INSTALLATION (WINDOWS)

Download the X-Lite software from: [http://www.counterpath.com](http://www.counterpath.com)

double click the set up icon to start installation, follow the instructions of the Welcome wizard.

To continue click on Next>

To the License Agreement, click on

I Accept the agreement

To continue click on Next>

To the Select Destination Location, accept the default installation directory or choose another one

To continue click on Next>
To the **Select Additional Tasks**, select/deselect options as desired then

*To continue click on [Next]*

**N.B.** *Selecting “Launch the application...”, X-Lite starts at Windows startup*

Installation is completed. Check the

*Launch X-Lite*

and click on [Finish] to automatically run the configuration phase
At the start of configuration **X-Lite** looks like that, click on the arrow key → to show the **SIP Account Setting**...

**N.B.** “The SIP Accounts Setting” window is automatically shown at first start up”

At **SIP Accounts**, click on to set properties to the account 1

Under the **Properties of Account 1**, in the **Account** tab, complete the fields as shown

**User Details**
- Display Name¹ (extension) | XNNN
- User name² | john.smith
- Password³ (registration code) | xxxxxxxxx
- Authorization user name
- Domain⁴ | unitn.it

**Domain Proxy**
- Register with domain and receive incom...

**Send outbound via:**
- ○ domain
- ● proxy Address | sip.unitn.it

1 customizable field (extension is suggested);
2 for UniTn users, the username is the first part of the University's e-mail (usually firstname.lastname@unitn.it); for users from other institutions if you are unsure ask to the office phone (0461 28 2943 – phone@unitn.it);
3 for UniTn users, **registration code** must be set by accessing MyVoip-pages (https://www4.unitn.it/Voip/it/Myunitn); for users from other institutions ask to the office phone (0461 28 2943 – phone@unitn.it);
4 for UniTn users, domain is unitn.it; for cosbi users domain is cosbi.eu

Click on the **Topology** tab
Still in the **Properties of Account 1** window, click on the **Topology** tab, complete the fields as shown:

**Firewall Traversal**
- IP address
  - [ ] Discover global address
  - [x] Use local IP address

**STUN server**
- [ ] Discover server
- [ ] Use specified server

[ ] Enable ICE

**Port used on local computer**
- [ ] Manual specify range
- 0 0

**Xtunnels**
- [ ] Use XTunnels
  - Automatic

**Server address**
- sip.unitn.it

[ ] Use SIP user name and password

**Username**
- 

**Password**
- 

Click on [Apply] and then on [OK]

**Fields and checks in the **Voicemail** tab remain unchanged as shown:**

[ ] Check for the voice mail

Number to dial for checking...

Number for sending calls to...

[ ] Send calls to voice mail if ... [ ] seconds

**Forwarding**
- [ ] Always forward to...
- [ ] Forward to this when..
Fields and checks in the **Advanced** tab remain unchanged as shown:

Register Settings

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Register every</td>
<td>5600s</td>
</tr>
<tr>
<td>Min. time</td>
<td>20s</td>
</tr>
<tr>
<td>Max. time</td>
<td>180s</td>
</tr>
</tbody>
</table>

Advanced options

- **Send SIP keep-alives**
- **Use rport**
- **Enable session**
  - Default session time: 60s

Session Timer Preference: **None**

The window **SIP Accounts** now shows the inserted data. Click **Close** to complete the configuration phase.

If everything ok, when logged in to an account the Call display will show the **Ready** state and the **username**.
MAKE A CALL (WINDOWS)

To place a call enter the SIP address or number in the Call display using the softphone keypad or the computer keyboard. Click the designated icon to dial.

The call is placed and X-Lite attempts (Ringing) to make a connection. To hang up click the designated icon.

In response, the virtual display will show the Call established state and the indication of the duration of the call. To end the call click the designated icon.

To confirm end of call display will show the Hung up state, another call may be placed.