Wireless USB Card

User Guide of TER/GUSB3

Installing the software of Windows 2000 and XP

1.   After installing the hardware to your system. You may turn on your system.

2.   When Windows is loading, it will pop up a window "Found New Hardware Wizard". Click the "Cancel" button.

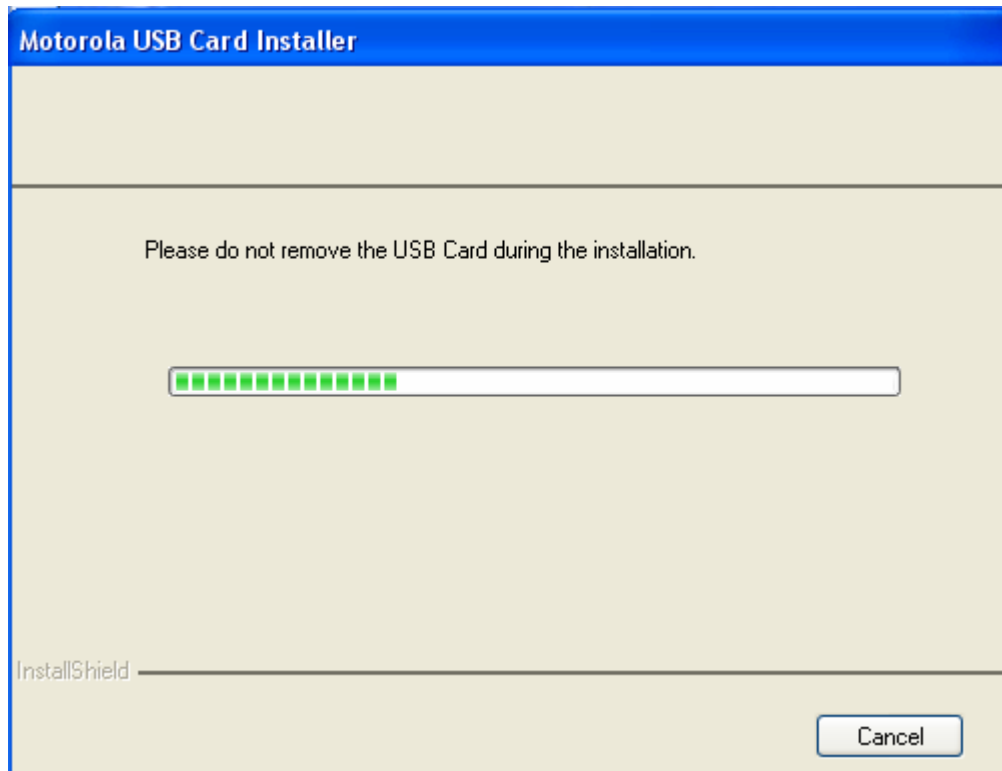(For Windows 2000 and XP users)

Installing the software of Wireless USB Card
*Installing the software of Wireless USB Card---Auto run

1.　When you insert the wireless USB card to the computer, you will see the following window appear, please click "Yes" to continue :

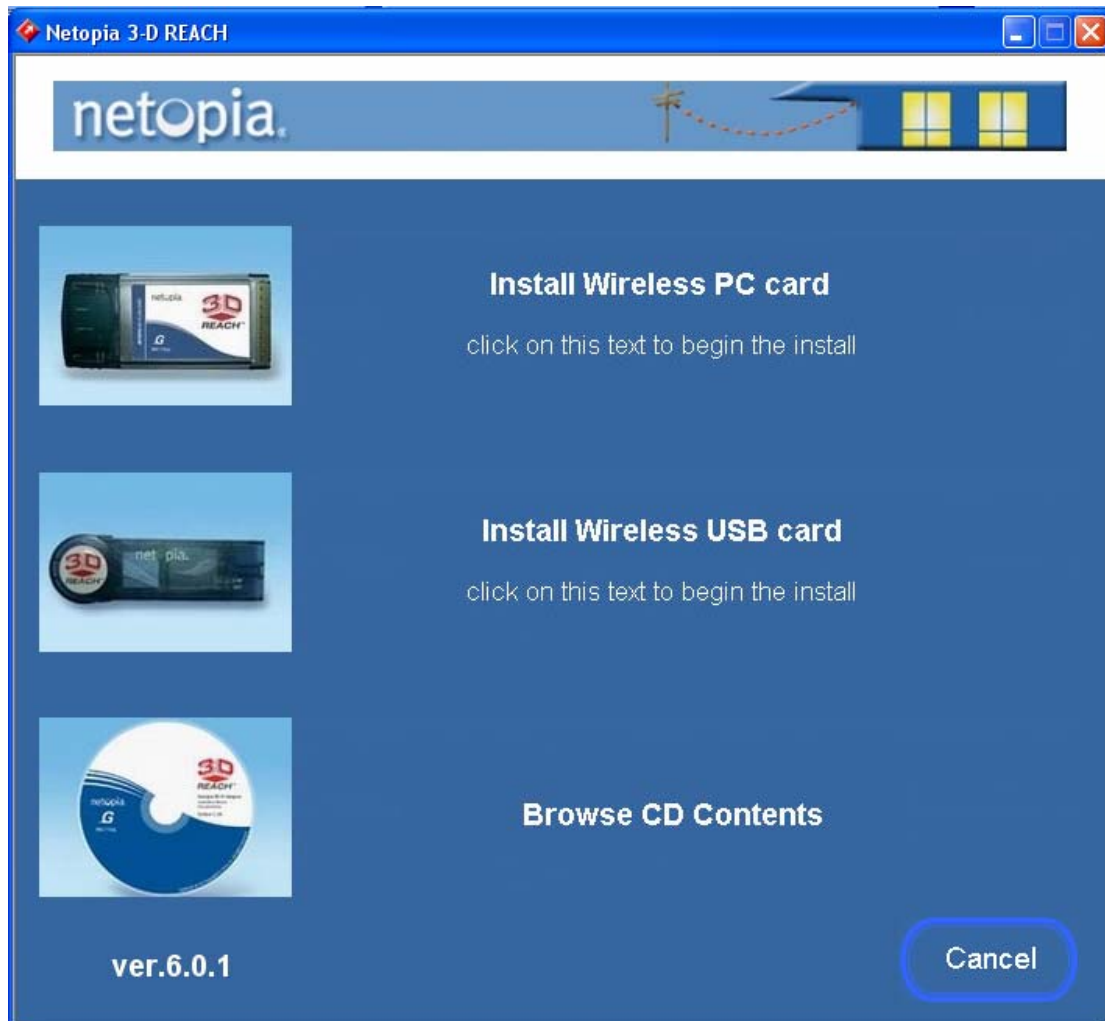2.　And then you will see the installation is processing:

3. And you will see this window pop up, which means the installation is completed, please click "OK" to finish the auto run:

*Installing the software of Wireless USB Card--- For installing the DVD/CD-ROM drive

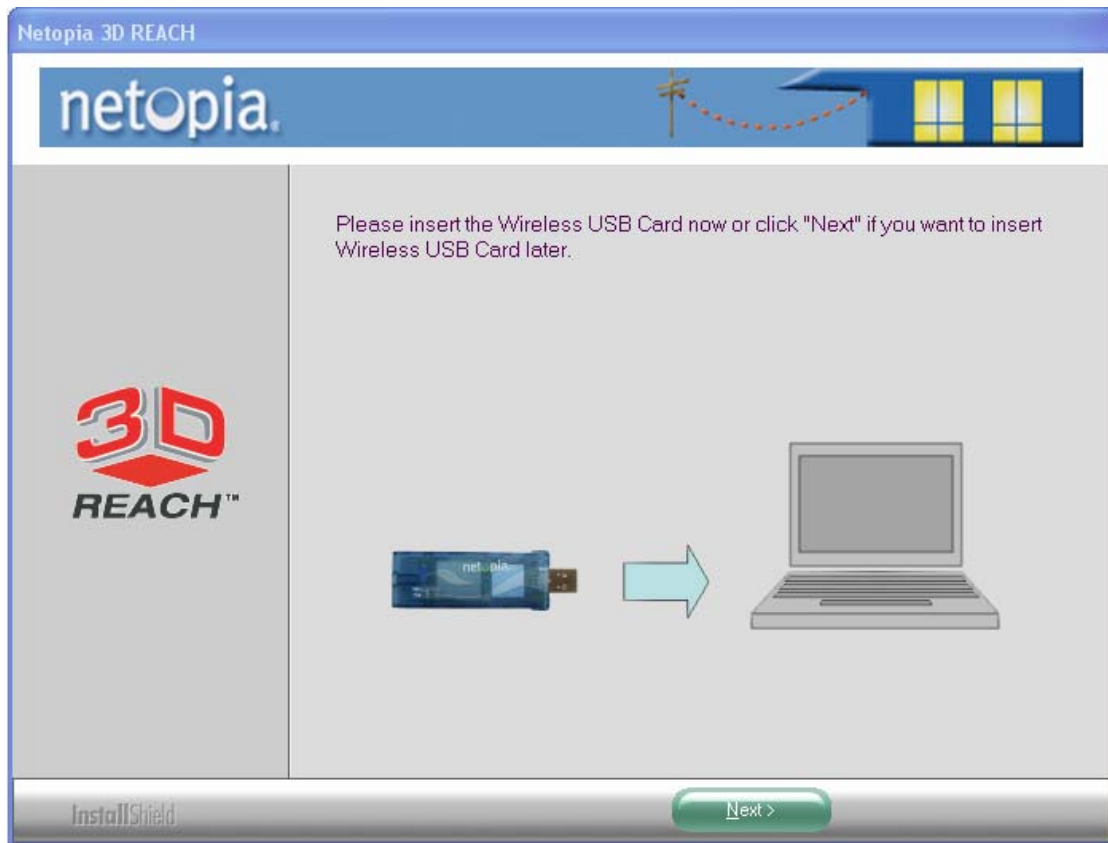1. Insert the provided installation disc into your DVD/CD-ROM drive. The following window should pop up:

2. Select "Install Wireless USB Card".

3. The setup program should launch and bring you to the window of "Wireless USB Card".   Please click on "Yes" to continue.

4. Windows 98 SE, ME, and 2000 users, please skip to step 5. For Windows XP users, please click the "Next" button.

Netopia 3D REACH

Please insert the Wireless USB Card now or click "Next" if you want to insert Wireless USB Card later.

3D REACH™

InstallShield

Next >

5. The software installation should begin. This may take a few minutes. For Windows 98 SE users, insert your Windows 98 SE disc when prompted.

6. Please click the "Finish" button, and then the installation of wireless USB card will be completed to add to your computer system.
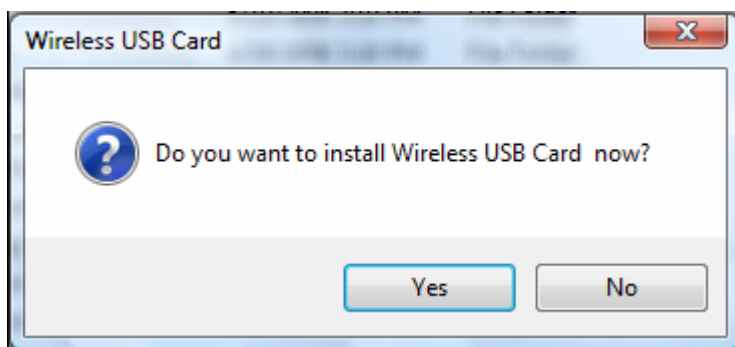
Installing the software of Windows Vista
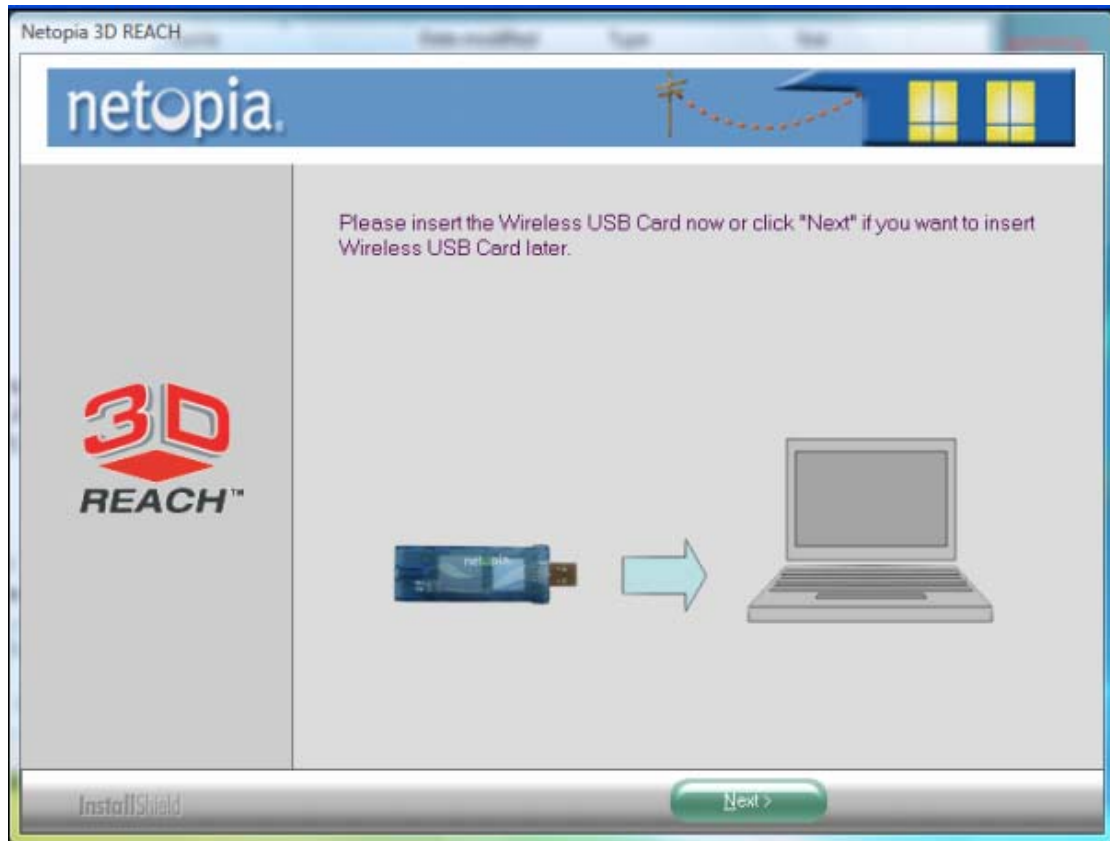
***Installing the software of Wireless USB Card**

1. Insert the provided installation disc into your DVD/CD-ROM drive. The following window should pop up:
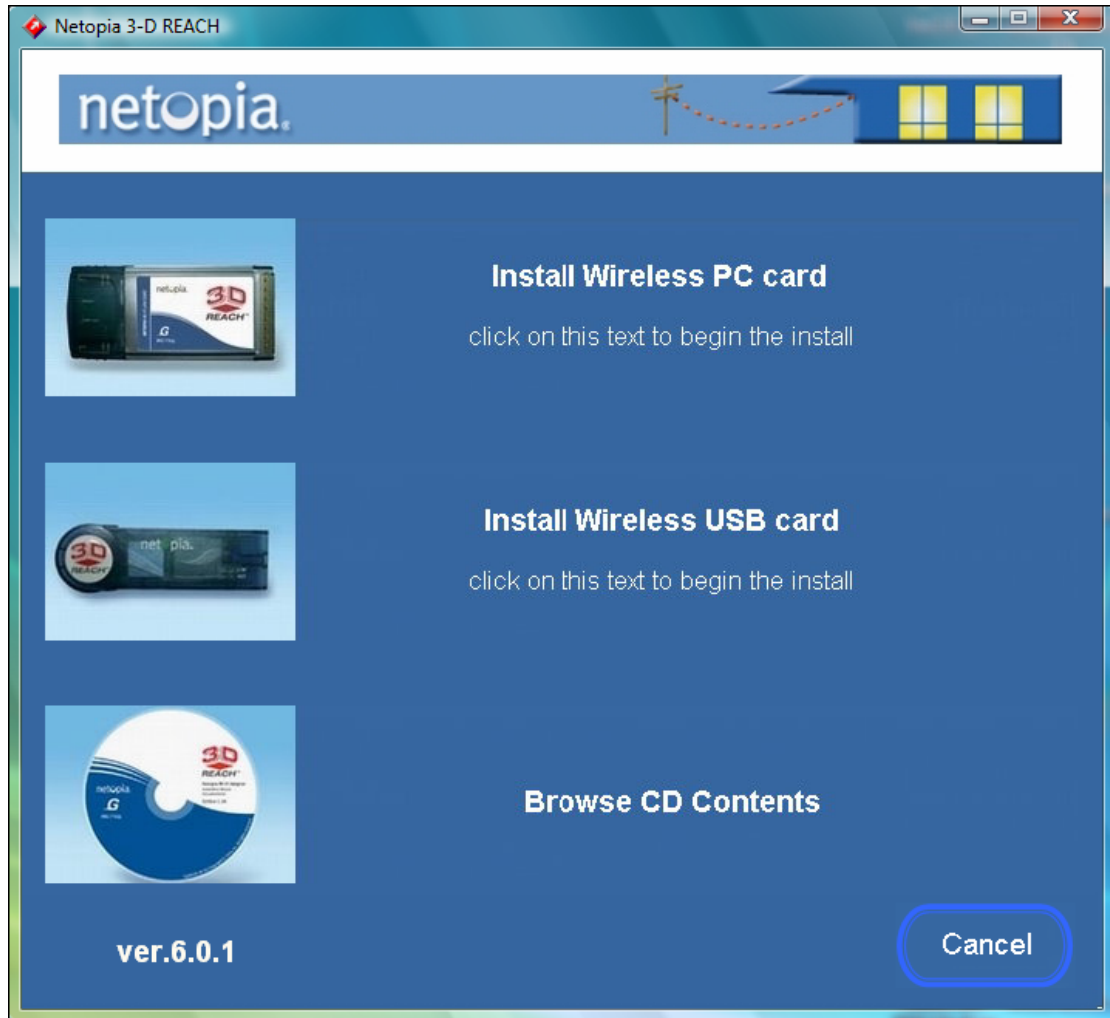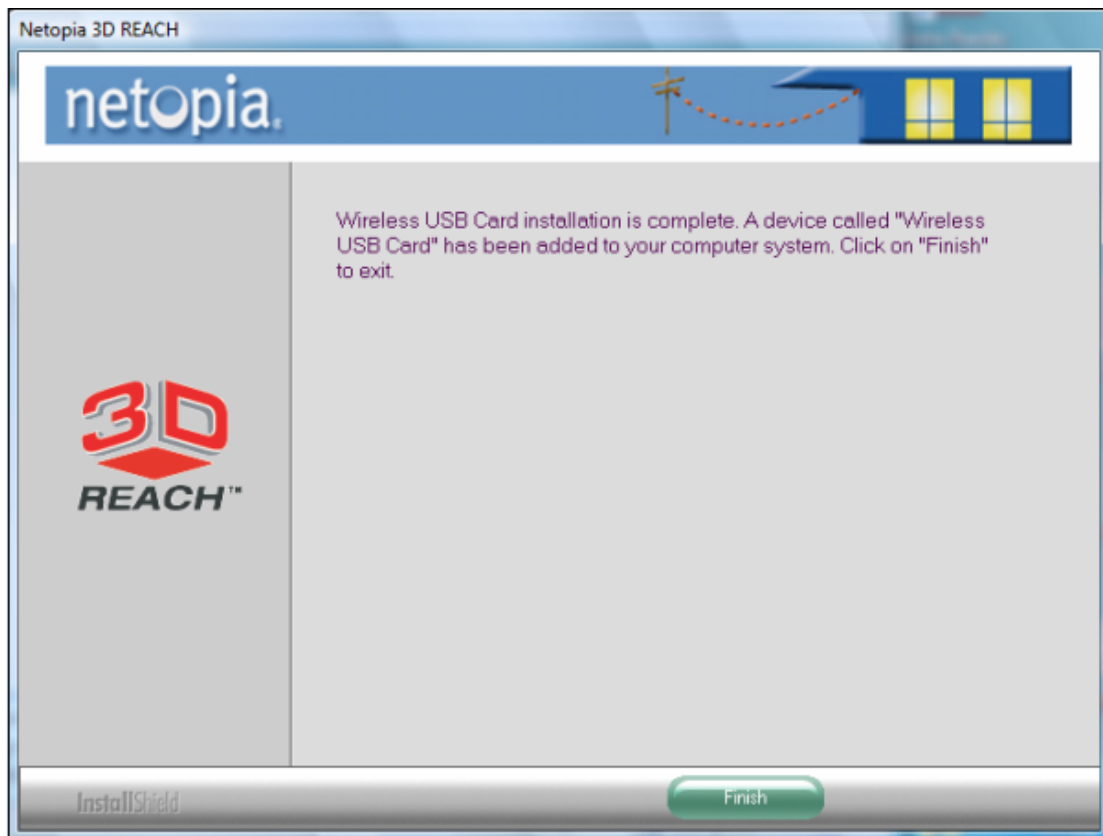
2. Select "Install Wireless USB Card".

3. The setup program should launch and bring you to the window of "Wireless USB Card". Please click on "Yes" to continue.

4. Please click the "Next" button to continue the installing process.

6. Please click the "Finish" button, and then the installation of wireless USB card will be completed to add to your computer system.

7. Once your system has restarted, you may now configure your wireless network.

## Configuring your wireless network (with Wireless Utility)

1. Windows XP users, if you chose "Microsoft Zero Configuration Tool" during the software installation please skip.

2. In your taskbar, locate a small "Red" icon, double click on it.
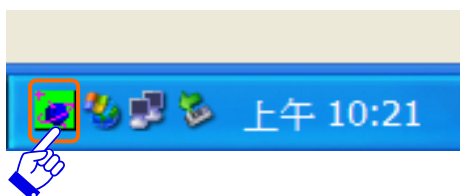
3. It should pull up the utility window. First, click on the "Rescan" button to scan you area for wireless network. Once the scan is complete, select the

desired wireless network from the list and click "Add to Profile" button.
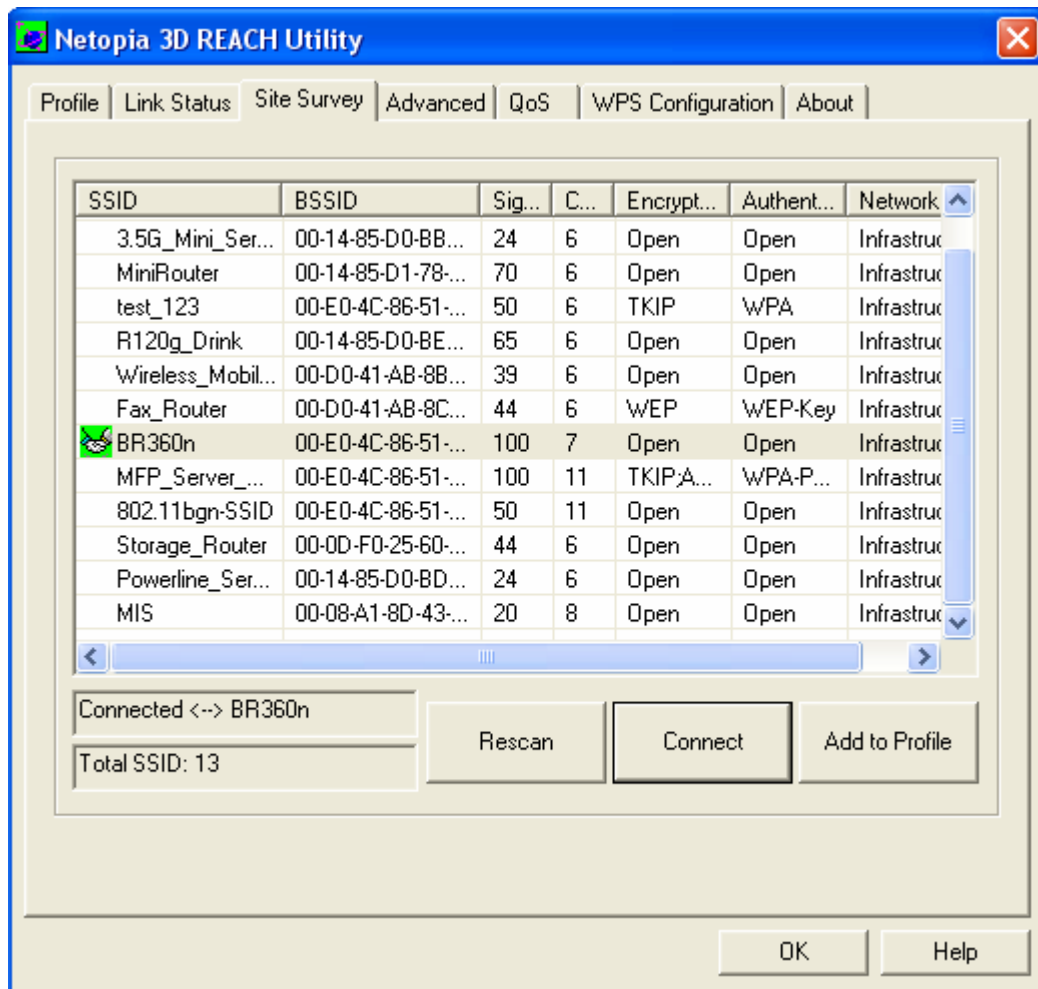
4. It should pop up the Profile window. If you do not have any wireless security (WEP, WPA, WPA2, and etc.) set on your wireless network, simply click the "OK" button and skip to step6. If you do have wireless securities on your wireless network click on the "Authentication and Security" tab.
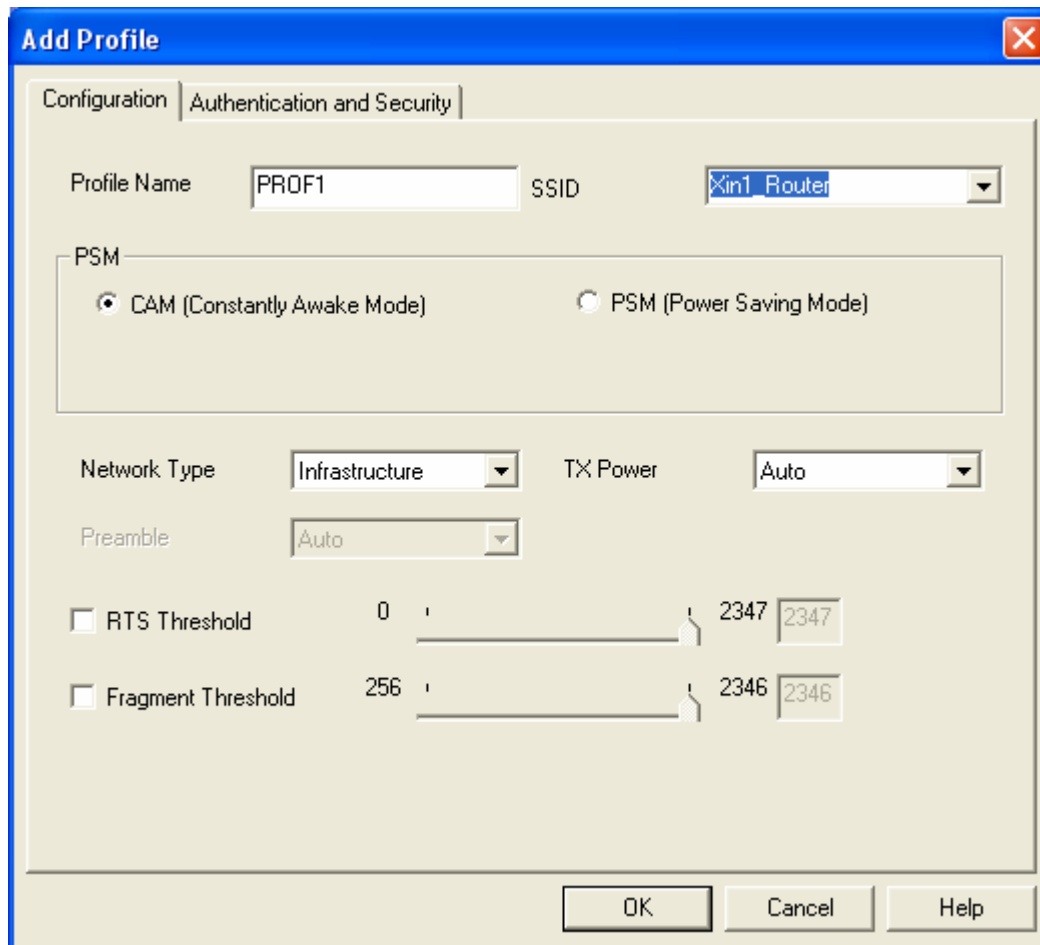
5. Set your wireless securities settings, when completed, click the OK"
   button.
   - If you have WEP, typically you only enter your WEP key in Key#1.
   - If you have WPA, typically you only enter your WPA key in the WPA
Preshared Key.
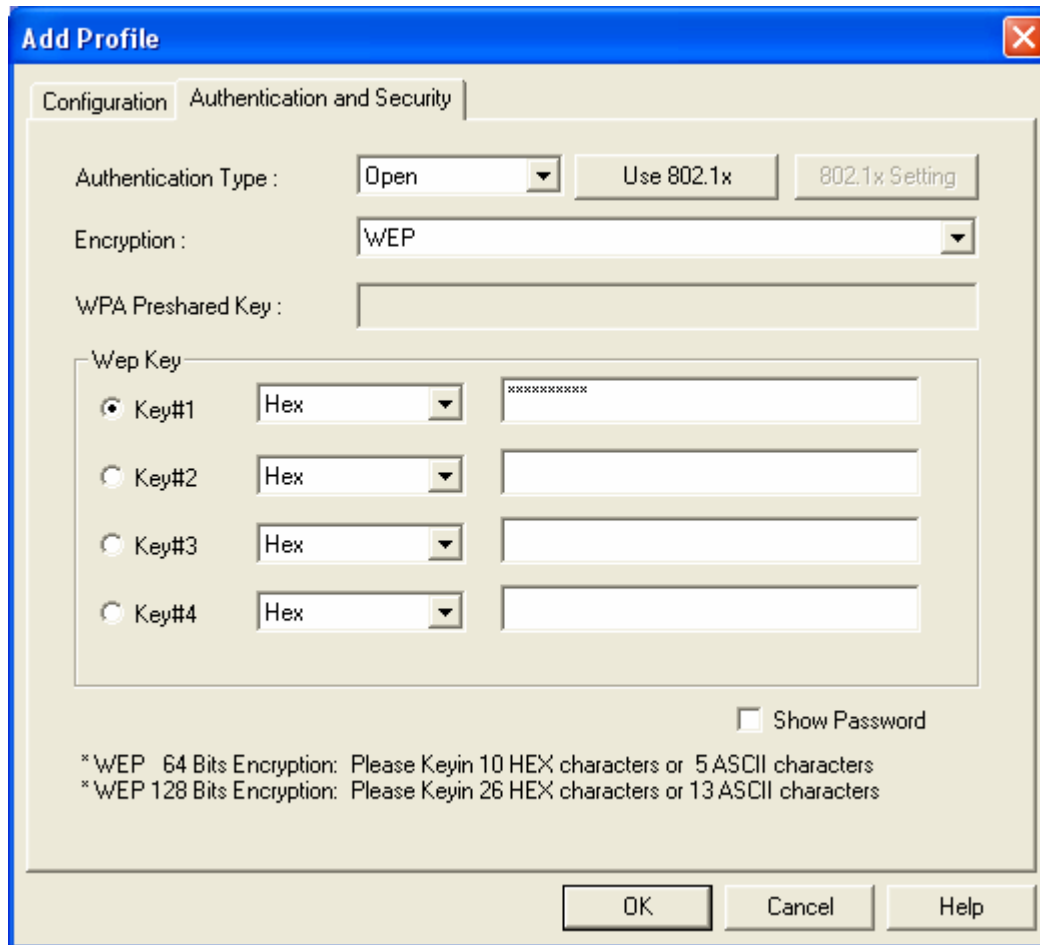
6. You should now see the profile you created, select on the profile and click the Activate button to establish a wireless connection. The green box next to the profile indicates you're connected and you may close the Wireless Utility window by clicking the "OK" button. Note: We recommend Windows 98 SE and ME users to restart their system after they activated their profile.
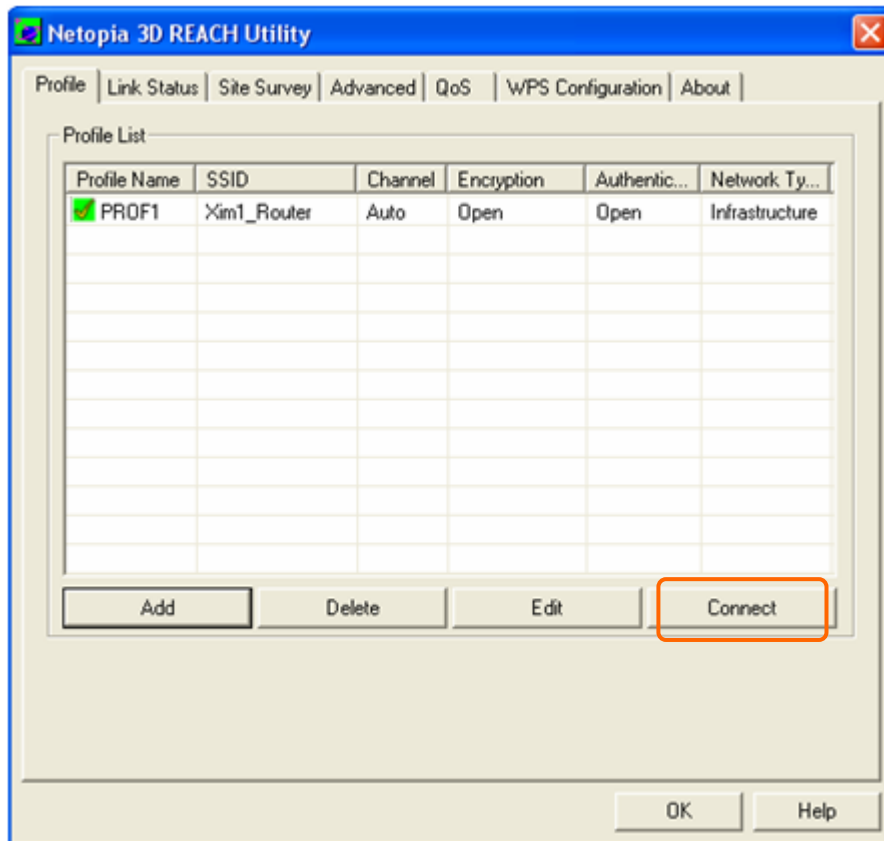
Configuring your wireless network (with Microsoft Zero Configuration Tool)

Warning: Due to security reasons, we strongly recommend updating Windows XP to service pack 2 and above, if you have not done so. If you do not wish to update, please use the Wireless Utility-by right clicking on the taskbar icon and selecting "Use Zero Configuration as Configuration Utility".

1. Double click on the computer with wireless signal icon in your taskbar.

2. The wireless utility window should pop up. Please click on "Rescan", Once the "Rescan" is complete, select the wireless network from the list

and click the "Connect" button.
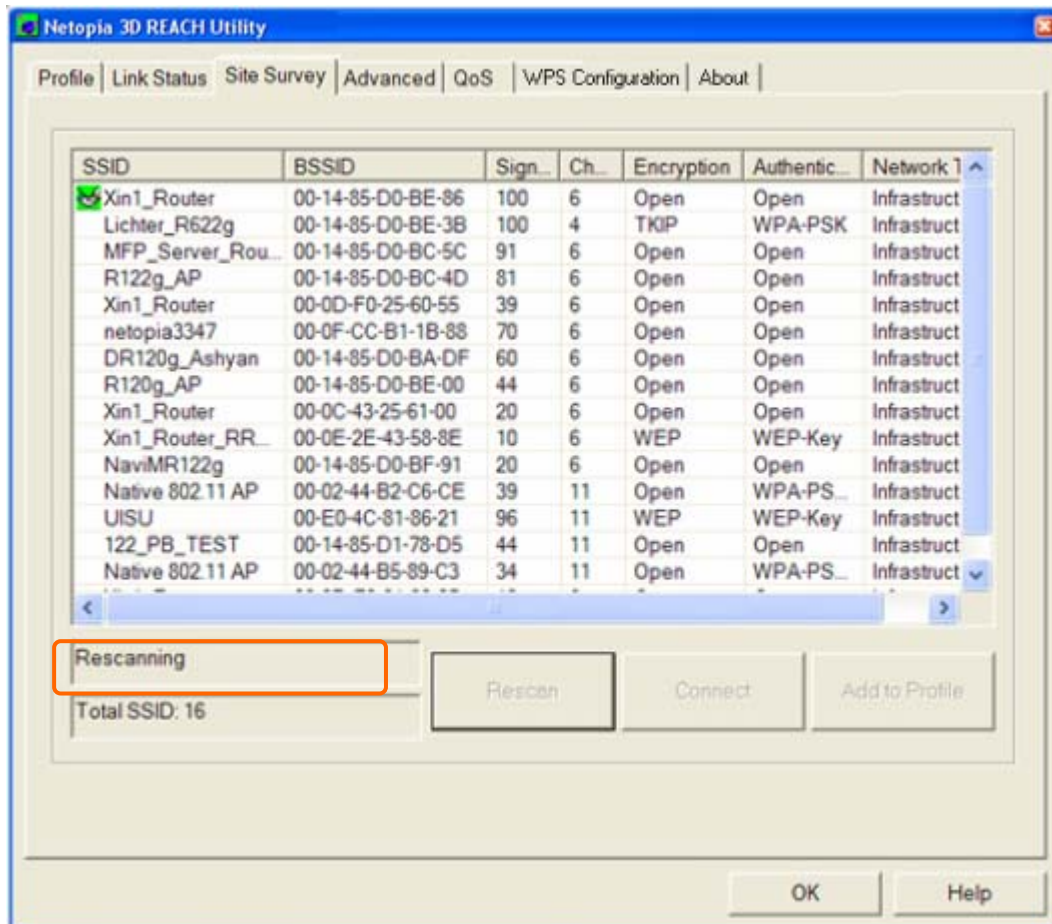
3. If the wireless network has wireless security settings, it will prompt you
    to type in the wireless network key. Type in the "wireless Network Key"
    and retype the wireless network key in the "Confirm Network Key". The
    network key is usually your WEP key or your WPA-PSK key. If your
    wireless network does not have any security settings enabled, skip to
    step 4.

Wireless Network Connection 4

The following wireless network(s) are available. To access a wireless network, select it from the list, and then click Connect.

Available wireless networks:

- Lichter_R622g
- Xin1_Router_SSID
- WE-1100
- My AP

This wireless network requires the use of a network key (WEP). To access this network, type the key, then click Connect.

Network key: ●●●●●●●●●●

Confirm network key:

☐ Enable IEEE 802.1x authentication for this network

If you are having difficulty connecting to a network, click Advanced.

[Advanced...]   [Connect]   [Cancel]

4. Once the wireless network is displayed as "Connected", which means you have successfully connected to your wireless network.
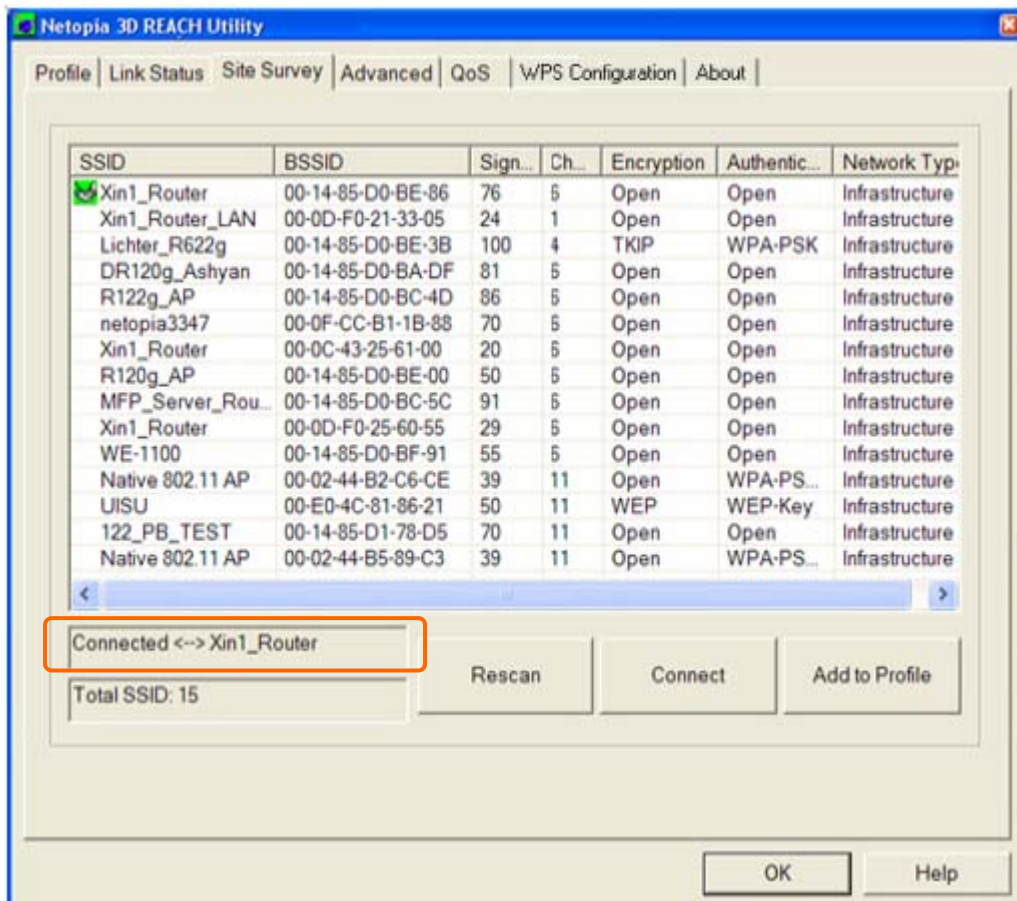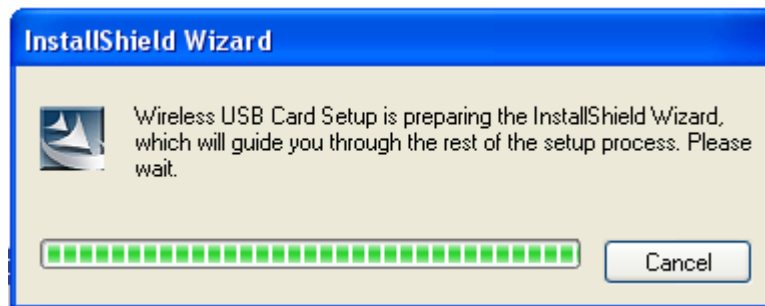
Uninstalling the software of Windows XP

1. Click on your start menu. Next go to "Programs" or "All Programs".
   Next go to the folder "Wireless USB Card".   Next select "Uninstall".
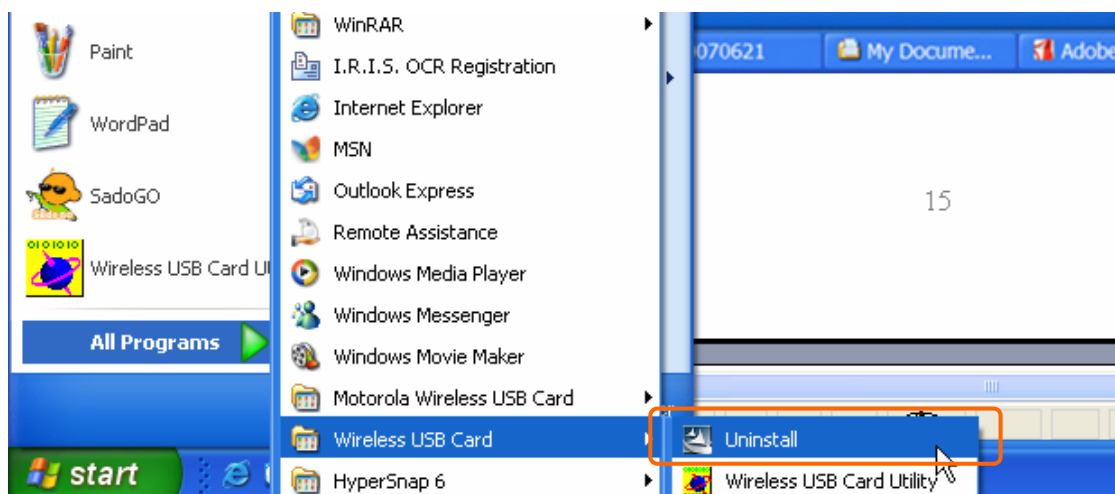
2. The uninstall window should pop up. If you do not want to uninstall it, click on "Cancel" button.

3. The uninstall process should begin and may take a few minutes. Once completed, click "Uninstall" to start, Otherwise, click "Cancel" to cancel.

Uninstalling the software of Windows Vista

1. Click on your start menu. Next go to "Programs".

2. Next go to the folder "Wireless USB Card". Next select "Uninstall".

3. The uninstall window should pop up. If you do not want to uninstall it, click on "Cancel" button.
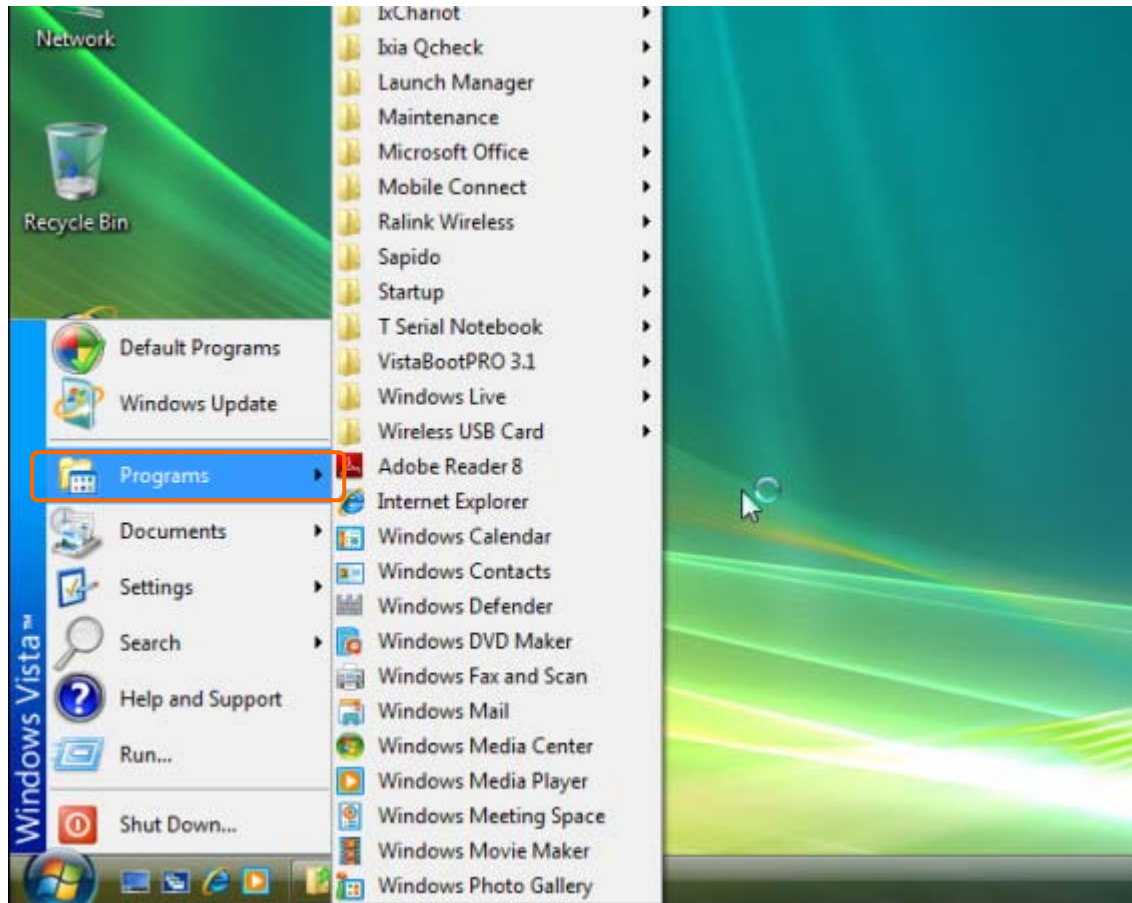

4. The uninstall process should begin and may take a few minutes. Once completed, click "Uninstall" to start, Otherwise, click "Cancel" to cancel.
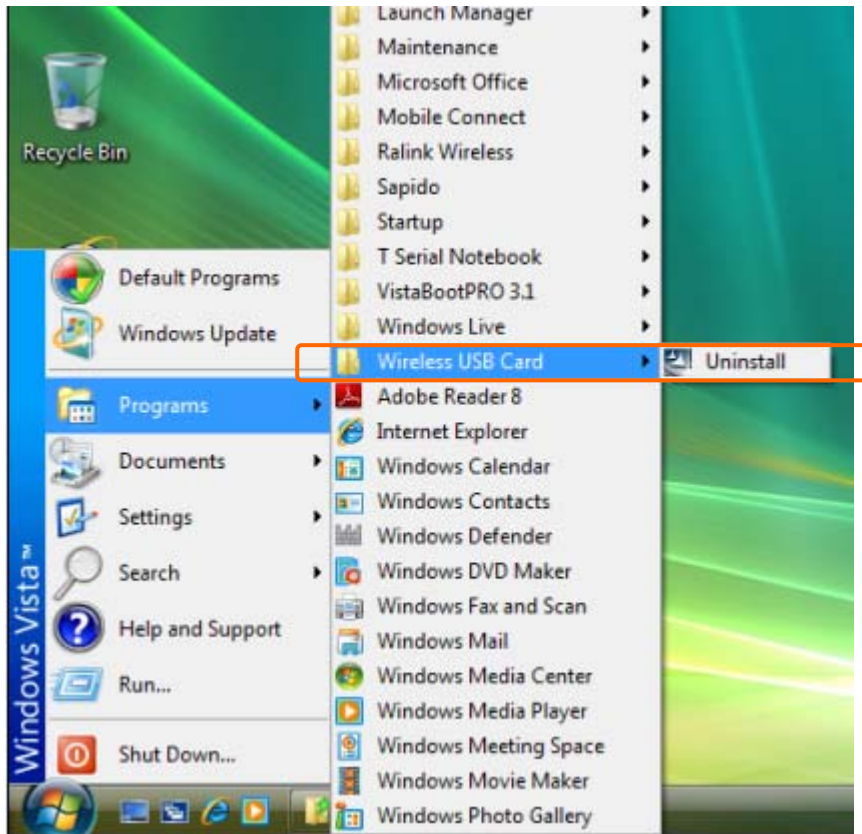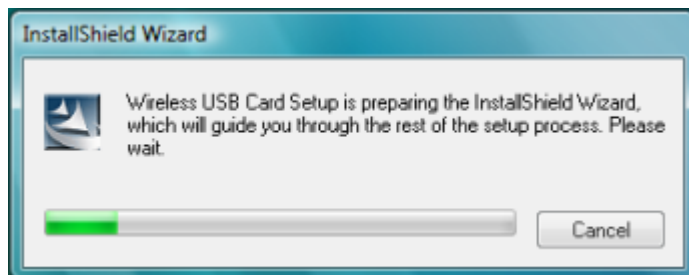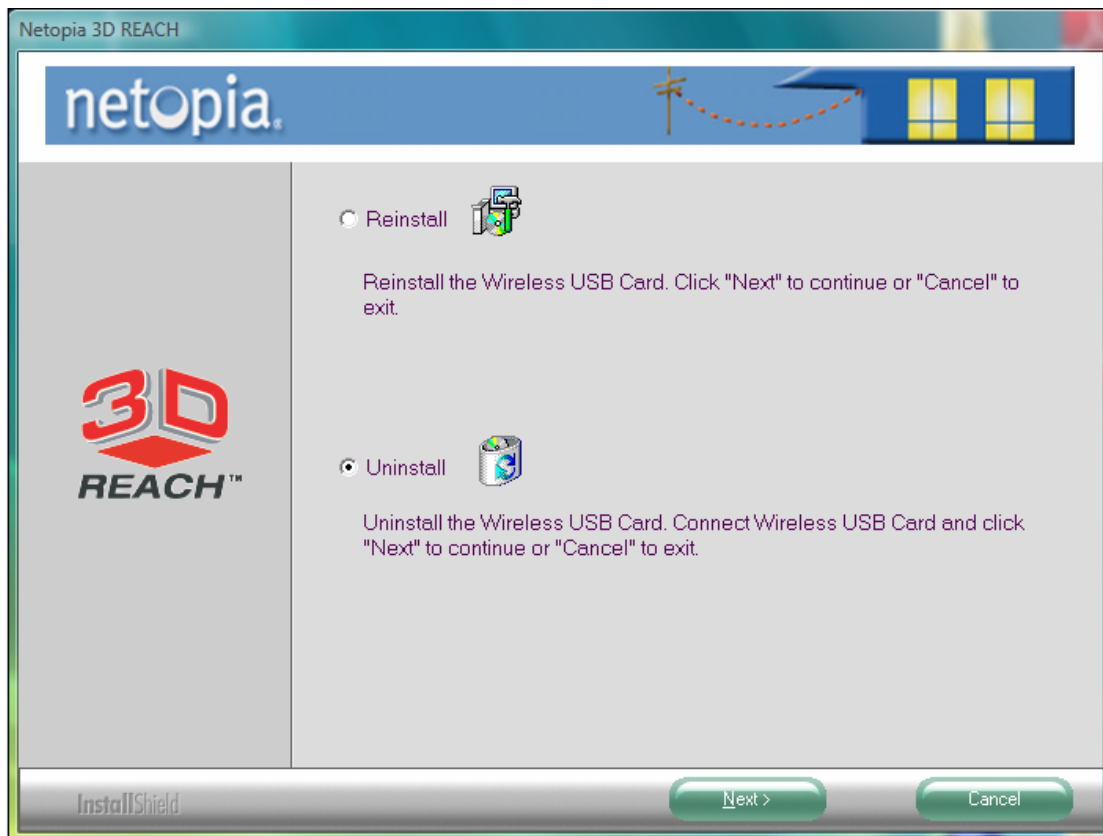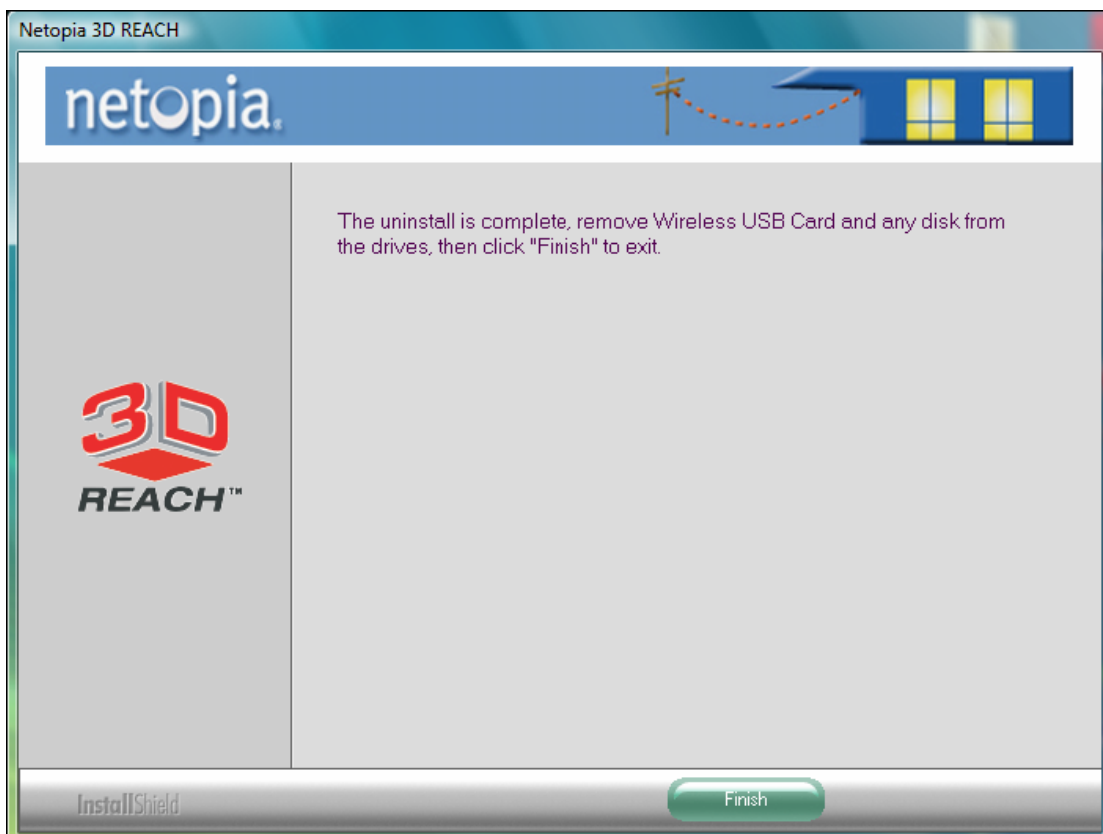
5. Once it's completed, click "Finish" to finish the uninstalling process and exit.

Installation Troubleshooting

Note: Windows 98 SE and ME users please check website at www.nvtechusa.com for any driver update, if you experience installation issue.

A. Windows XP (including x64 Edition)

If you encounter installation issues with Windows XP, please do the following steps:

1. With the installation disc inside your computer and the adapter connected to your system, restart your system.

2. The "Found New Hardware Wizard" window should open. Select "No, not this time" option and click the "Next" button.


3. Select "Install from a list or specific location (Advanced)" option and click the "Next" button.
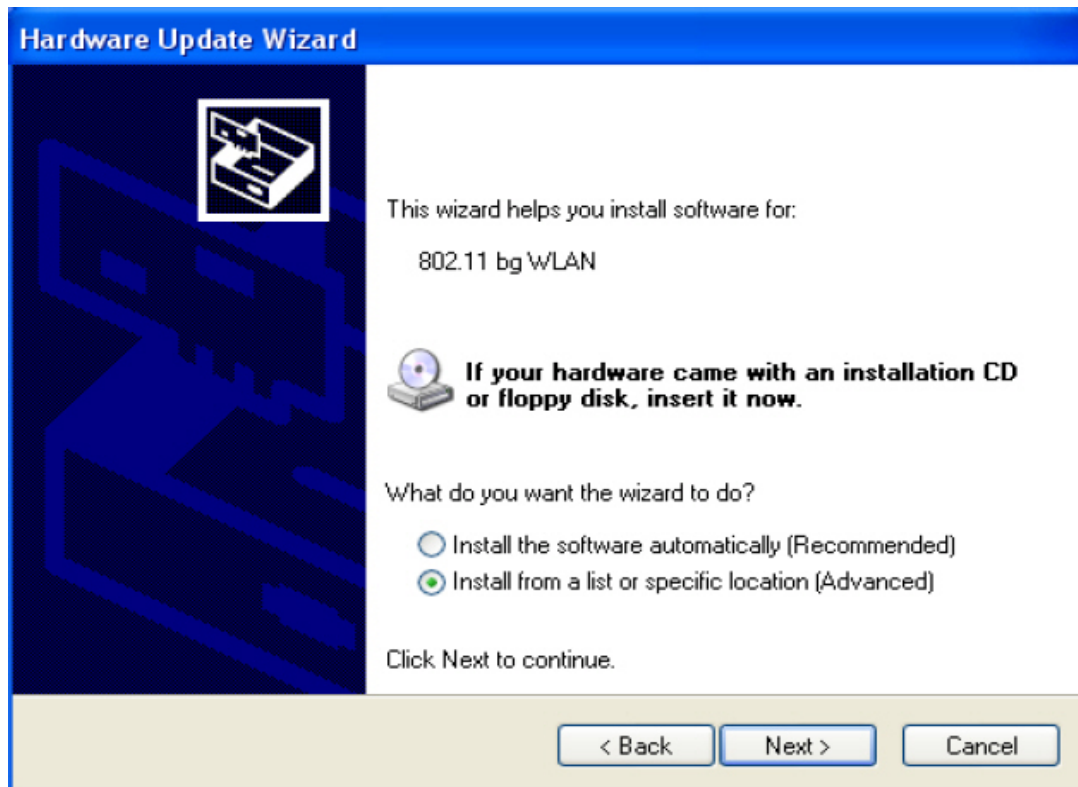
4. Check "Include this location in the search:" and click the "Browse" button.
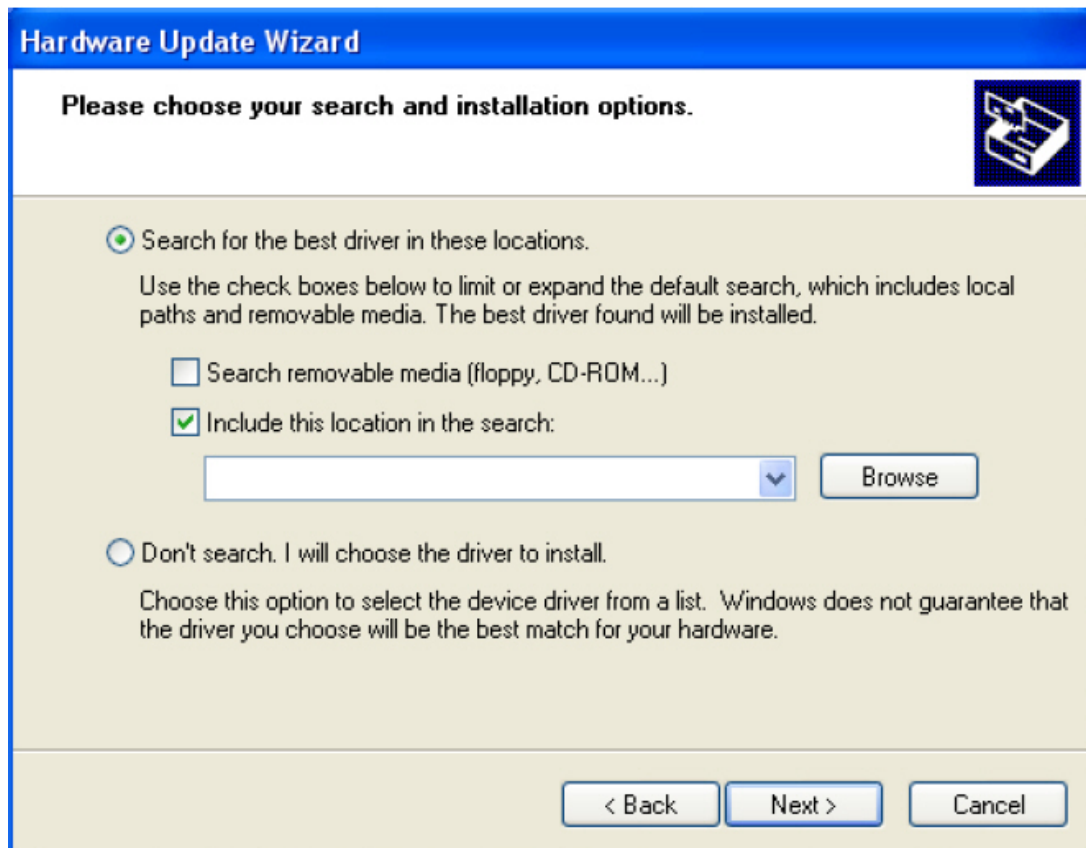
5. Click on the + button next to "My Computer". Click on the + button next to "(name of disc)". Click on the + button next to "Driver" folder.

- If you're using PCI, notebook, or mini-PCI adapter; please choose the PCI Card folder
- If you're using USB adapter; please choose the USB Card folder
- If you're using the regular Windows XP, select the "Windows XP" folder and click the "OK" button.
- If you're using Windows XP 64 bit edition, select the "Windows 64-bit Edition" folder and click the "OK" button
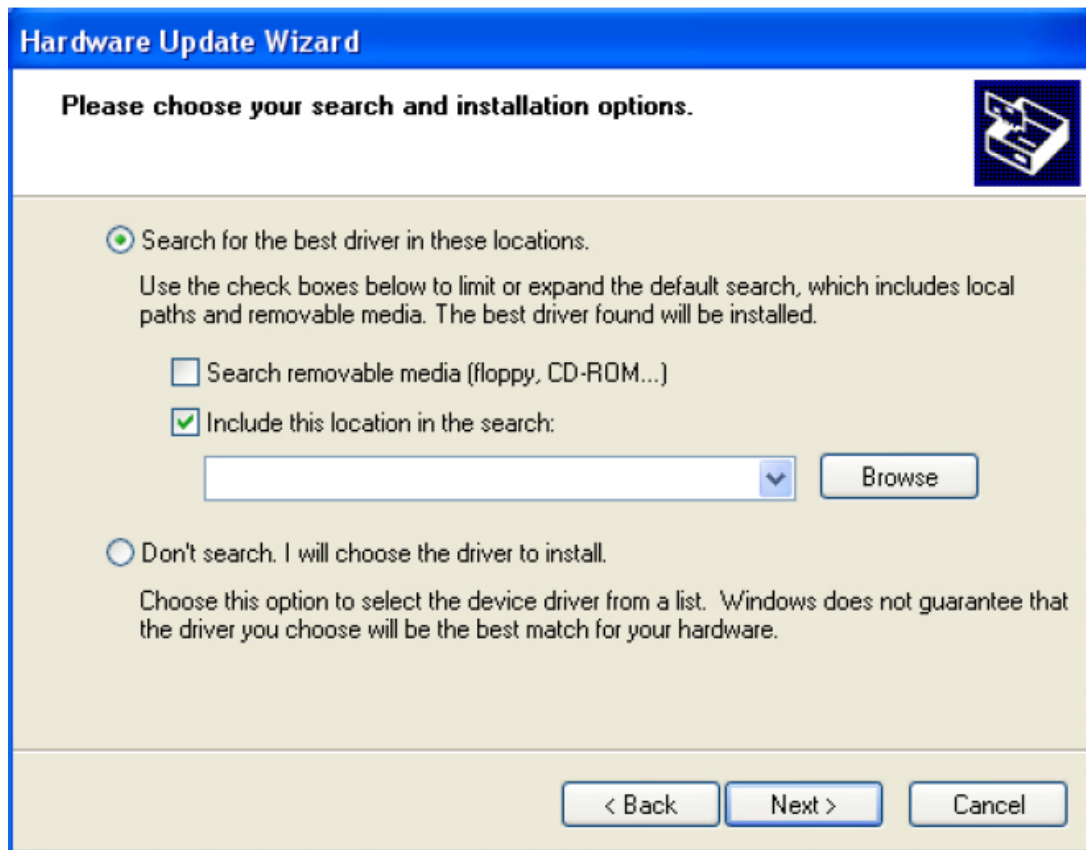
6. Once you're back in the "Found New Hardware Wizard" window, click the "Next" button to begin the installation.
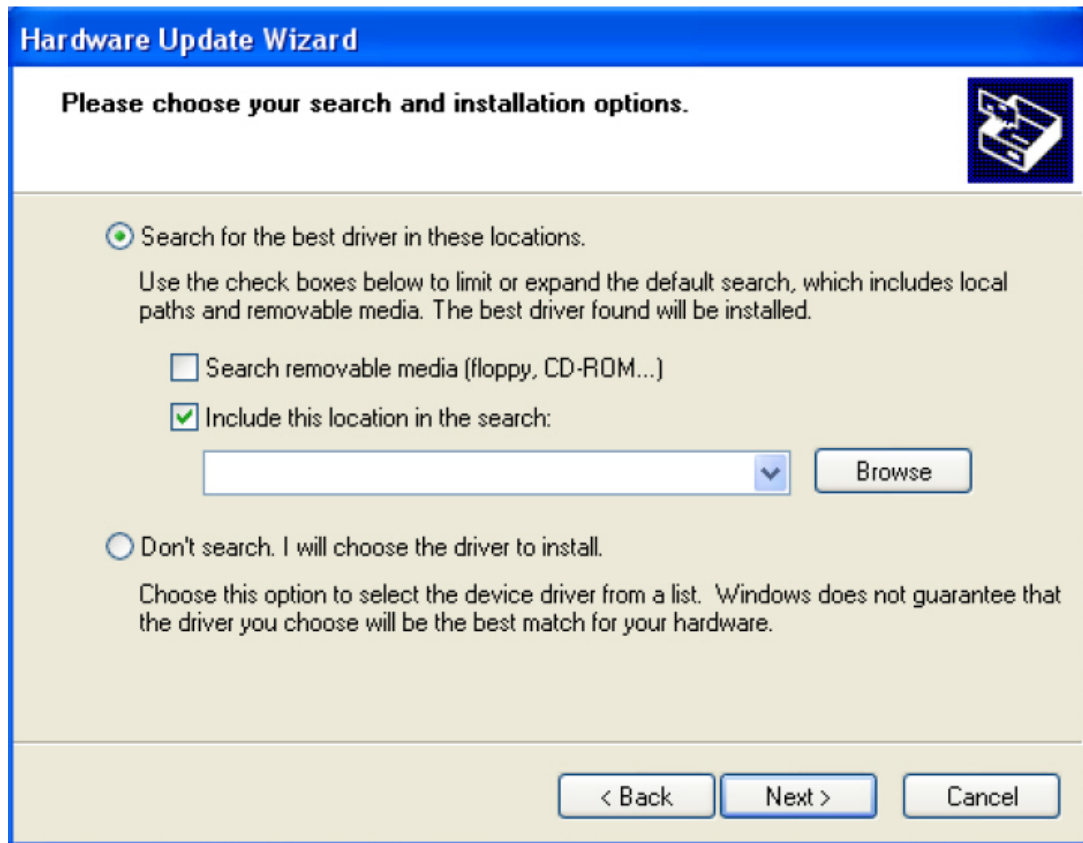
7. Once the installation is complete, click on the "Finish" button to exit the "Found New Hardware Wizard". You can now configure your wireless network from Microsoft's Zero Configuration Tool (see page 6 for more details).

B. Windows Vista

Once when you start to install the software of Windows Vista at the first time, the following window of "Found New Hardware" should pop up, please just directly click "Cancel" to skip it for computer program to auto processing, otherwise, it will cause the unnecessary interference to the installing procedure of T-serial software.

c. Windows 2000

If you encounter installation issues with Windows 2000, please do the
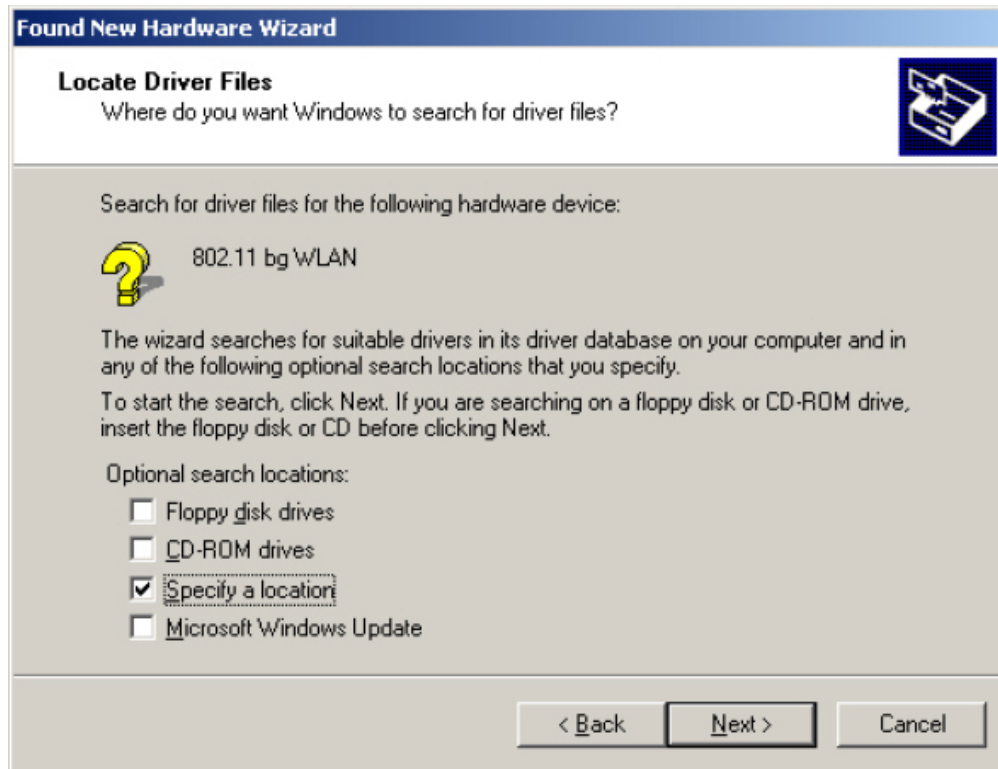following steps:

1. With the installation disc inside your computer and the adapter
connected to your system, restart your system.

2. The "Found New Hardware Wizard" window should open. Click the
"Next" button.

3. Click the "Next" button.

4. Check "Specify a location" and uncheck the rest of the options. Click the
   "Next" button.

5. Click on the "Browse" button.
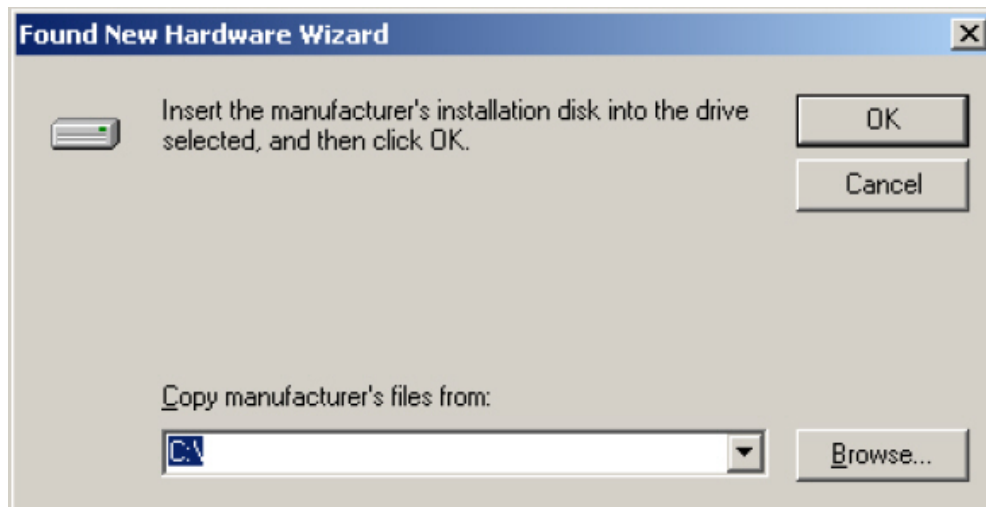
6. Locate the disc and open it. Open the "Drivers" folder. Open the PCI Card folder (for PCI, notebook, or mini-PCI adapter users) or USB Card folder. Open the "WIN2K" folder. Select the "RT2500" file and click the "Open" button.
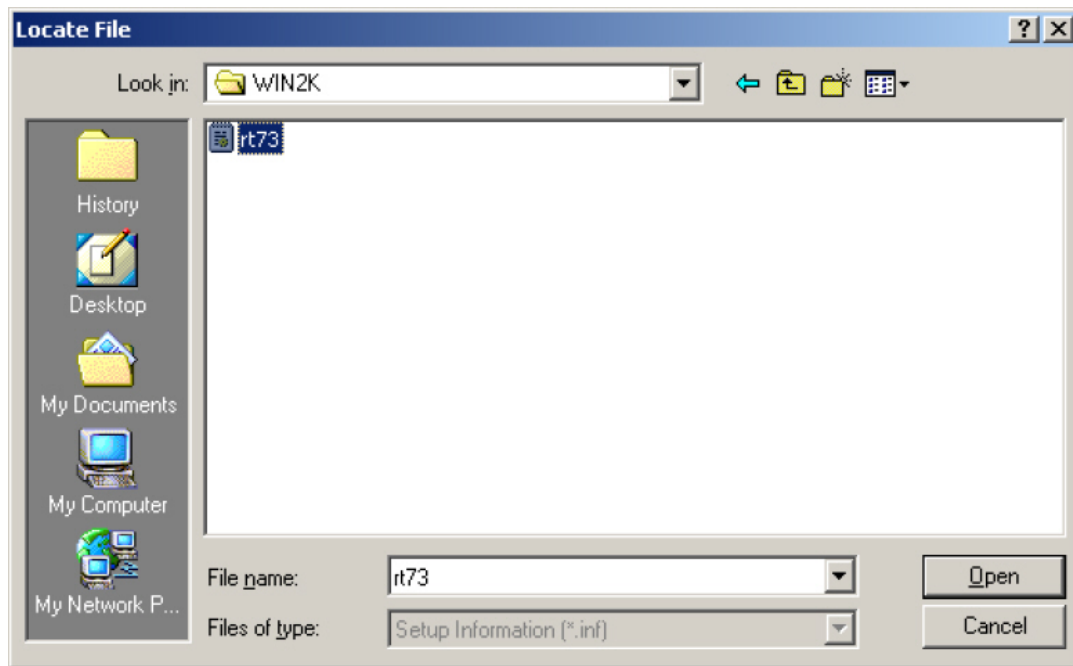
7. Click on the "OK" button.
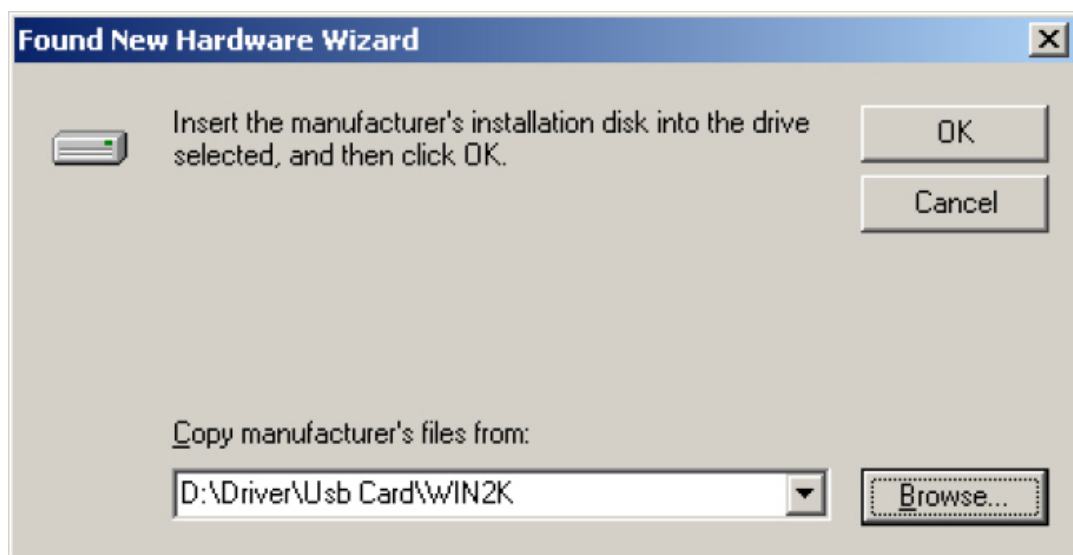
8. Click on the "Next" button to begin installation of the driver.
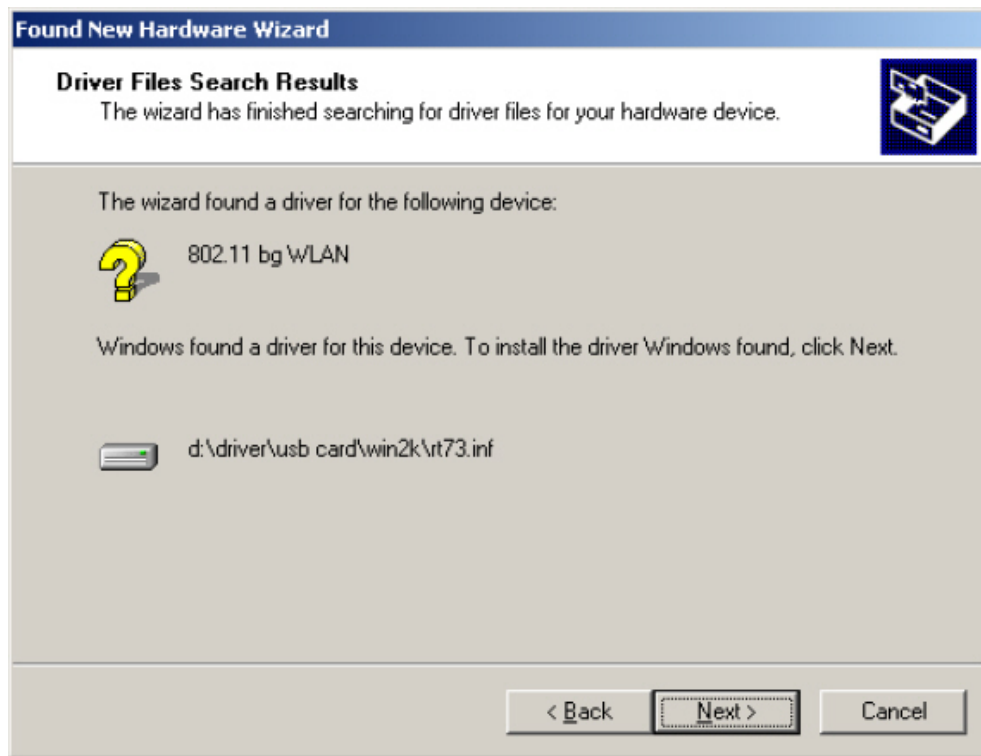
9. Click on the "Finish" button to exit the "Found New Hardware Wizard".

10. Open "My Computer" and select on the "Install" disc. Go to "File" menu and select "Open".
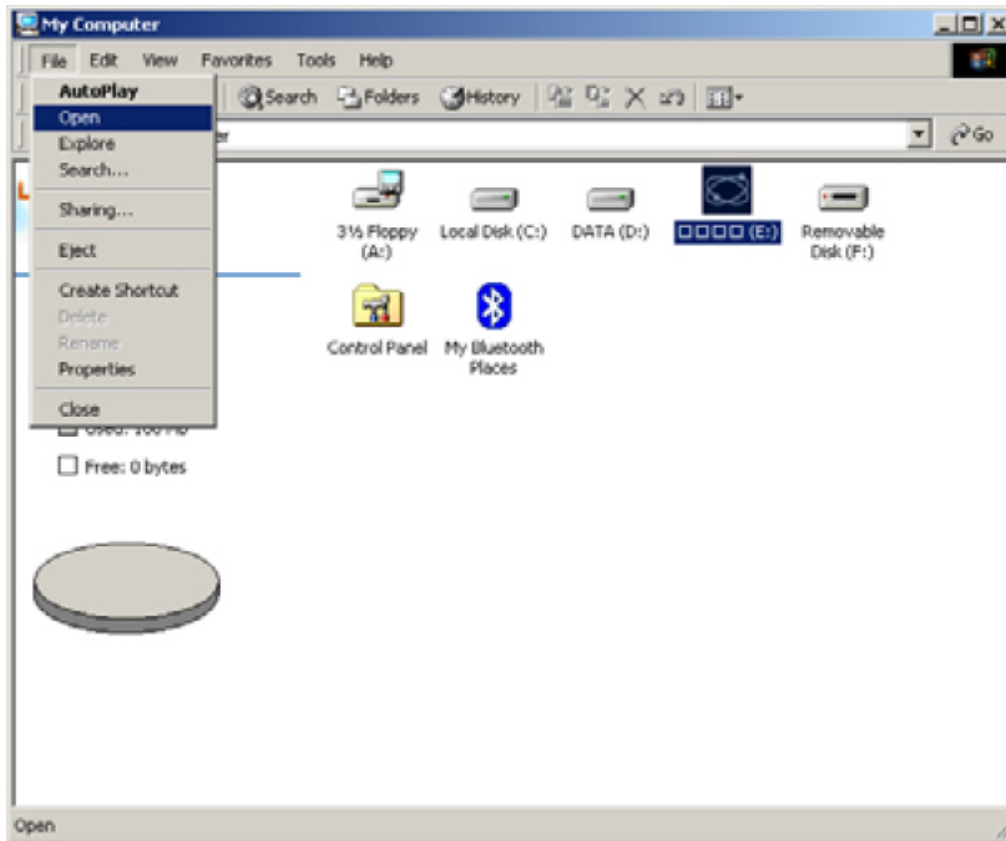
11. Open the "Utility" folder.
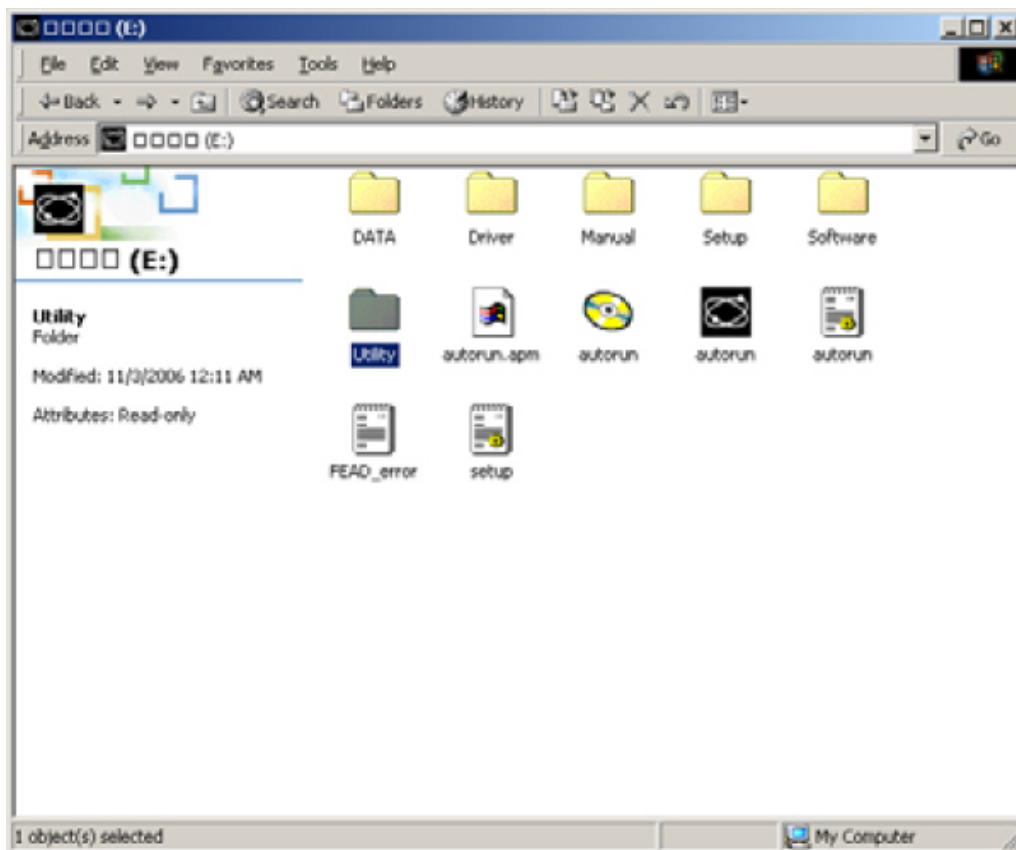
12. Select the "2K_XP" folder. Go to "Edit" menu and select "Copy".
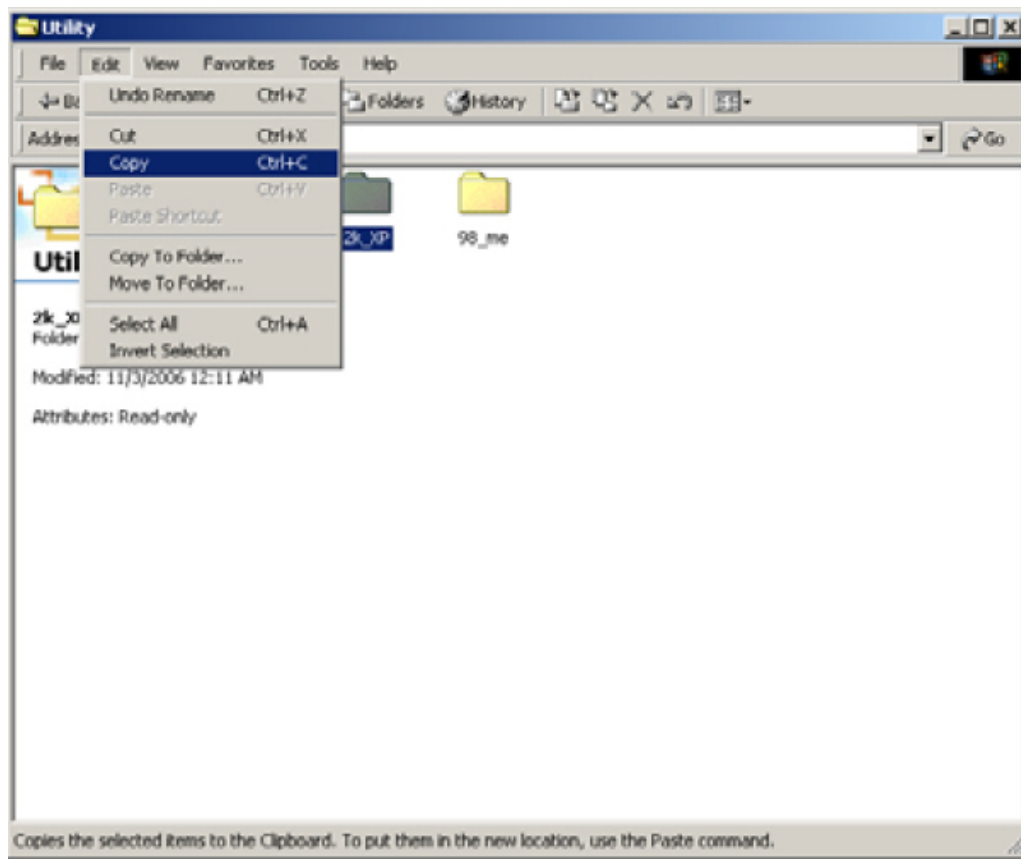
13. Go back to "My Computer" and open up your "Program Files" folder. Usually it's located in your "C:" hard drive. Once the "Program Files" folder is opened, go to the "Edit" menu and select "Paste".
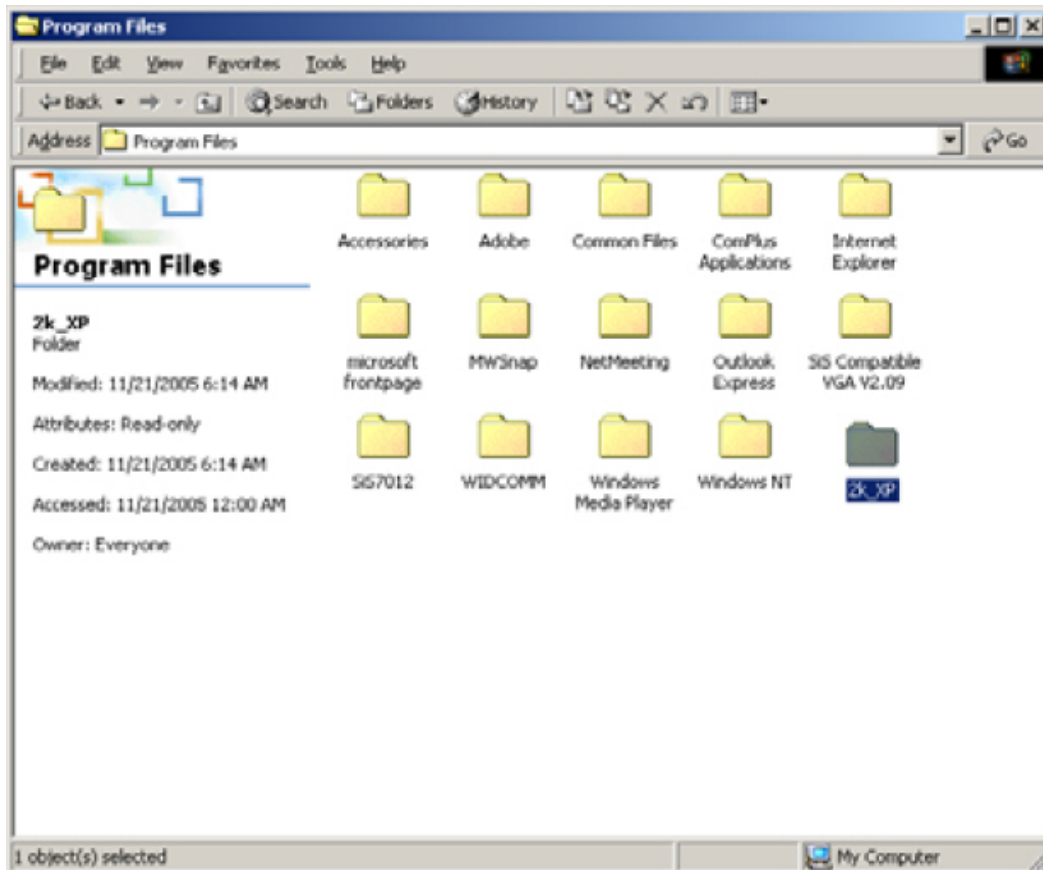
14. Now you should have a "2K_XP" folder in your "Program Files" folder.
Open the "2K_XP" folder you just created.
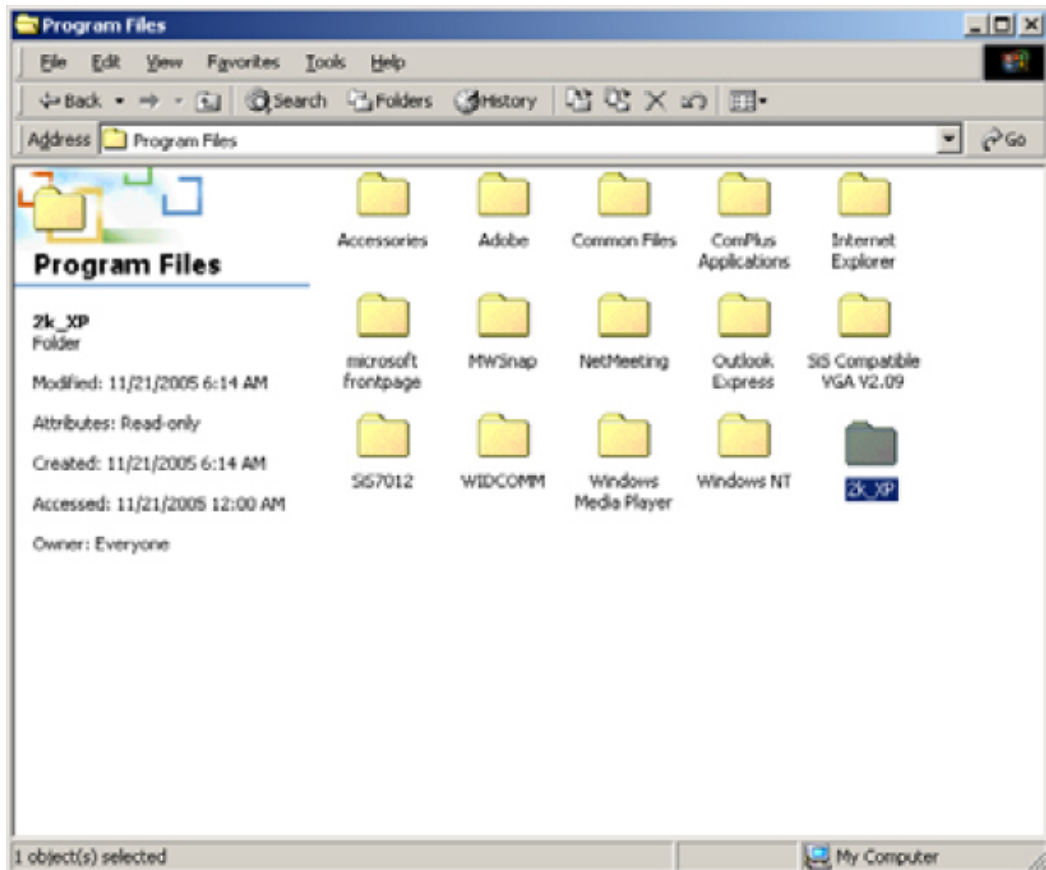
15.   Locate the file "Wireless USB Card Utility". Select it. Right click mouse and select "Copy".
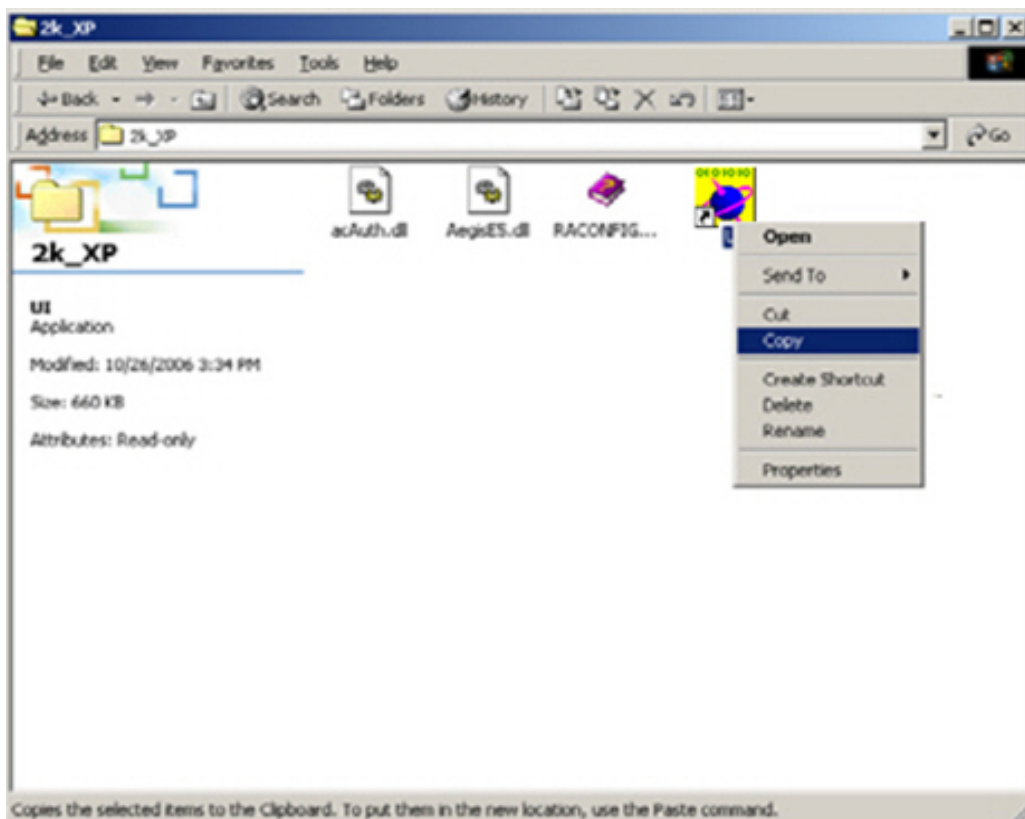
16. Go to your start menu. Go to "Programs" and right-click on "Startup" and select "Open".
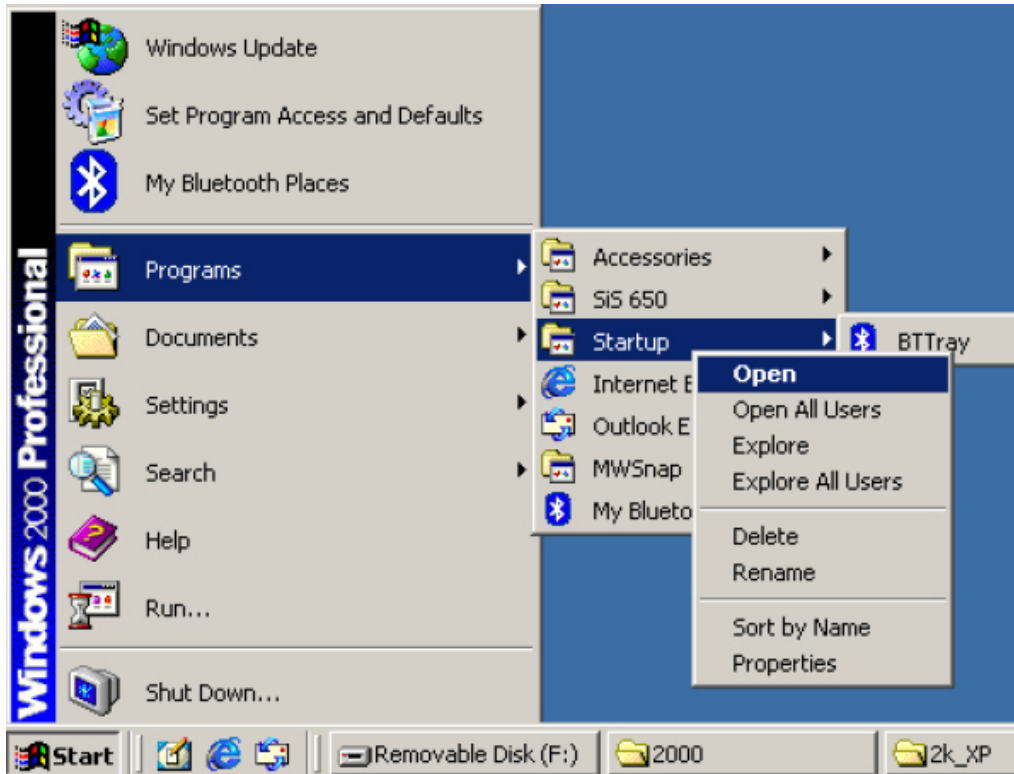
17. Once the folder is open, go to "Edit" menu and select "Paste Shortcut".
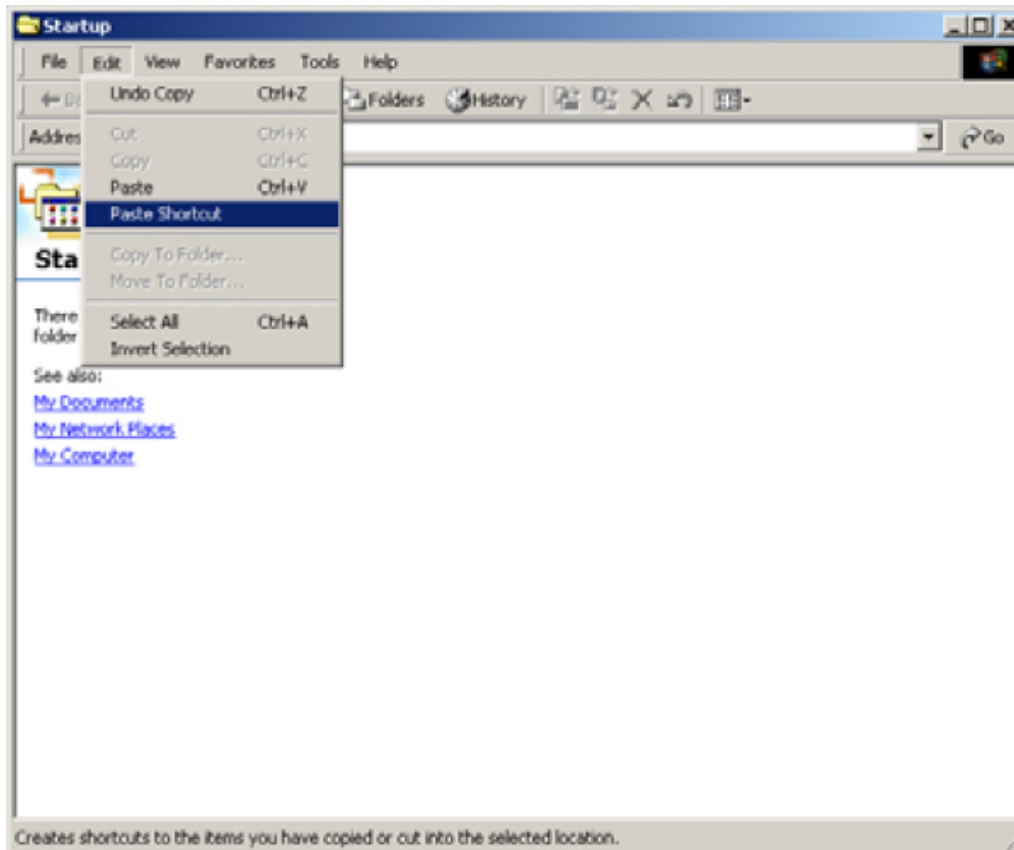
18. You should now have a shortcut to "Wireless USB Card Utility" in your "Startup" folder.
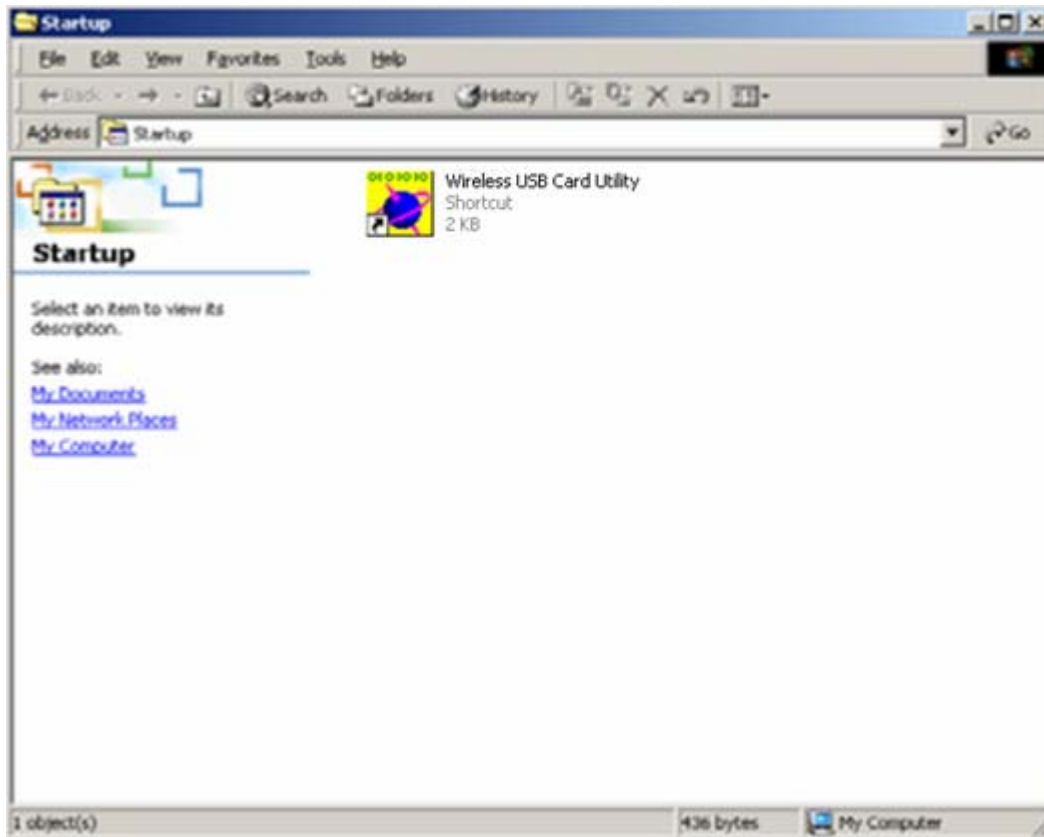
19. Close all windows on your system and restart your system. The Wireless Utility window should load up when you start your system and you can now configure your wireless connection with the Wireless Utility.

Wireless Configuration Troubleshooting

If you're having trouble getting connected to your wireless network, please check the following:

● If you have any other wireless devices that use 2.4 GHz bandwidth (such as cordless phones, wireless headsets, Bluetooth, and etc.) that's near the wireless adapter, try moving those devices away from the adapter itself.
● Avoid microwaves and television sets between your wireless adapter and your wireless network.
● You may want to try setting your wireless network's to a different

channel to avoid interference, please check with your wireless access point to manual to see how to change the wireless channel setting.

- If you placed your system far away from the wireless network (200-300 feet) indoors, you may want to consider purchasing a wireless extender kit to get a better signal strength to your system.
- If the Internet is down, check to make sure your wireless access point is getting Internet connection, before troubleshooting the wireless adapter portion.
- You may want to try renewing your IP address, if your wireless network is using DHCP you can simply restart the system or try the following:

For Windows 2000 and XP, Windows Vista users:

1. Go to your start menu
2. Select "Run…"
3. Type in "cmd" and enter (without the quotes)
4. In the command prompt window, type in "ipconfig /release" (without the quotes)
5. When it displays your IP address as 0.0.0.0, type in ipconfig /renew" (without the quotes)
6. Once it gives you a new IP address, you should be connected to your wireless network

For Windows 98 SE and ME users:

1. Go to your start menu.
2. Select "Run…".
3. Type in "winipcfg" and enter (without the quotes).
4. Click on the "release all" button.
5. Click on the "renew all" button.
6. When Windows complete the renew process, you should be connected to your wireless network.

Try other ports for your adapters. For example:

-   If you have a USB adapter, try using another USB port on your system
- If you have a PCI adapter, try using another PCI port on your system
(please make sure you shut down your system before unplugging the PCI
adapter).
- If you have a notebook adapter, try using the other cardbus port on your
notebook.

-   If you have wireless security settings on your wireless network, please
    ensure that you typed it in correctly with the configuration tools. It's best
    if you have a flash-based USB drive to copy and paste your wireless
    security settings such as WEP and WPA keys.
-   If either "Wireless Utility" or "Microsoft zero configuration" doesn't work,
    you can choose one over the other, by right-clicking the Wireless Utility's
    task and select the configuration tool you wish to use.

This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that
may cause undesired operation.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an
uncontrolled environment.
The antenna(s) used for this transmitter must not be co-located or operating
in conjunction with any other antenna or transmitter.

FCC statement in User's Manual (for class B)

"Federal Communications Commission (FCC) Statement

This Equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

1. The device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
   (1) This device may not cause harmful interference, and
   (2) this device must accept any interference received, including interference that may cause undesired operation.

2. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

3. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.