

## HOW TO USE A TUNNELING SERVER

VaxVoIP Tunneling Server works as proxy/bridge between VaxVoIP Phone SDK integrated software and SIP Server for both SIP & RTP packets.

It receives encrypted SIP & RTP packets, decrypt and forward them to the destination SIP Server, similarly it receives SIP & RTP packets from the SIP Server encrypt and forward them to the destination VaxVoIP integrated softphone.

It is really easy to configure VaxVoIP Tunneling Server by running it on a computer hosted outside VoIP blocked countries.

1. Download and run the VaxVoIP Tunneling Server software on a public IP assigned computer.  
  
<http://www.vaxvoip.com/PhoneSDK/Tunnel/Tunnel.zip>
2. That computer must be hosted outside the VoIP/SIP blocked countries.
3. Execute Tunneling Server.
4. Enter the IP address assigned to that computer as ListenIP.
5. Enter the Listen Port, it can be any port except SIP standard port (5060).
6. Enter the IP address and port of your SIP Server. That port can be SIP standard port (5060) or any port on which the destination SIP Server is running.
7. Click start button and server starts running.
8. On your VaxVoIP integrated softphone side, call an exported method CryptCOMM() and pass IP address and port of the Tunneling Server as function parameter values.
9. Compile and run it, enter your SIP account settings and start using it.

### **TEST USING SAMPLE CODE AVAILABLE ON OUR WEBSITE**

For testing, please download a sample code from our website, open it using development tool Visual Studio, xCode, Eclipse etc.

1. Compile and execute the sample code, on settings tab, enable tunneling by adding Tunnel-IP and Tunnel-Port of the computer on which Tunneling Server is running.
2. Enter SIP Account settings and click online button.
3. It registers successfully to the SIP Server through tunneling server.