

Internet Connection Sharing

Overview:

This tech note provides two possible methods to provide a wire internet connection to the PL-900 ListenWiFi server for initial setup. This can be useful when a wired internet connection is not available at your location, but you have a wireless internet connection to your laptop or smart phone. This wireless connection used can either be existing WiFi at your location, or from a smart phone using your data plan via the use of *mobile hotspot*. This is sometimes referred to as *Internet Connection Sharing* and is a provided service on most laptops.

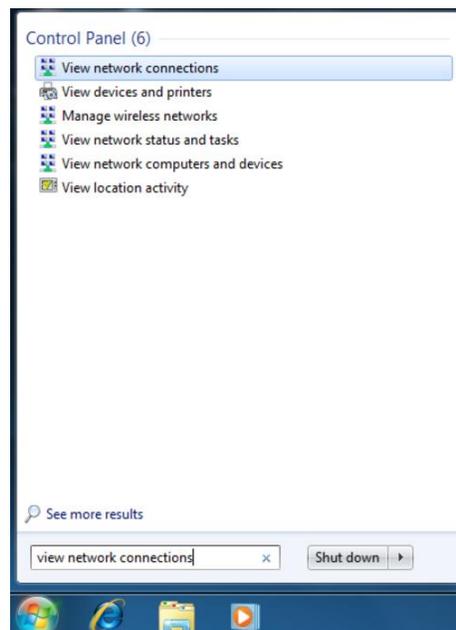
Note: During the activation of the PL-900 ListenWiFi Personal Listening server, a wired internet connection is required. If wired internet cannot be provided by your facility, and the ListenWiFi server has not been previously activated, the below methods can be used for online activation and configuration of the server.

Method 1 – Using a Wi-Fi Connection Via Laptop:

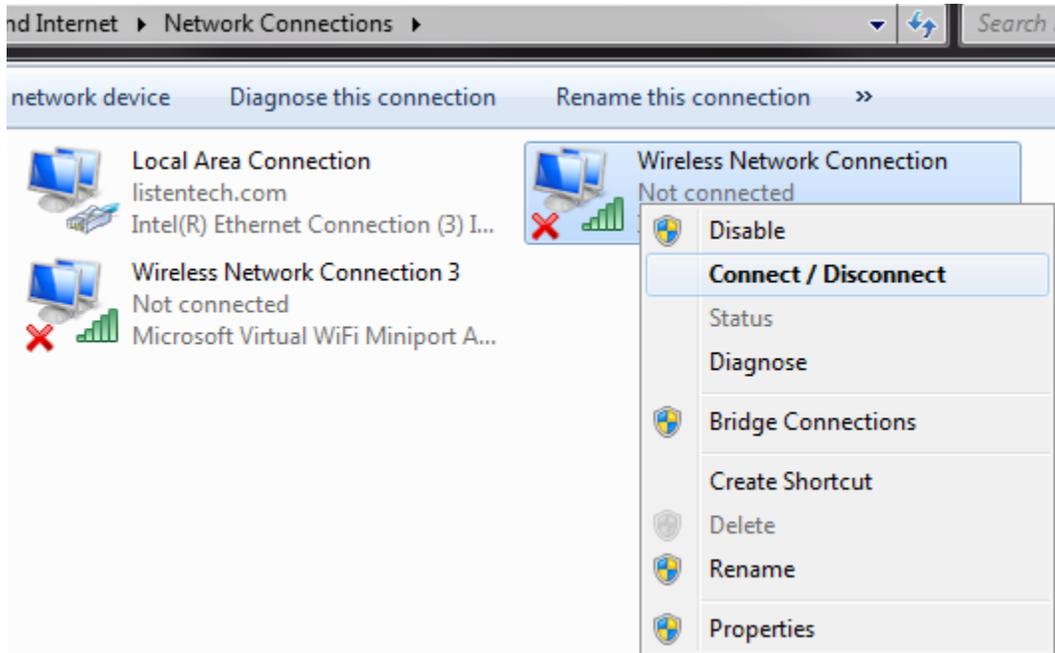
This method is recommended, as you will only need the following:

- Laptop
- Active Wireless Internet Connection
- CAT5/6 Ethernet Cable

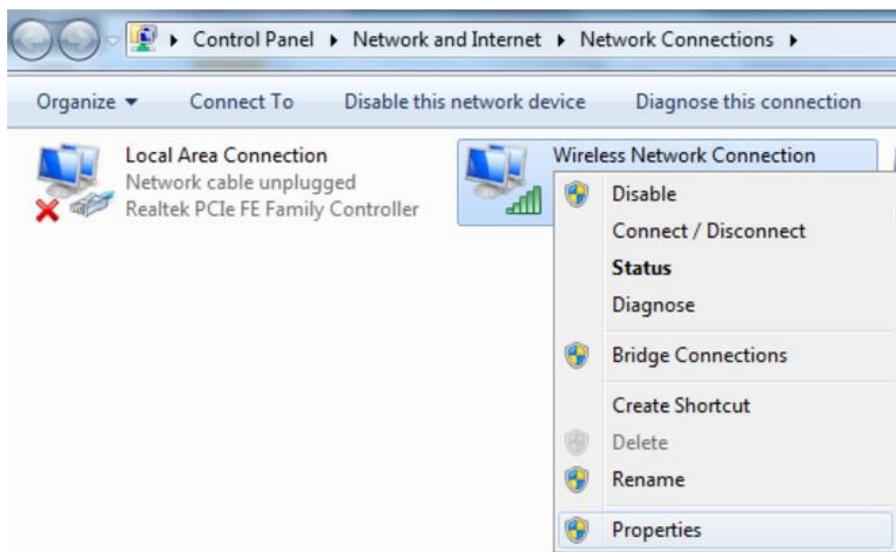
1. Click on the windows icon and type “view network connections”. Then hit “Enter”.



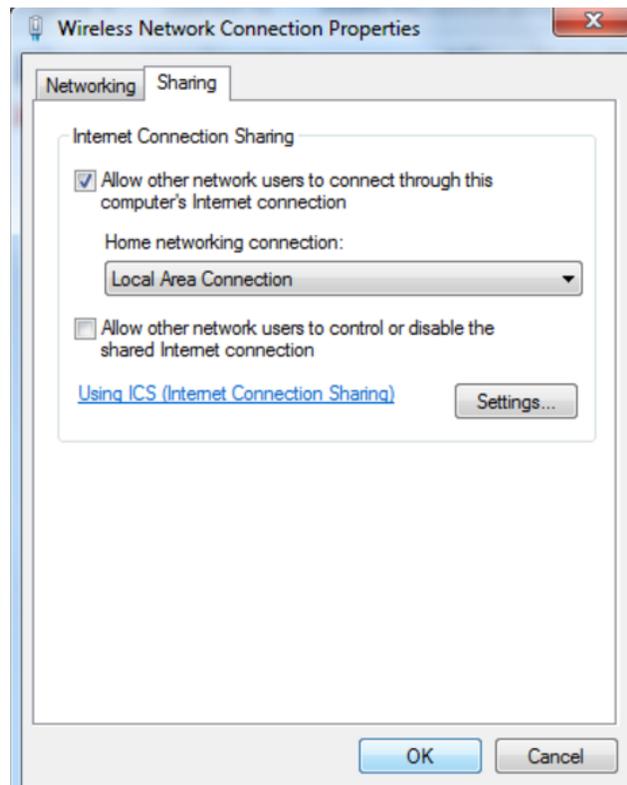
2. Right-click on your Wireless Network Connection and select Connect/Disconnect to connect to a Wi-Fi broadcast if not already connected.



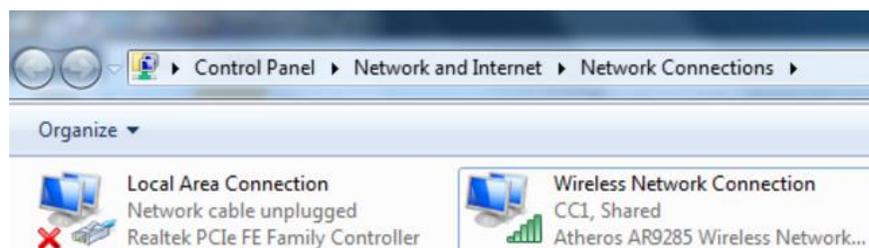
3. Right-click on your active wireless internet connection icon, then left-click on "Properties".



4. Click on the "Sharing" tab and check the top box, then choose "Local Area Connection" from the drop down under "Home networking connection:," and leave the last check box unchecked. Press OK at the bottom.



5. You will see "Shared" under your wireless connection to the internet. This allows you to provide wired internet from your computer's Ethernet port using a CAT5 cable.



6. Now you can connect an ethernet cable from your computer to a second device. Your internet that you are receiving via wireless connection will be shared with this second device. If connecting to a PL-900 ListenWiFi server for online activation, it is recommended you keep the connection to the internet for 5 minutes or more to allow activation and updates to complete.

Method 2 – Using a Data Connection Via Smartphone:

If you do not have a Wi-Fi signal available on your laptop, you can use your smartphone to provide a Hotspot Wi-Fi signal. This method requires the following:

- Smartphone with Hotspot or USB Tethering capabilities
- Active data connection on smartphone
- Laptop
- CAT5/6 Ethernet Cable

Set up your smartphone as a personal hotspot:

Apple Device:

1. Tap Settings and Cellular.
2. Tap Personal Hotspot and set Personal Hotspot to On.
3. Turn on Wi-Fi and Bluetooth.
4. Tap Wi-Fi Password and enter a suitable password.

Android Device:

1. From the Home Screen, select the Settings menu.
2. Select Wireless & Networks and then Tethering & Mobile Hotspot.
3. Tick the box next to Mobile Wi-Fi hotspot.
4. Tap Mobile Wi-Fi hotspot settings and you can edit the Wi-Fi network name, and choose a password.

Once you have your wireless hotspot enabled on your smartphone, you can now connect to this hotspot service on your laptop via Wi-Fi. Connecting to this wireless hotspot on your laptop, proceed with Method 1 (step 2 can be skipped) to provide wired internet access to a device, such as the PL-900 ListenWiFi server.

Should you have any further questions or concerns, please contact Listen Technologies' technical services team at 801.233.8992 or support@listentech.com for further assistance.