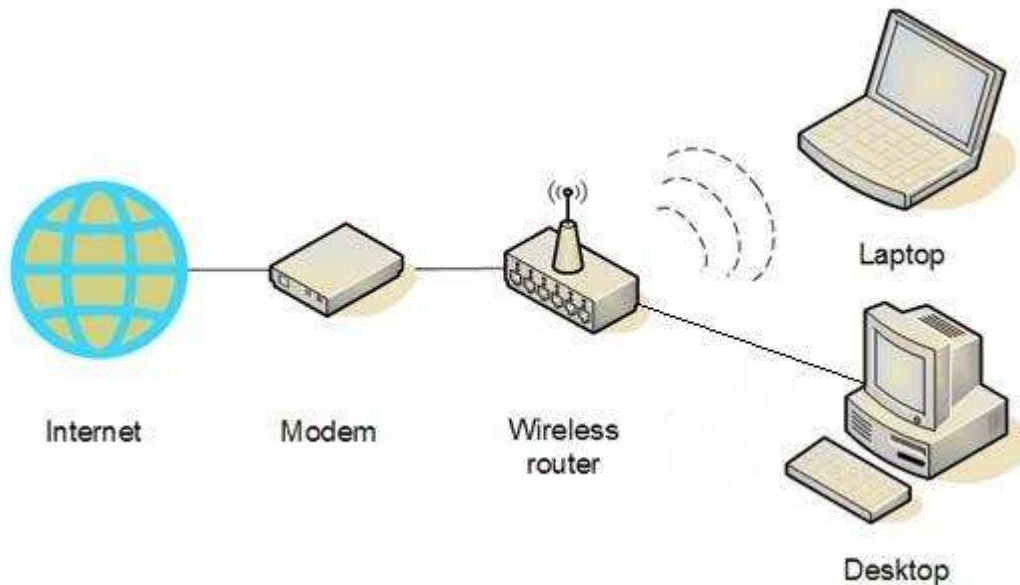


Prior to setting up a Wireless Home Network you need to have the following items:

1. Broadband Internet Connection (Comcast, Optimum Online, Verizon DSL...)
2. Wireless Router (3Com, D-Link, Linksys, Netgear...)
 - a. You want a wireless router, NOT a wireless access point
 - b. Get a router which supports 802.11g, because it offers excellent performance and is compatible with almost everything.
3. Computer with a built-in network card



Step 1: Unplug your cable modem or DSL modem in order to turn it off.

Step 2: Connect your wireless router to your cable modem. Your modem must stay connected directly to your ISP.

Step 3: If you have your LAPTOP connected directly to your modem: Unplug the network cable from the back of your laptop, and plug it into the port labeled Internet, WAN, or WLAN on the back of your wireless router.

If you have a DESKTOP computer directly connected to a modem: Unplug the network cable connected to the network card of your desktop, and plug this end of the cable into the Internet, WAN, or WLAN port on your wireless router (leave the other end plugged into the cable modem). Then, get a second cable and connect it from your desktop into the next available port on the wireless router.

If you don't have a DESKTOP computer connected to the Internet: Plug one end of a network cable (included with your router) into your desktop's network card, and plug the other end of the network cable into the Internet, WAN, or WLAN port on your wireless router.

Step 4: plug in and turn on your cable or DSL modem. Wait a few minutes to give it time to connect to the Internet, and then plug in and turn on your wireless router. After a minute, the Internet, WAN, or WLAN light on your wireless router should light up, indicating that it has successfully connected to your modem.

Step 5: Configure your wireless router. Connect to the wireless router using a network cable and then open your Internet Explorer browser and type in the address of your wireless router (see examples bellow). This step is also explained in your wireless routers documentation.

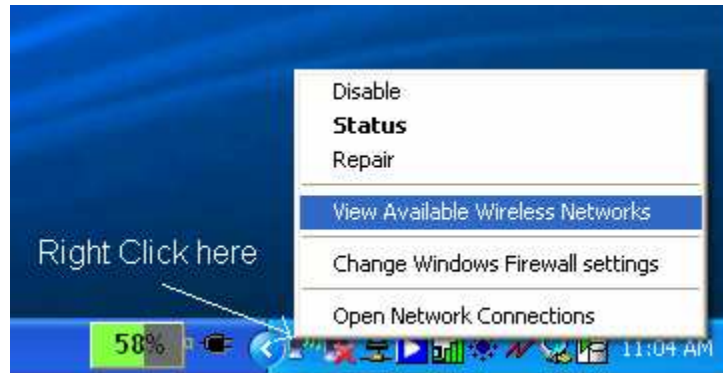
Router	Address	Username	Password
3Com	http://192.168.1.1	admin	admin
D-Link	http://192.168.0.1	admin	
Linksys	http://192.168.1.1	admin	admin
Microsoft Broadband	http://192.168.2.1	admin	admin
Netgear	http://192.168.0.1	admin	password

Under the configuration step you will need to do the following:

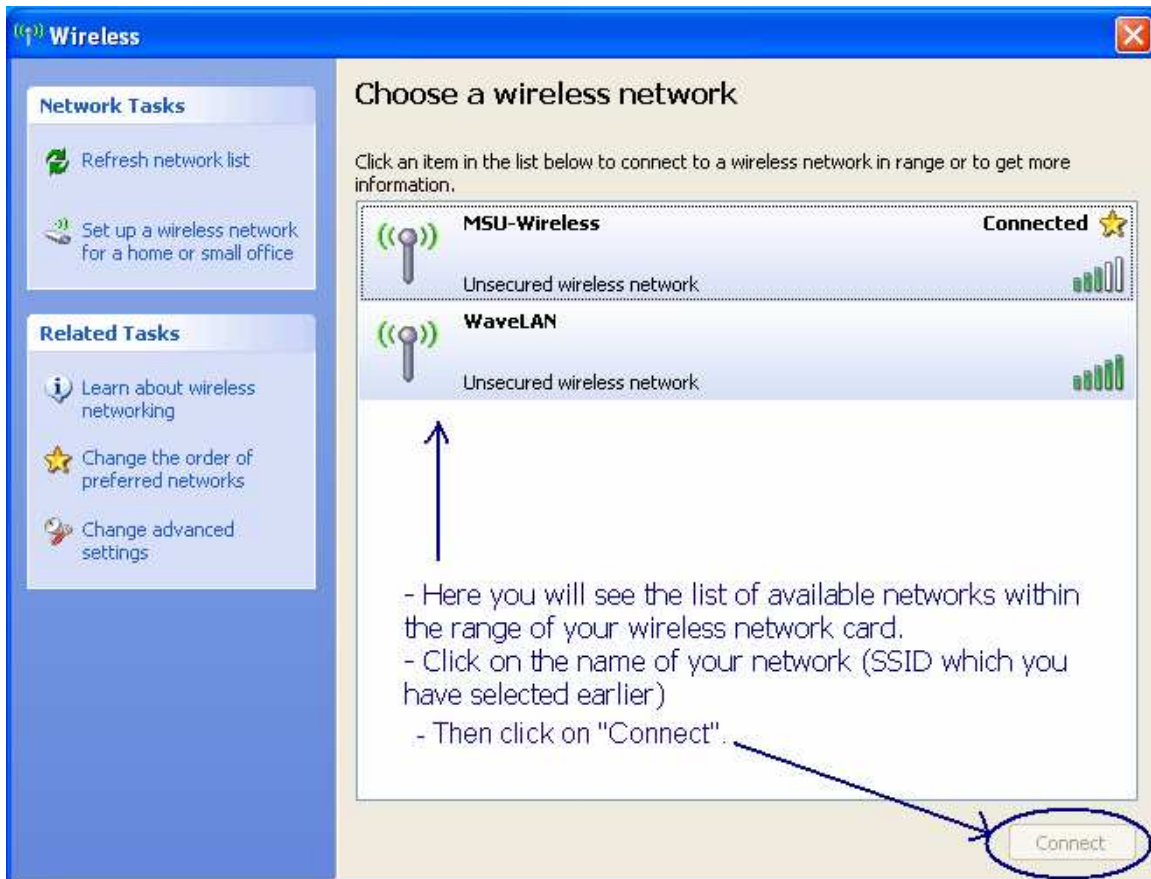
- 1. Select your wireless network name, known as the SSID** - it identifies your network. You should choose something unique, but short.
- 2. Enable Wireless encryption (WEP) or Wi-Fi Protected Access (WPA)** – makes your wireless network a lot more secure. Unfortunately most wireless routers come out of the box with this option *disabled*.
- 3. Change your administrative password from the one provided by the manufacturer** – it controls your wireless network. Just like any other password, it should not be a word that you can find in the dictionary, and it should be a combination of letters, numbers, and symbols. Be sure you can remember this password, because you'll need it if you ever have to change your router's settings.

Step 6: Connect your laptops to your new home network.

Right-click the wireless network icon in the lower-right corner of your screen, and select **View Available Wireless Networks**.



The following window will open where you will be able to see all available networks. Select your network and connect to it.



If you have enabled encryption on your wireless network (router) you will be prompted to enter the encryption key which is hexadecimal (a combination of numbers 0-9 and letters A-F) and you have selected this key during your initial installation of your router.