Connecting to Wireless in Windows Vista

Reference:
http://www.microsoft.com/technet/community/columns/cableguy/cg0406.mspx
http://www.csd.toshiba.com/cgi-bin/tais/su/su_sc_dtlView.jsp?soid=1524510&moid=null&BV_SessionID=@@@@0175079058.1166821204@@@&BV_EngineID=ccchaddjjfidmdecgfkeeghdngdnj.0&ct=SB

Connecting from the System Tray:

1) Left click on the lower right hand side of the computer in the system tray on the wireless icon. It should show an unnamed network.

2) Select the network and click “Connect.”
3) Enter in the SSID and WEP code.

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**Connecting to a Toshiba or Sony laptop**

*(from http://www.toshiba.com)*:

“By default, the Windows Vista operating system is configured *not* to connect to Wi-Fi *wireless networks* in which the SSID is not broadcast. SSID (Service Set Identifier) is the unique name that identifies a particular Wi-Fi (802.11) wireless network. Follow these steps to enable a computer running Windows Vista to connect to a particular Wi-Fi network in which the SSID is not being broadcast.

1. Click the Windows **Start** button, then click **Control Panel**.
2. Click **Network and Internet**.
3. Click **Network and Sharing Center**.
4. Click **Manage wireless networks** (one of the Tasks, at left).
5. Right-click the Wi-Fi wireless network you wish to connect to (in the **Networks you can view and modify** list). Click **Properties** in the pop-up context menu.
6. The Properties page shown below will appear. Click to place a checkmark in the box labeled **Connect even if the network is not broadcasting**, then click **OK**.

It should now be possible to connect to this particular Wi-Fi network even though it does not broadcast its SSID. This change applies only to the network selected in step 5 above. You may repeat the procedure for any other available Wi-Fi network.

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**Connecting from the “Connect to a Network” window in Vista:**

- Click **Start**, and then **Connect to** from the Windows Vista desktop

The following window should come up:

![Connect to a network window in Vista](image)

Select either show “Wireless networks” or show “All” A non-broadcast network should appear in the list with the name “Unnamed Network.” If you click to connect to that
network, you should be prompted to enter in the network name and password. Enter
“Wireless LAN 1” for the network name.

If “Unnamed network” is not listed, click “Set up a connection or network.”
Click **Manually connect to a wireless network**.

![Manually connect to a wireless network dialog box]

- **Change the encryption type to “WEP” and enter in the passcode.**

- **Save this network for all users of this computer/Save this network for me only**
  Specifies that this wireless network profile will be in the list of networks for other users of the computer or only the current user. If specified only for the current user, the wireless network will be disconnected when the user logs off or switches to another user.

- **Display characters**
  Specifies whether you want to view the value typed in **Security Key/Passphrase**.

- **Start this connection automatically**
  Specifies whether Windows Vista will automatically connect to this wireless network. If you clear this checkbox, you must manually connect to the wireless network from the **Connect to a network** dialog box.

- **Connect even if the network is not broadcasting**
  Specifies whether Windows should attempt to connect even if the wireless network is not broadcasting its name. This will cause Windows Vista to send Probe Request frames to locate the wireless network. These probe request frames can be used by malicious users to determine the name of the non-
broadcast network. For more information about the privacy issues of non-broadcast networks, see Non-broadcast Wireless Networks with Microsoft Windows.

When you click **Next**, Windows Vista displays the following page.

![Wireless Network Connection Dialog]

To connect to the wireless, click **Connect to**, and then double-click the newly created wireless network in the **Connect to a network** dialog box.

To configure the properties of the wireless network you have just created, click **Change connection settings**. Windows Vista displays the following dialog box.
From the **Connection** tab, you can view the wireless network's name, SSID and network type (KCC uses **Access point**).
If you click on the security tab, then enter **WEP** as the security type and then type in the network security key.

This should be “WEP”.

After you have configured your wireless networks, you can manage them from the **Manage Wireless Networks** dialog box. To display the **Manage Wireless Networks** dial Click **Start**, right-click **Network**, and then click **Properties**.