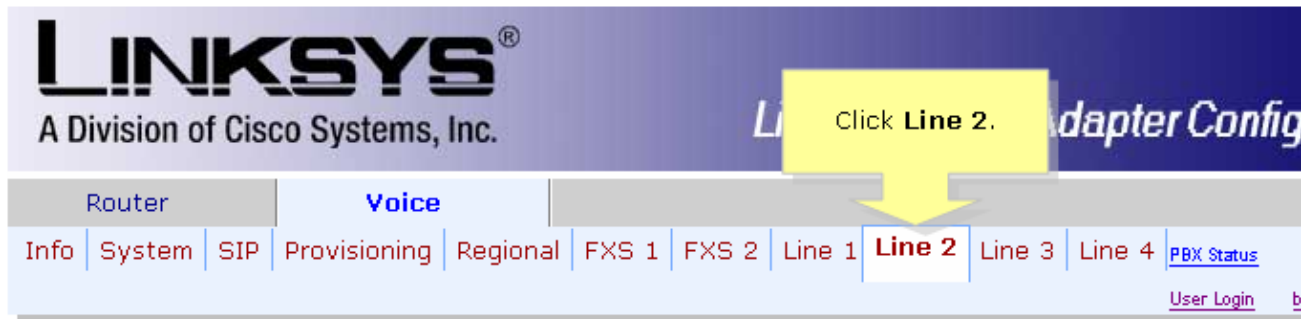
Under *Subscriber Information* look for *User ID* and *Password* and enter your user ID and password from your VOIP provider.



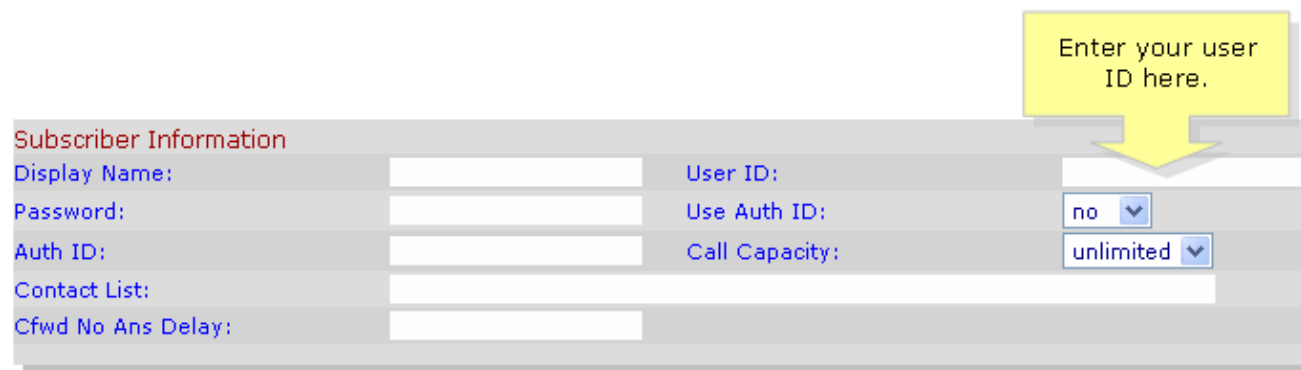
**Step 6:**

Click

**Step 7:**  
Click *Line 2*.



**Step 8:**  
Under *Subscriber Information* look for *User ID* and enter your user ID.



**Step 9:**

Click .

## Configuring SPA3000

**Step 1:**

Access the SPA3000 web-based setup page. For Instructions, click here.

**Step 2:**

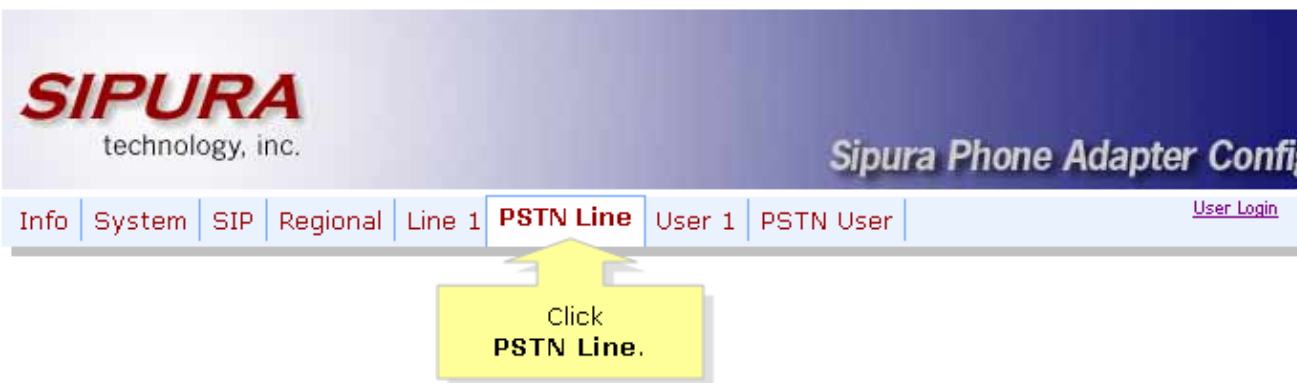
Click *Admin Login* then *Advanced*.



**Step 3:**  
Click *Admin Login* then *Advanced*.



**Step 4:**  
Click *PSTN Line*.



**Step 5:**  
Under *Proxy and Registration* look for *Proxy* and manually enter your proxy server.

Enter your proxy server here.

Proxy and Registration			
Proxy:	<input type="text"/>	Register:	yes ▾
Make Call Without Reg:	no ▾	Register Expires:	3600
Ans Call Without Reg:	no ▾		

**Step 6:**

Under **Subscriber Information** look for **User ID** and manually enter your user ID.

Enter your user ID here.

Subscriber Information			
Display Name:	<input type="text"/>	User ID:	<input type="text"/>
Password:	<input type="text"/>	Use Auth ID:	no ▾
Auth ID:	<input type="text"/>		

**Step 7:**

Under **FXO Timer Values (sec)** look for **PSTN Ring Thru CWT Delay** and **PSTN Answer Delay** set it to zero.

Enter "0" on this field.

FXO Timer Values (sec)			
VoIP Answer Delay:	0	VoIP PIN Digit Timeout:	<input type="text"/>
PSTN Answer Delay:	0	PSTN PIN Digit Timeout:	<input type="text"/>
PSTN-To-VoIP Call Max Dur:	0	PSTN Ring Thru Delay:	0
VoIP-To-PSTN Call Max Dur:	0	PSTN Ring Thru CWT Delay:	0
VoIP DLG Refresh Intvl:	0	PSTN Ring Timeout:	0
PSTN Dialing Delay:	0	PSTN Dial Digit Len:	0

Enter "0" on this field.

**Step 8:**

Under **PSTN-To-VoIP Gateway Setup** look for **PSTN Ring Through Line 1** and select **no** then look for **PSTN Caller Default DP** and select **2**.

**Select no.**

**Select 2.**

<b>PSTN-To-VoIP Gateway</b>	
PSTN-To-VoIP Gateway Enabled:	<input type="button" value="no"/>
PSTN Ring Thru Line 1:	<input type="button" value="no"/>
PSTN CID For VoIP CID:	<input type="button" value="no"/>
PSTN Caller Default DP:	<input type="button" value="2"/>
PSTN Caller ID Pattern:	<input type="text"/>
PSTN Access List:	<input type="text"/>
PSTN Caller 1 PIN:	<input type="text"/>
PSTN Caller 2 PIN:	<input type="text"/>
PSTN Caller 3 PIN:	<input type="text"/>
PSTN Caller 4 PIN:	<input type="text"/>
PSTN Caller 5 PIN:	<input type="text"/>
PSTN Caller 6 PIN:	<input type="text"/>
PSTN Caller 7 PIN:	<input type="text"/>
PSTN Caller 8 PIN:	<input type="text"/>
PSTN Caller Auth Method:	<input type="button" value="none"/>
PSTN PIN Max Retry:	<input type="text"/>
PSTN CID Number Prefix:	<input type="text"/>
PSTN CID Name Prefix:	<input type="text"/>
PSTN Caller 1 DP:	<input type="button" value="1"/>
PSTN Caller 2 DP:	<input type="button" value="1"/>
PSTN Caller 3 DP:	<input type="button" value="1"/>
PSTN Caller 4 DP:	<input type="button" value="1"/>
PSTN Caller 5 DP:	<input type="button" value="1"/>
PSTN Caller 6 DP:	<input type="button" value="1"/>
PSTN Caller 7 DP:	<input type="button" value="1"/>
PSTN Caller 8 DP:	<input type="button" value="1"/>

**Step 9:**

Under *Dial Plans* set on *Dial Plan 2* as (S0<:103>).

**Enter "(S0<:103>)" on this field .**

<b>Dial Plans</b>	
Dial Plan 1:	(xx.)
Dial Plan 2:	(S0<:103>)
Dial Plan 3:	(xx.)
Dial Plan 4:	(xx.)
Dial Plan 5:	(xx.)
Dial Plan 6:	(xx.)
Dial Plan 7:	(xx.)
Dial Plan 8:	(xx.)

**Step 10:**

Click .

## Related Information

- [Technical Support & Documentation – Cisco Systems](#)