

# Using CounterPath X-Lite with Virtual PBX - PC

# **Installing X-Lite**

- Exit any software applications that use sound such as CD and media players.
- Run the setup executable file.
- Follow the prompts offered by the install wizard. Note: You must accept the license agreement to install X-Lite.
- Select Launch X-Lite at the final step of the wizard to start using the softphone.
- Click Finish to complete the installation.
- You may need to restart Windows in order to use X-Lite.

# **Running X-Lite**

- Click the Start button.
- Select Programs.
- Select the folder labeled X-Lite (or whatever you chose as the Start Menu Folder during the installation).
- Select X-Lite.

#### X-Lite Audio

Since X-Lite is a software telephone application, you will require both speaker and microphone devices to make calls. Any of the following configurations are acceptable:

- External speakers and microphone (requires a full-duplex sound adapter)
- Dual-jack multimedia headset (requires a full-duplex sound adapter) -
- Built in microphone and speakers (requires a full-duplex sound adapter)
- USB multimedia headset
- USB phone

# Virtual PBX <sup>®</sup>

# **X-Lite Overview**

The X-Lite dial pad, along with its various controls and indicators, is shown below.



# **Configuring X-Lite**

In order to use the Virtual PBX service with X-Lite you have to configure it using the following steps.

Start X-Lite. If this is the first time you have used X-Lite then the "Sip Accounts" screen will appear. Otherwise, click on the **Softphone** button and choose **Account Settings** shown below.

SIP Account
Account Voicemail Topology Presence Transport Advanced
Account name: Account 1
Protocol: SIP
Allow this account for
✓ Call ✓ IM / Presence
User Details
* User ID:
* Domain:
Password:
Display name:
Authorization name:
C Domain Proxy
Register with domain and receive calls
Send outbound via:
Domain
Proxy Address:
Dial plan: (#1\a\a.T;match=1;prestrip=2;
OK Cancel

VirtualPBX.Com | 111 N. Market St., Suite 1000, San Jose, CA 95113 | toll free: (888) 825-0800 | fax: (888) 825-0800 VirtualPBX is a registered trademark of VirtualPBX.com, Inc.

All other trademarks and copyrights are property of their respective owners. All rights reserved.

Rev. 2.3: July 28, 2011



#### In the General tab:

- 1. Name the Account (for instance, Virtual PBX, as below).
- 2. Disable **IM/Presence**.
- 3. Enter your VoIP Phone Username in the User ID, Display name and Authorization name fields.
- 4. Enter "virtualpbx.net" in the **Domain** field.
- 5. Enter your VoIP Phone Password in the **Password** field.
- 6. Enable Register with domain and receive calls.
- 7. Enable "Send outbound via" to use Domain.

SIP Account	8
Account Voicemail Topology Presence Transport Advanced	
Account name: Virtual PBX	
Protocol: SIP	
Allow this account for	
Call IM / Presence	
User Details	
* User ID: 4086278091	
Domain: (virtualpbx.net	
Password:	
Display name: (4086278091	
Authorization name: 4086278091	
C Domain Proxy	
Register with domain and receive calls	
Send outbound via:	
Domain	
Proxy Address:	
Dial plan: (#1\a\a.T;match=1;prestrip=2;	
	OK Cancel

#### In the Voicemail tab:

1. Disable "Check for voicemail".

P Accoun	t		_	_			8
Account	Voicemail	Topology	Presence	Transport	Advanced		
Check	for voicemail						
				0 sec			
						OK	Cancel

VirtualPBX.Com | 111 N. Market St., Suite 1000, San Jose, CA 95113 | toll free: (888) 825-0800 | fax: (888) 825-0800 VirtualPBX is a registered trademark of VirtualPBX.com, Inc.

All other trademarks and copyrights are property of their respective owners. All rights reserved.



#### In the Topology tab:

- 1. Set Firewall traversal method to Auto-detect firewall traversal method using ICE.
- 2. Enable Range of ports used on local computer and set the values to 10000-25000.

SIP Account	t					8
Account	Voicemail	Topology	Presence	Transport	Advanced	
Firewal	I Traversal -	athod:				
()	Auto-detect	firewall trav	ersal metho	d using ICE (	(recommended)	
ŏ	Discover pu	blic IP addre	ess (STUN)			
	Use media i	elay (TURN	)			
	None (use l	ocal IP addre	ess)			
Serve	r address:					
	(T	o use domai	n server, lea	ve Server Ad	idress blank)	
U! U!	ser name:			$\leq$		
F	Password:					
Range	e of ports use	ed on local c	omputer:	10000 - (	25000	
						OK Cancel

In the Presence tab, no changes are needed.

SIP Account	8
Account Voicemail Topology Presence Transport Advanced	
Presence	
Mode: Peer-to-peer	
Poll time: 300 seconds	
Refresh interval: 3600 seconds	
ОК	Cancel



#### In the Transport tab:

1. Verify that "Signaling transport" is set to Automatic.

SIP Account					8
Account Voicemail	Topology	Presence	Transport	Advanced	
Signaling transport:	Automatic		▼		
					OK Cancel

In the Advanced tab, no changes are needed.

SIP Account	Û
Account Voicemail Topology Presence Transport Advanced	
Register Settings	
Reregister every: 3600 seconds	
Minimum time: 20 seconds	
Maximum time: 1800 seconds	
_ Timers	
Enable session timers	
Session timer preference: None	
Default session time: 60 seconds	
C Hold method	
Handle hold request in M-line only (latest standard)	
Handle hold request in M-line and C-line (old standard)	
Send SIP keep-alives	
Send outgoing request directly to target	
	OK Cancel



# **Calling with X-Lite**

# Making a call

- 1. Open X-Lite.
- 2. Allow it to detect network and login this will take a few seconds check the Call Status for "Available".
- 3. Enter the phone number using your keyboard, or with your mouse using the numeric keypad on X-Lite.
- 4. Click the Call or press return.



# Ending a call

- 1. To end a call, click the Hang up button.
- 2. As with traditional calls, a call is also brought to an end when the other party hangs up.

# Answering a call

- 1. X-Lite must be running to answer an incoming call.
- 2. X-Lite will ring like a traditional telephone.
- 3. To answer the call, click the green Dial button.