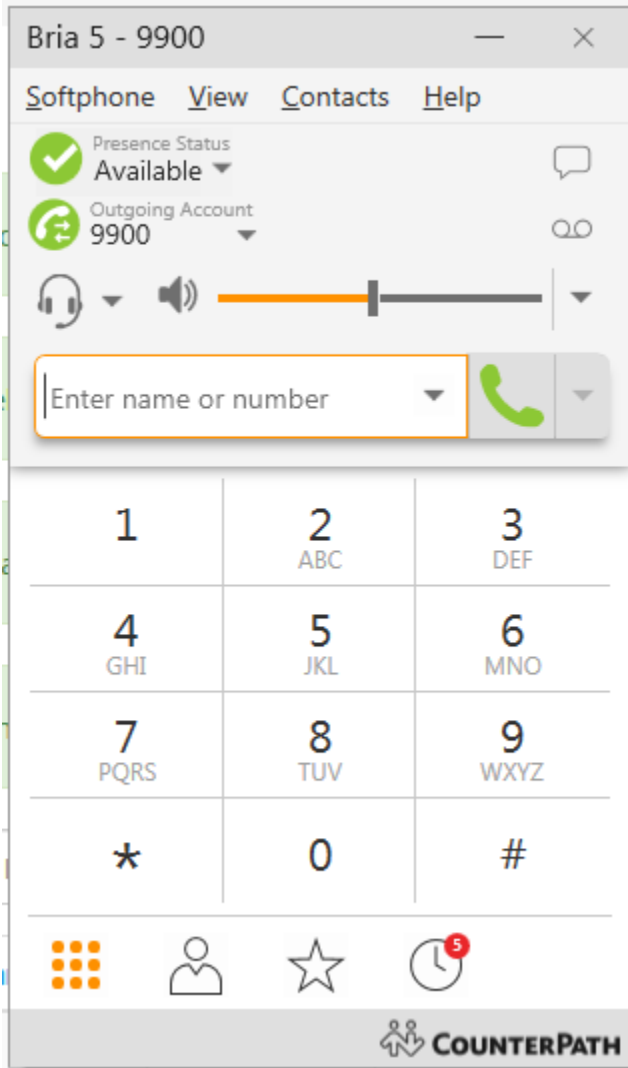
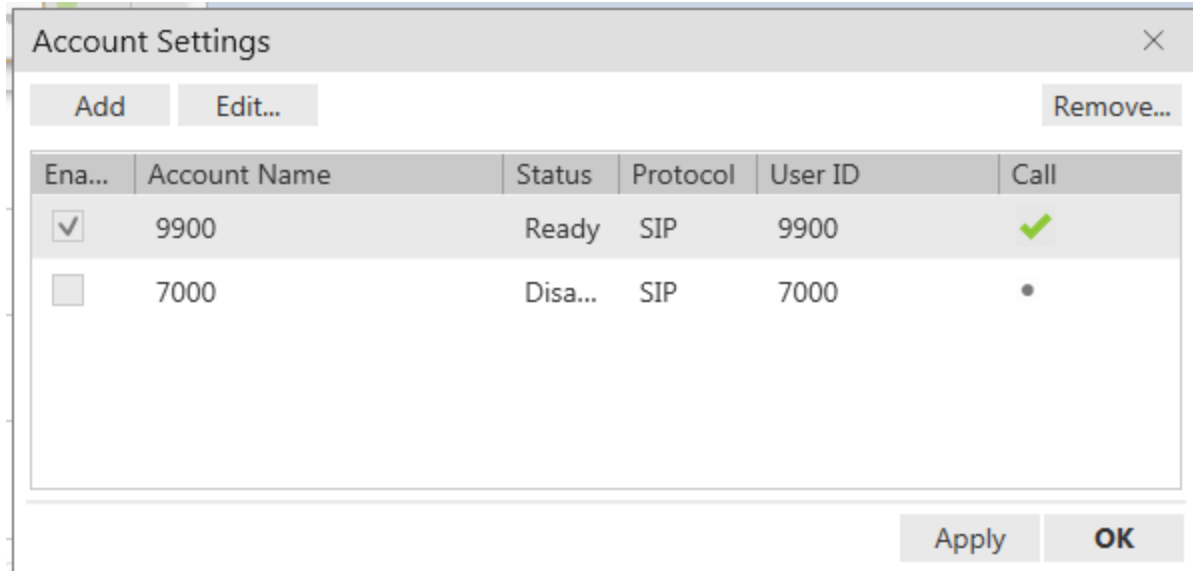


Our test was performed with a QuBePBX on extension 9900 includes TLS with the paid version of Counterpath's softphone.

Once the Bria 5 Counterpath is installed, below are the settings based off extension 9900:



Next you'll click on "Softphone" in the top left corner and click "Account Settings":



Then you're going to Click "Edit":

SIP Account ×

Account Voicemail Topology Presence Transport Advanced

Account name:

Protocol:

Allow this account for

Call

IM / Presence

User Details

* User ID:

* Domain:

Password:

Display name:

Authorization name:

Domain Proxy

Register with domain and receive calls

Send outbound via:

Domain

Proxy Address:

Dial plan:

Enter your account name,

In user details, enter ID, domain, password, display name and authorization name

Don't change Domain Proxy settings

Click "Topology" tab at the top:

The image shows a screenshot of the "SIP Account" dialog box, specifically the "Topology" tab. The dialog has a title bar with "SIP Account" and a close button. Below the title bar are tabs for "Account", "Voicemail", "Topology", "Presence", "Transport", and "Advanced". The "Topology" tab is selected and highlighted. The main content area is divided into three sections: "Firewall Traversal", "Port Ranges", and "Custom DNS".

Firewall Traversal

Firewall traversal method:

- Auto-detect firewall traversal method using ICE (recommended)
- Discover public IP address (STUN)
- Use media relay (TURN)
- None

Server address:

Username:

Password:

Port Ranges

Range of ports used for signaling -

Range of ports used for RTP Audio: -

Video: -

Custom DNS

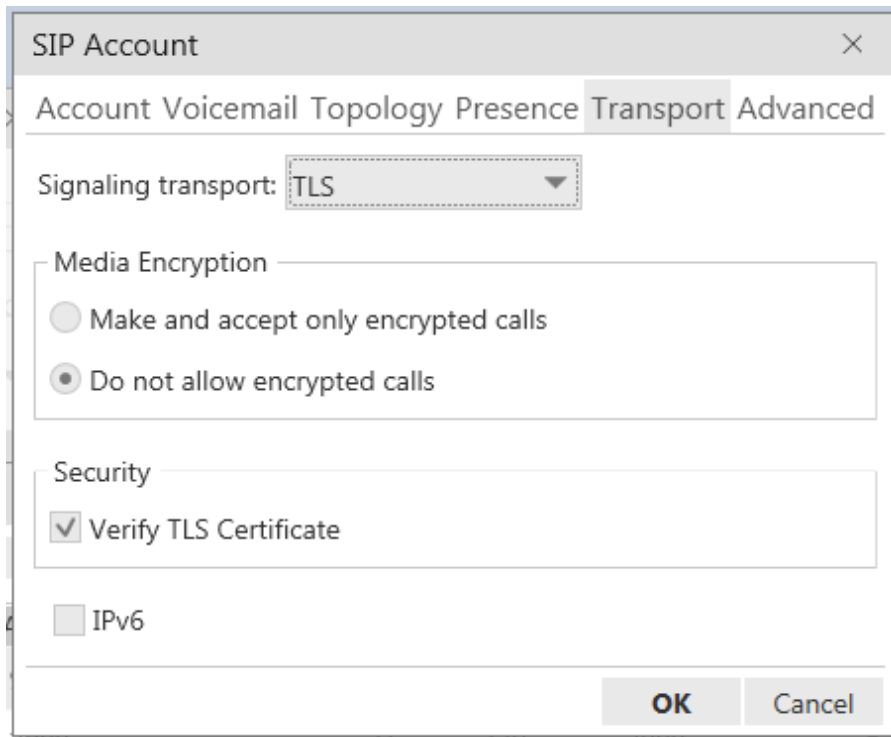
Server 1:

Server 2:

At the bottom right of the dialog are "OK" and "Cancel" buttons.

Set Firewall traversal method to STUN and put the server address as `stun.counterpath.com`

Click “Transport” tab at the top:



The image shows a screenshot of the "SIP Account" dialog box, specifically the "Transport" tab. The dialog has a title bar with "SIP Account" and a close button. Below the title bar are five tabs: "Account", "Voicemail", "Topology", "Presence", "Transport", and "Advanced". The "Transport" tab is selected and highlighted. The main content area contains several settings:

- "Signaling transport:" is a dropdown menu with "TLS" selected.
- "Media Encryption" section contains two radio buttons:
 - Make and accept only encrypted calls
 - Do not allow encrypted calls
- "Security" section contains a checked checkbox for "Verify TLS Certificate".
- There is an unchecked checkbox for "IPv6".

At the bottom right of the dialog are two buttons: "OK" and "Cancel".

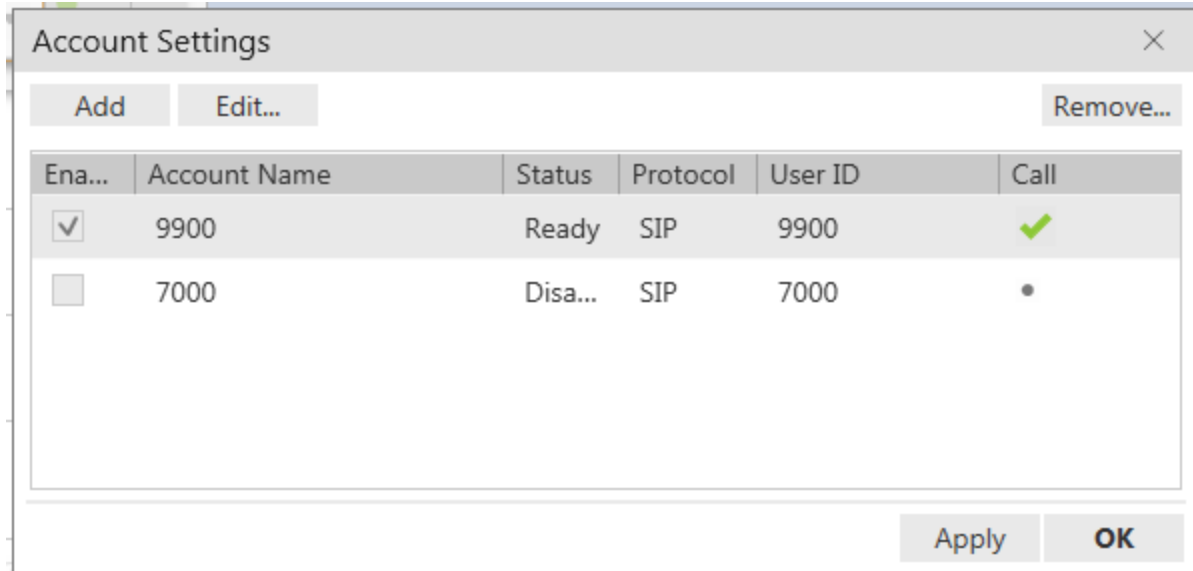
Choose the option “TLS” for the “Signaling Transport”

In the Media encryption setting, choose “Do not allow encrypted calls”

Check “Verify TLS Certificate”

Make sure “IPv6” setting is NOT CHECKED

Click “OK”:



Click "Apply" then click "OK"

If you have already installed the TLS certificate, the phone should now be registered and ready to use.

Else, check the TLS setup instructions to see how to install the certificate.