INTUITIVE VOICE
TECHNOLOGY

Linksys
Desktop Phone Setup
User Guide

Version 1.0

**Updated
4/29/2008**

Overview
This guide provides an overview of setting up and provisioning a Linksys phone.

General Support
If you have questions or need technical assistance with Evolution PBX call (888) 587-5750 or send an Email to support@intuitivevoice.com.
If you have questions about third party hardware or software please visit the following Websites:

- Snap: http://www.snapanumber.com.
- iView: http://www.i9technologies.com/.
- Cisco VoIP Telephones: http://www.cisco.com.
- CounterPath Software Telephones - http://www.counterpath.com.
- Digium PCI Cards: http://www.digium.com.
- Linksys Analog Terminal Adapters and VoIP telephones: http://www.linksys.com.
- Polycom VoIP Telephones: http://www.polycom.com.

My Evolution PBX Doesn't Do That!
Some features and configuration options in this document may only be available with a recent software upgrade available from Intuitive Voice Technology. Email support@intuitivevoice.com to learn more about Evolution PBX upgrades (please explain the feature that you are interested in).

Errata
Please report errors or confusing descriptions by sending an Email to support@intuitivevoice.com.

Setting Up a Linksys Phone in Evolution PBX

To Set up a Linksys Phone in Evolution PBX

1. Login to **Evolution**, Click the **Resources** tab, click **Phone Extensions** then click on the **Select Type** field and select **VoIP – GENERIC SIP**.
2. In the **Extension** drop down, select an extension.
3. In the **Caller ID Name** field, enter a name to be displayed on caller ID for this extension.
4. In the **Caller ID Number** field, enter a number that will be displayed on caller ID for this extension.
5. In the **Record Calls** field, select **Yes** to record all calls made on this extension or **No** to disable this feature.
6. In the **Parent Extension** field, select **Master** (available on the platinum version of Evolution PBX).
7. In the **MAC Address** field, enter the MAC address from the back of the phone configured for this extension.
8. In the **Mailbox** field, select **Personal** to create a personal mailbox for this extension.
9. In the **Time Zone** field, select your time zone.

10. Complete all other optional fields with the appropriate information then click **Save** and the new extension displays in the Phone Extensions List window and details about your new generic extension display in the Device Settings for (extension) window.
    Note: Write this information down or print this page as this information will be used later to configure your phone.

Provisioning a Linksys Phone

To Provision a Linksys Phone

1. Click the **Page** button on your phone then dial **9** to acquire the IP Address and begin provisioning the phone.
2. Enter this IP Address of your phone into the Address bar of your local Web browser and the Info tab of the basic window displays.

3. Click **Admin Login** in the upper right corner then click **advanced** and the Info tab of the Advanced window displays.

System Information

DHCP:	DHCP	Current IP:	192.168.2.71
Host Name:	SipuraSPA	Domain:	
Current Netmask:	255.255.255.0	Current Gateway:	192.168.2.1
Primary DNS:	205.171.2.65		
Secondary DNS:	4.2.2.2		

Product Information

Product Name:	SPA-942	Serial Number:	88019FA10546
Software Version:	5.2.5	Hardware Version:	1.0.0(242c)
MAC Address:	000E08DCF619	Client Certificate:	Installed
Customization:	Open	Licenses:	None

Phone Status

Current Time:	4/29/2008 13:23:22	Elapsed Time:	12 days and 21:10:26
Broadcast Pkts Sent:	6	Broadcast Bytes Sent:	2052
Broadcast Pkts Recv:	2410453	Broadcast Bytes Recv:	504140979
Broadcast Pkts Dropped:	0	Broadcast Bytes Dropped:	0
RTP Packets Sent:	36259	RTP Bytes Sent:	5740912
RTP Packets Recv:	34062	RTP Bytes Recv:	5449920
SIP Messages Sent:	55910	SIP Bytes Sent:	23963502
SIP Messages Recv:	43000	SIP Bytes Recv:	21408482
External IP:		Operational VLAN ID:	n/a

Ext 1 Status

Registration State:	Registered	Last Registration At:	4/29/2008 12:45:39
Next Registration In:	538 s	Message Waiting:	No
Mapped SIP Port:			

Ext 2 Status

Registration State:	Registered	Last Registration At:	4/29/2008 13:11:28
Next Registration In:	2098 s	Message Waiting:	No
Mapped SIP Port:			

Ext 3 Status

Registration State:	Failed404	Last Registration At:	4/17/2008 15:18:51
Next Registration In:	713 s	Message Waiting:	No
Mapped SIP Port:			

Ext 4 Status

Registration State:	Not Registered	Last Registration At:	
Next Registration In:		Message Waiting:	No
Mapped SIP Port:			

Line 1 Call 1 Status

Call State:	Idle	Tone:	None
Encoder:		Decoder:	
Type:		Remote Hold:	
Callback:		Peer Name:	
Peer Phone:		Duration:	
Packets Sent:		Packets Recv:	
Bytes Sent:		Bytes Recv:	
Decode Latency:		Jitter:	
Round Trip Delay:		Packets Lost:	
Packet Error:		Mapped RTP Port:	
Media Loopback:			

4. Click the **Phone** tab then locate the General area.

5. In the **Voice Mail Number** field, enter ***97**.
6. Click the **Ext 1** tab then scroll down to the **Proxy and Registration** area.

7. In the **Proxy** field, enter the proxy address that displayed under the Device Settings for (extension) area when you created a generic extension in Evolution PBX.
8. In the Use **Outbound Proxy** drop down, select **No**.
   Note: These phones support 1, 2 4 or 6 different extensions depending on the type of phone you have. If you complete Ext 1 then you will see four line appearances for one extension on your phone. If you complete Ext 1 and Ext 2 then you will see two line appearances for each extension on your phone. If you provision Ext 1, Ext 2, Ext 3 and Ext 4 as separate extensions then you will see four separate extensions on your phone.
   Note: This is not supported on devices such as Polycom or Cisco Phones.

9. Scroll down to the **Subscriber Information** area.

1. Complete the fields below with the data that displayed under the Device Settings for (extension) area when you created a generic extension in Evolution PBX.
   a. In the **Display Name** field, enter the name to be displayed on caller ID.
   b. In the **User ID** field, enter the extension number.
   c. (Optional) In the **Use Auth ID** drop down, select **yes**.
   d. (Optional) In the **Auth ID** field, enter the extension number.
   e. In the **Password** field, enter the password generated earlier by Evolution PBX.
      Note: The password is in clear text until it has been saved into the phone. Once it has been saved into the phone, it defaults to ***********.
   f. In the **Proxy** field, enter the IP Address of Evolution PBX.
   g. Click **Submit All Changes**.

The phone will reboot and the line appearances will appear green signaling that the extension(s) have been registered with Evolution PBX.