

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

X-Lite Overview

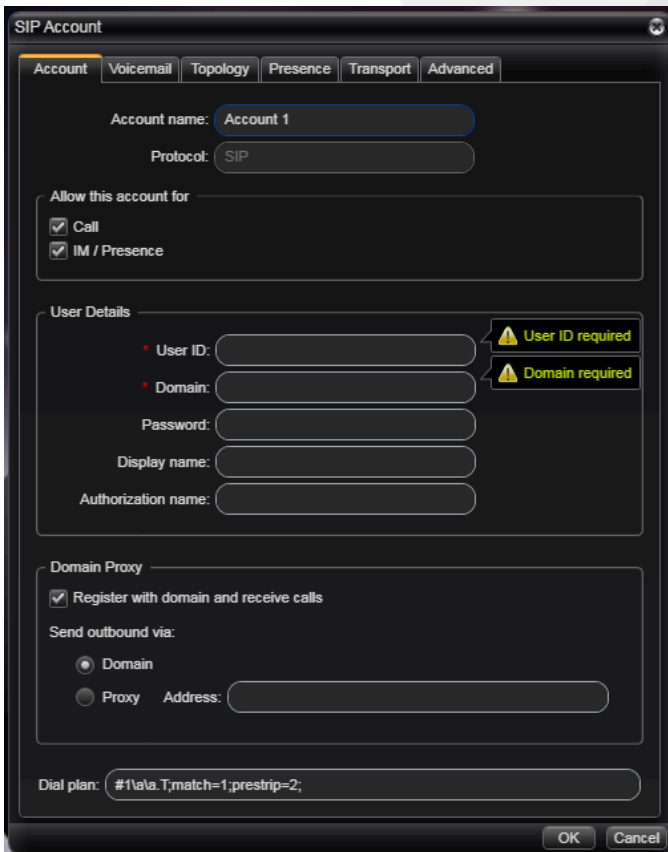
The X-Lite dial pad, along with its various controls and indicators, is shown below.



Configuring X-Lite

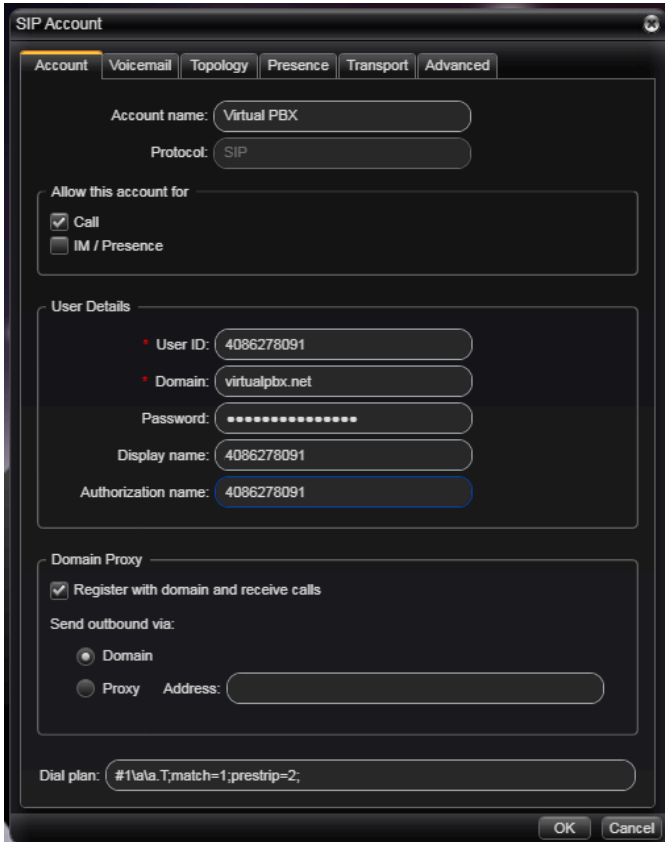
In order to use the Virtual PBX service with X-Lite you have to configure it using the following steps.

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.



In the General tab:

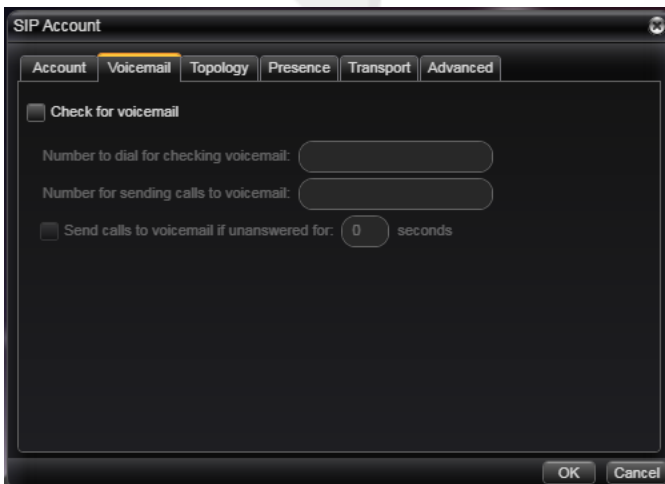
1. Name the **Account** (for instance, Virtual PBX, as below)
2. Disable **IM/Presence**
3. Enter your VoIP Phone Username in the **User ID**, **Display name** and **Authorization name** fields
4. Enter "virtualpbx.net" in the **Domain** field
5. Enter your VoIP Phone Password in the **Password** field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



The screenshot shows the 'SIP Account' configuration window with the 'General' tab selected. The 'Account name' is 'Virtual PBX' and the 'Protocol' is 'SIP'. Under 'Allow this account for', 'Call' is checked and 'IM / Presence' is unchecked. In the 'User Details' section, 'User ID' is '4086278091', 'Domain' is 'virtualpbx.net', 'Password' is masked with dots, 'Display name' is '4086278091', and 'Authorization name' is '4086278091'. In the 'Domain Proxy' section, 'Register with domain and receive calls' is checked, and 'Send outbound via' is set to 'Domain'. The 'Dial plan' is '#1!a.T,match=1,prestrip=2;'. 'OK' and 'Cancel' buttons are at the bottom.

In the Voicemail tab:

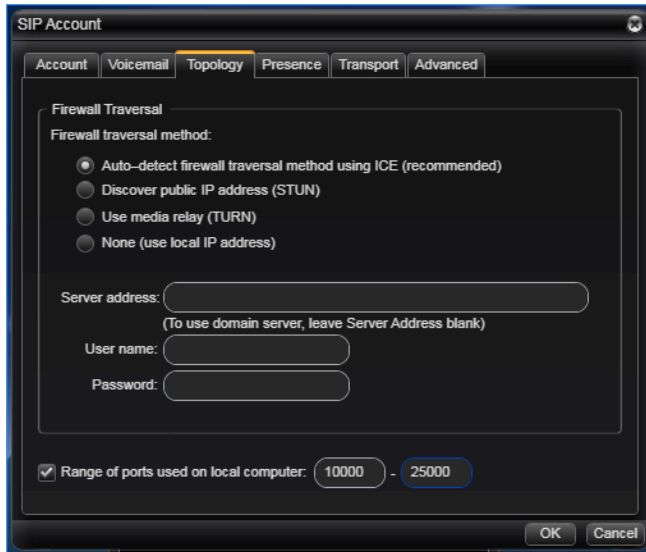
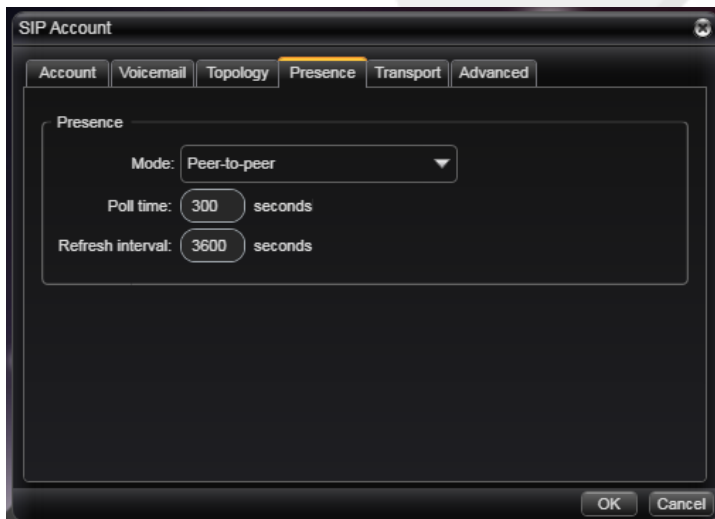
1. Disable "Check for voicemail".



The screenshot shows the 'SIP Account' configuration window with the 'Voicemail' tab selected. The 'Check for voicemail' checkbox is unchecked. Below it are fields for 'Number to dial for checking voicemail:', 'Number for sending calls to voicemail:', and 'Send calls to voicemail if unanswered for: 0 seconds'. 'OK' and 'Cancel' buttons are at the bottom.

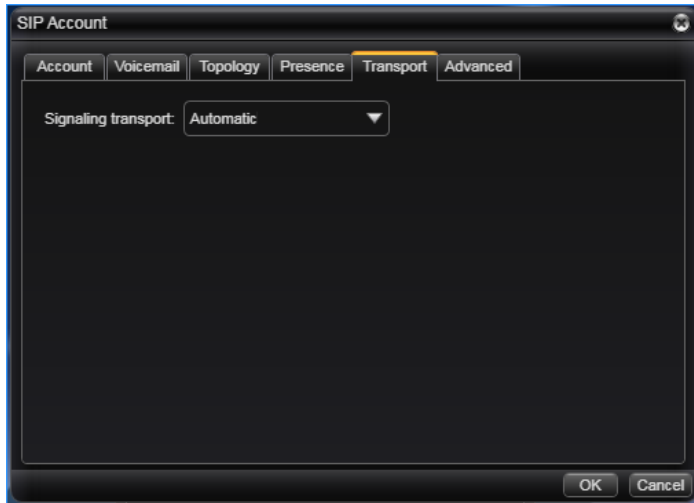
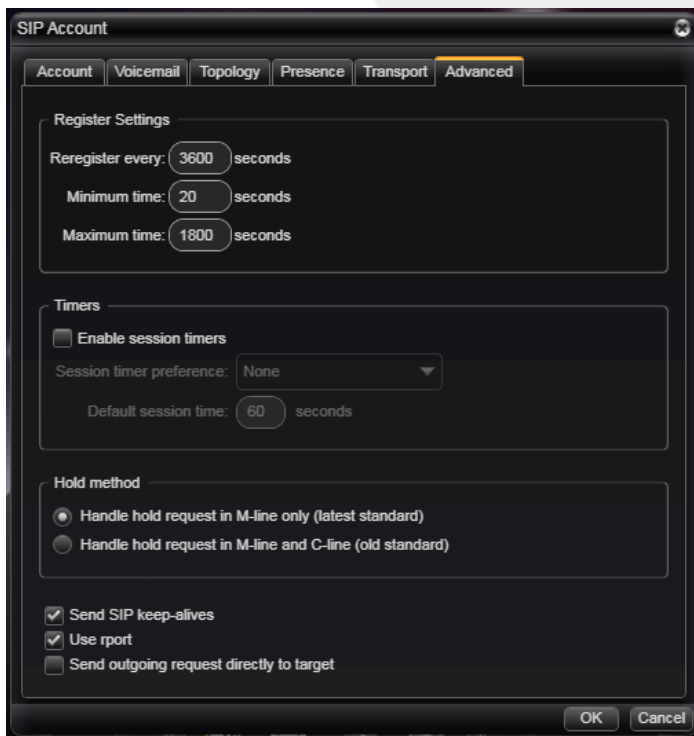
In the Topology tab:

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**.

**In the Presence tab, no changes are needed.**

In the Transport tab:

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

**In the Advanced tab, no changes are needed.**

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.