CellRoute 3G

Fixed Wireless Terminal

Data Connectivity

Version 2 – December 2010

CellRoute 3G Data Connectivity

This manual will help you to set-up the CellRoute 3G on your PC or laptop. Follow the instructions that apply to the version of Windows that you are running. Instructions are supplied for Windows XP and Windows 7.

NOTES:

1. The CellRoute 3G driver package is required. The latest drivers can be downloaded from:

    www.telecomfm.co.uk/cellroute-driver

   After downloading the zip file extract the contents to a folder on your PC.

2. The Access Point Name (APN) for the mobile network is required. If this is not known, request this information from your mobile provider.

3. Before beginning ensure that the CellRoute 3G has a data enabled SIM inserted and is powered up in accordance with the "getting started" section of the handbook.

CellRoute 3G Data Connectivity
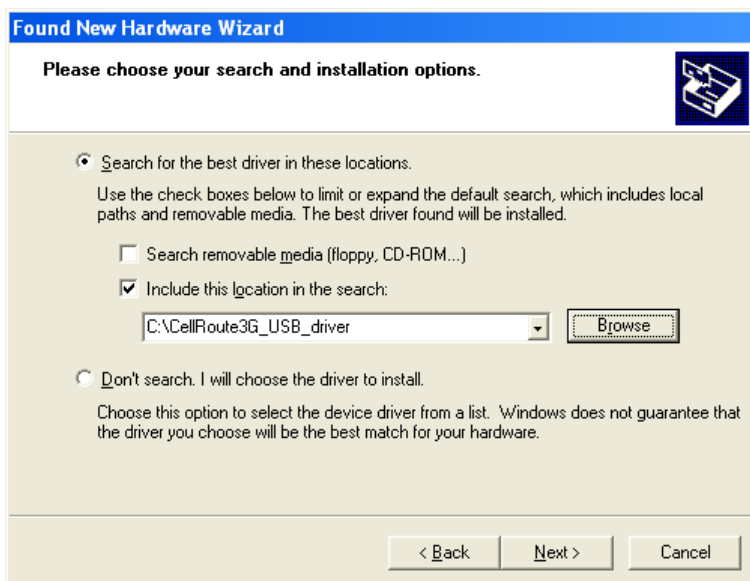# Windows XP - Installation

1. Connect the CellRoute 3G to an available USB port on your PC. The "Found New Hardware" indication will appear followed by the Hardware Wizard:

2. Select "Install from a list or specific location (Advanced)" and click **Next**:
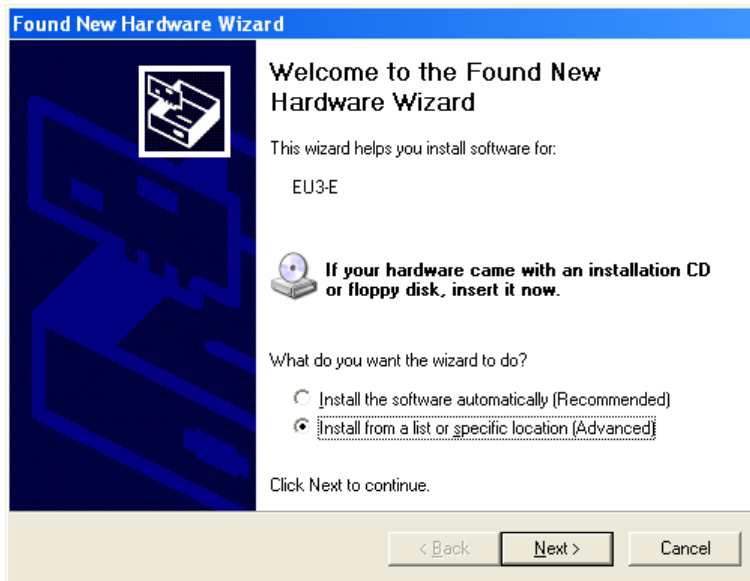
3. Select "Search for the best driver in these locations", tick "Include this location in the search" and click the **Browse** button to locate the folder where the driver was saved to. Click the **Next** button:
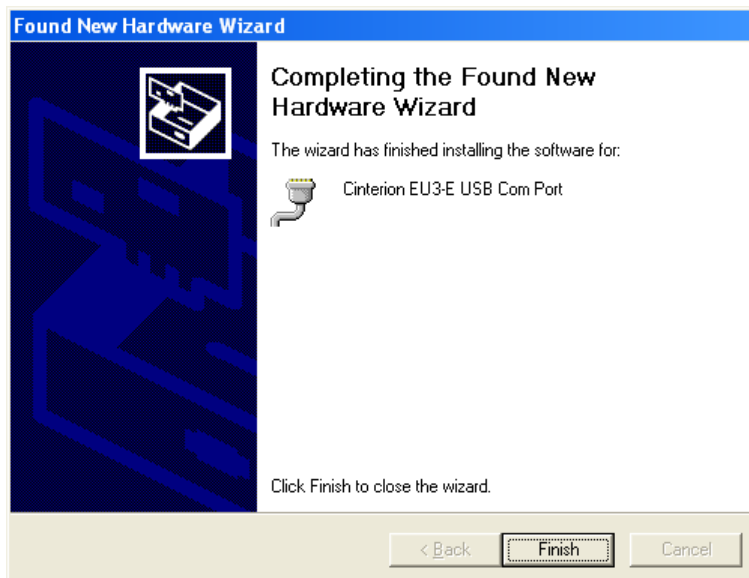
4. If the following warning is displayed about Windows Logo testing click the **Continue Anyway** button to install the driver:
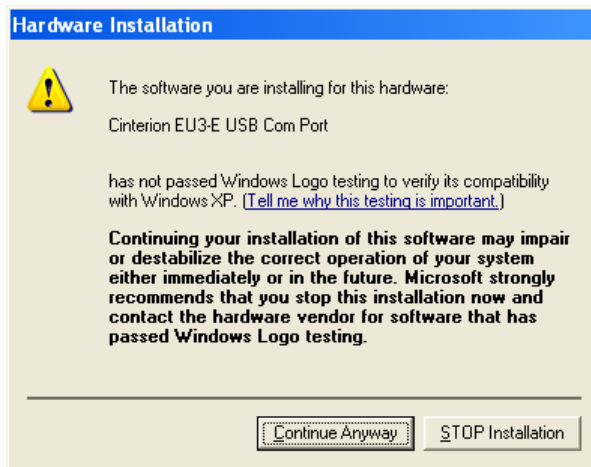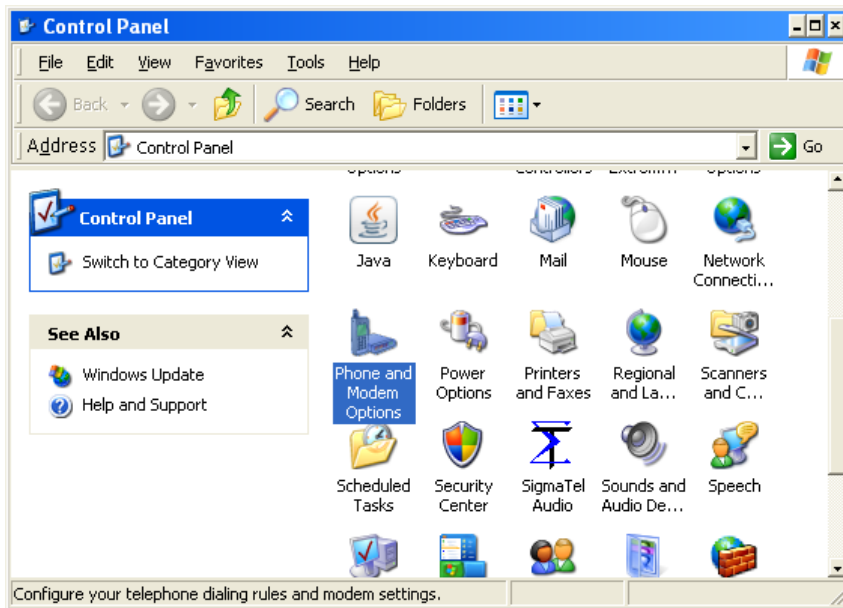

5. Click the **Finish** button to close the Hardware Wizard:

6. Repeat Steps 2-5 for both the "Cinterion EU3-E USB Diag Com Port" and "Ciinterion EU3-E USB Modem" devices.
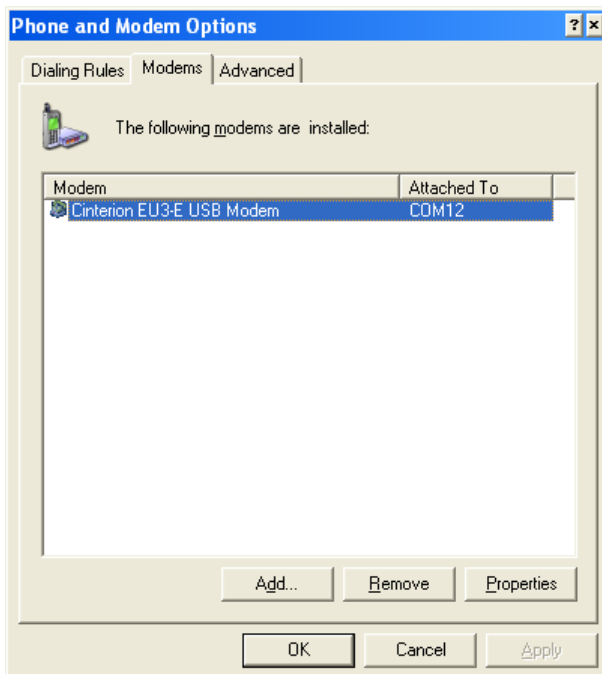
7. Click on the **Start** menu, **Control Panel**. Double-click the "Phone and Modem Options":

Note: If the screen displayed differs to that shown here click **Switch to Classic View**

8. Click on the "Modems" tab. Select the "Cinterion EU3-E USB Modem" and click the **Properties** button:

9. Click on the "Advanced" tab. Under Extra initialisation commands enter the following text exactly as it appears here:
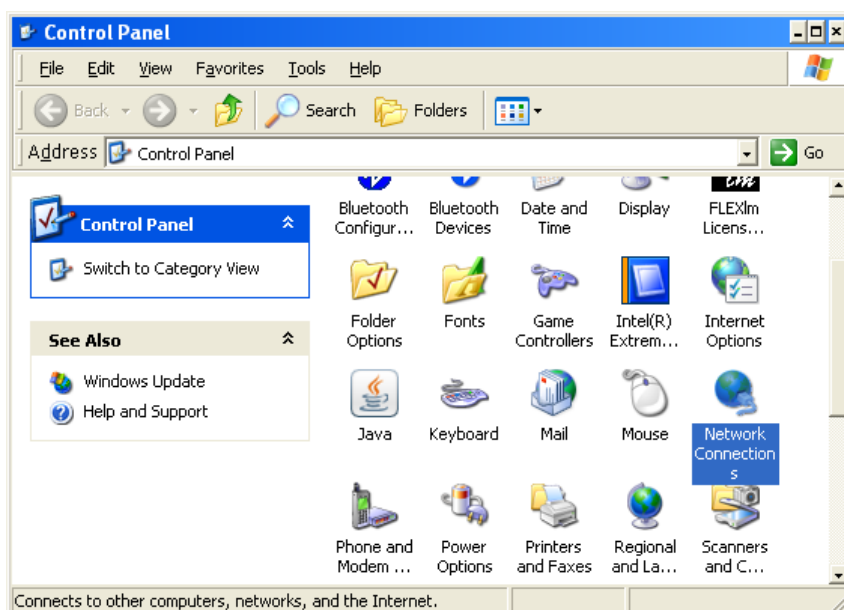
   at+cgatt=1; +cgdcont=1,"IP","**apn**"

   where **apn** is the access point name provided by the Network operator (for example, the **apn** for the O2 UK network is **mobile.o2.co.uk** and the **apn** for the Orange UK network is **orangeinternet**)

   Click the **OK** button to close the Modem properties dialog box and then click **OK** to close the Phone and Modem Options dialog box.

10. From the Control Panel, double-click **Network Connections**:

11. Click **Create a new Connection**. The New Connection Wizard will be displayed, click **Next** to continue:

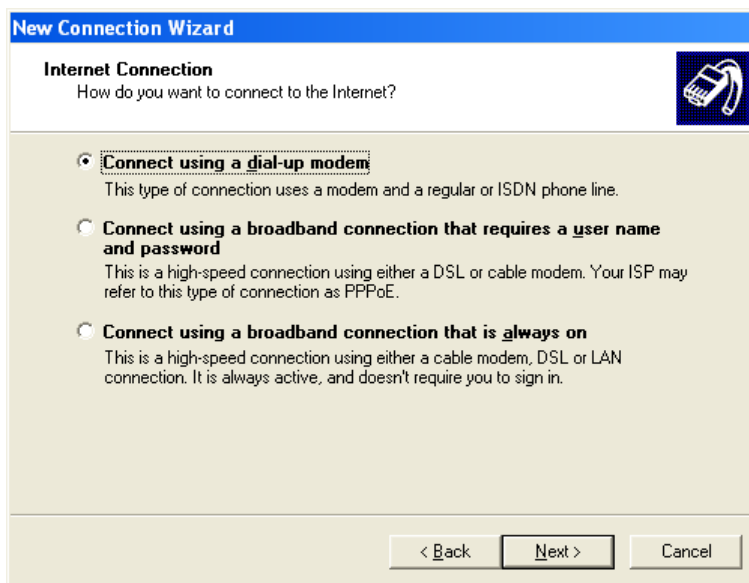12. Select "Connect to the Internet" and click **Next**:

13. Select "Set up my connection manually" and click **Next**:
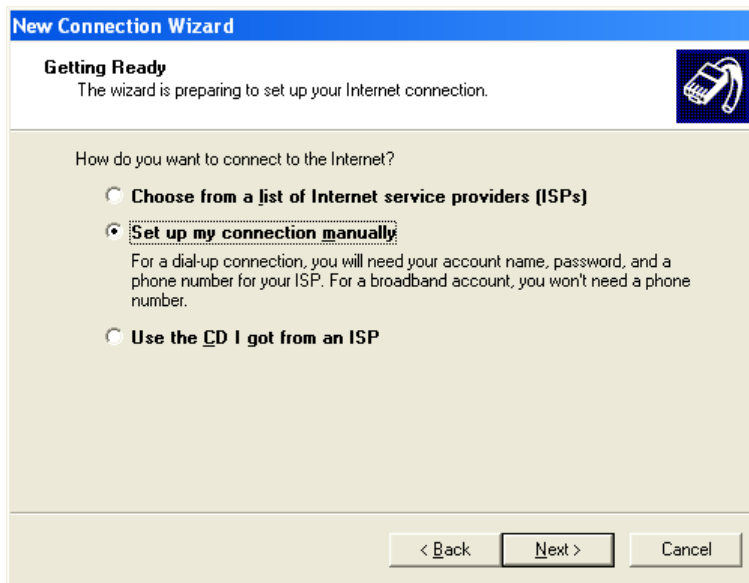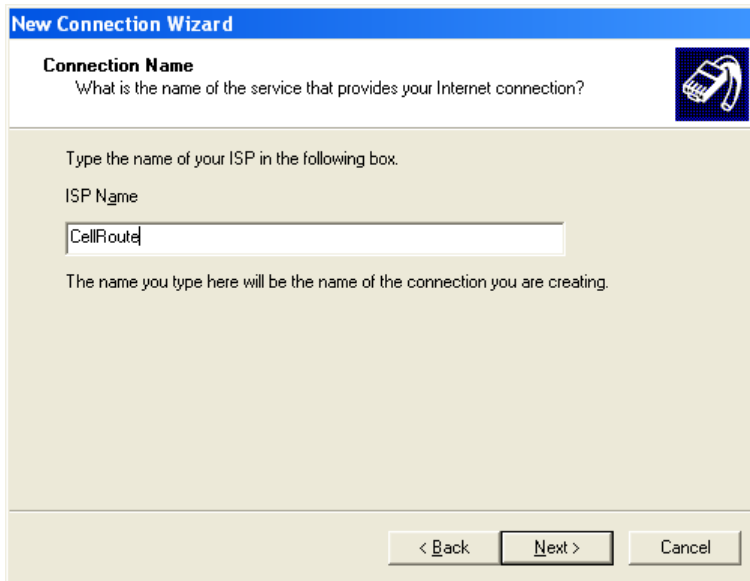
14. Select "Connect using a dial-up modem" and click **Next**:
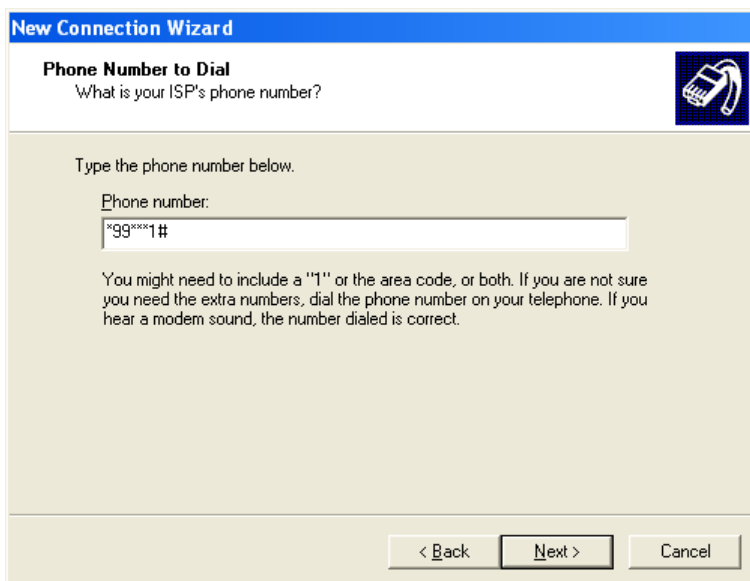
15. Enter a name to identify the connection and click **Next**:

16. Enter the following in the Phone number box and click **Next**:

    *99***1#

17. Select whether this connection should be available to all users of the computer and click **Next**:
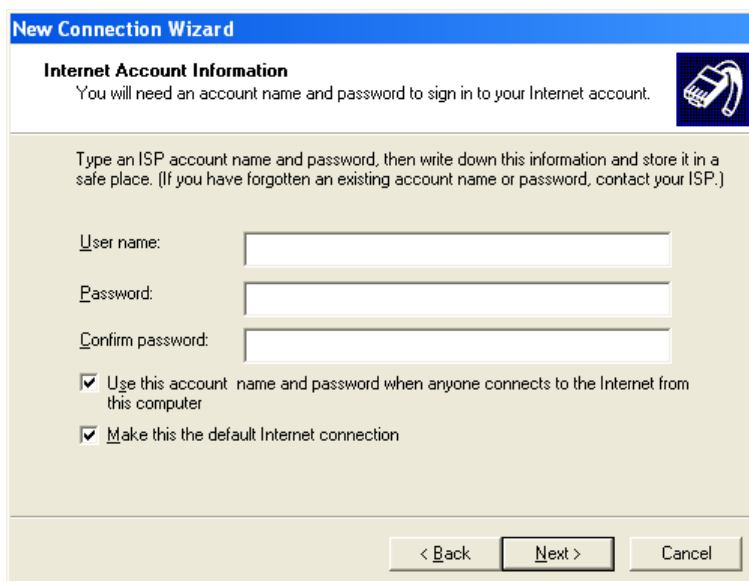
18. Leave the username and password fields blank and click **Next**:

19. Tick the box to add a shortcut to the connection on the desktop and click **Finish**:

Installation is now complete.

CellRoute 3G Data Connectivity
Windows XP - Connecting

1. Double-click the connection shortcut on the desktop. The Connect dialog will be displayed:

2. Leave the Username and Password blank and click the **Dial** button. The Connecting… dialog will be displayed:

3. When a connection has been established an icon will be displayed in the taskbar:

   A connection to the internet will now be available and the web browser can be opened to begin using the connection.

CellRoute 3G Data Connectivity
# Windows XP - Disconnecting

When on-line there is a computer icon in the bottom right corner of the screen that flashes whenever data is being transferred.
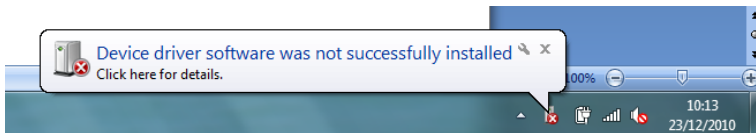

To terminate the connection, right click on this icon and click on **Disconnect**.

CellRoute 3G Data Connectivity
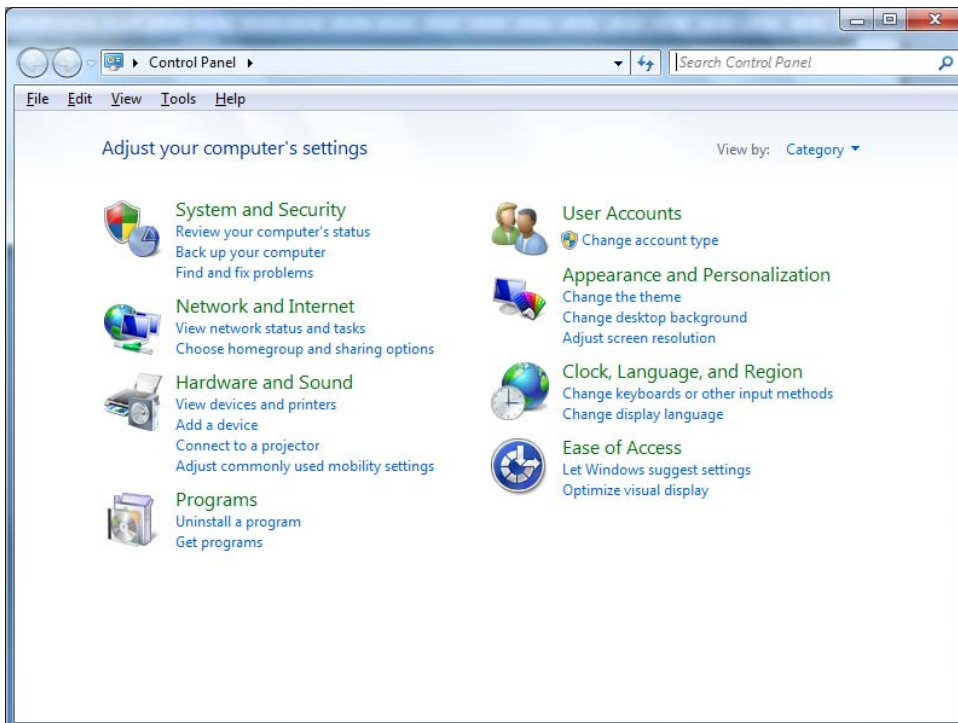# Windows 7 - Installation

1. Connect the CellRoute 3G to an available USB port on your PC. The "Installing device driver software" indication will appear:
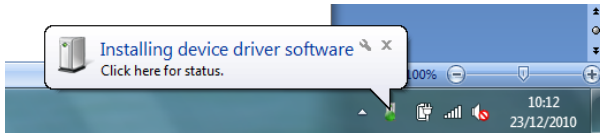
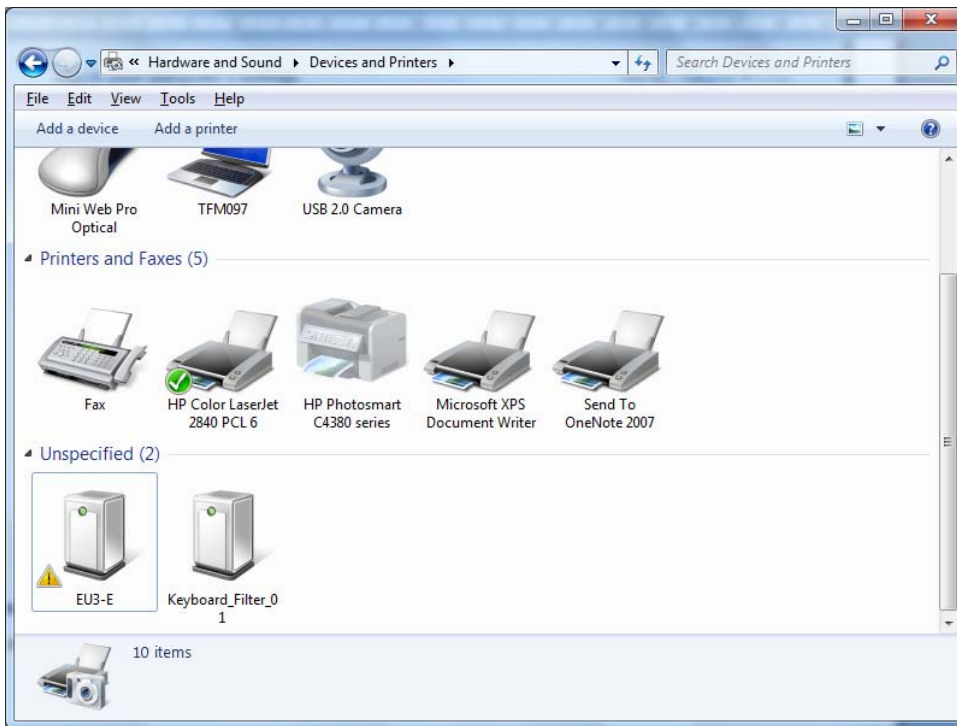   After a few seconds a message will be displayed showing that automatic installation failed:

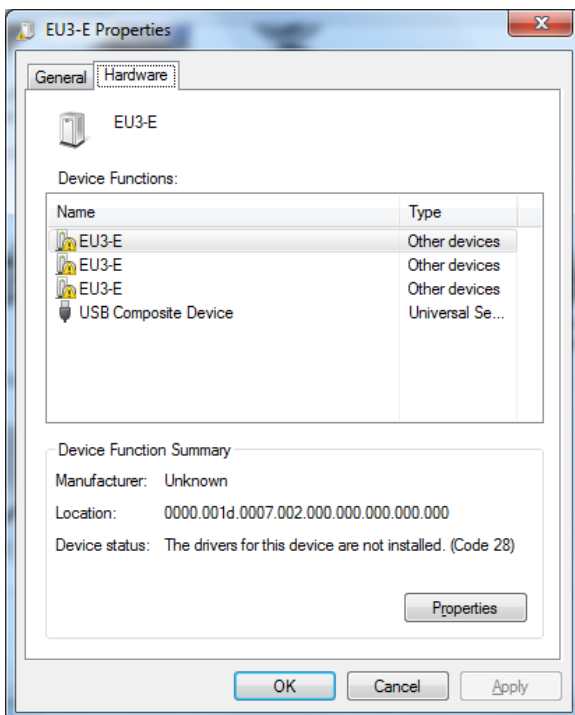2. Click on the **Start** menu, **Control Panel**:

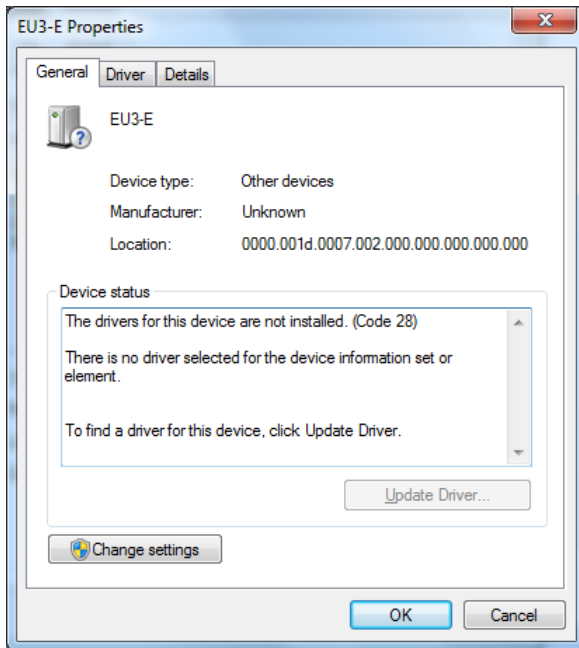3. Under "Hardware and Sound" click **View Devices and Printers**

4. Under "Unspecified", double-click on the **EU3** device. The "EU3 Properties" window will be displayed. Click on the **Hardware** tab:
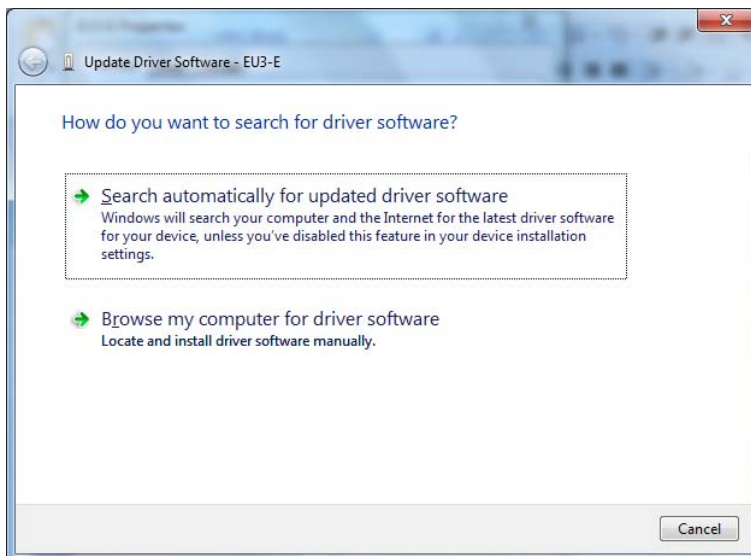
5. There will be 3 entries for "EU3". Click on the 1st entry and click the **Properties** button

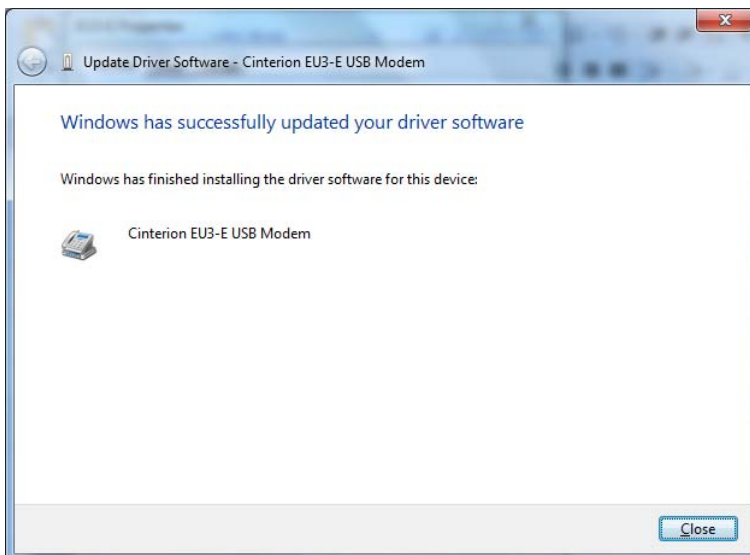6. Click the **Change settings** button followed by the **Update Driver…** button

7. Click **Browse my computer for driver software**. Click the **Browse…** button and select the folder that the CellRoute driver was extracted to.
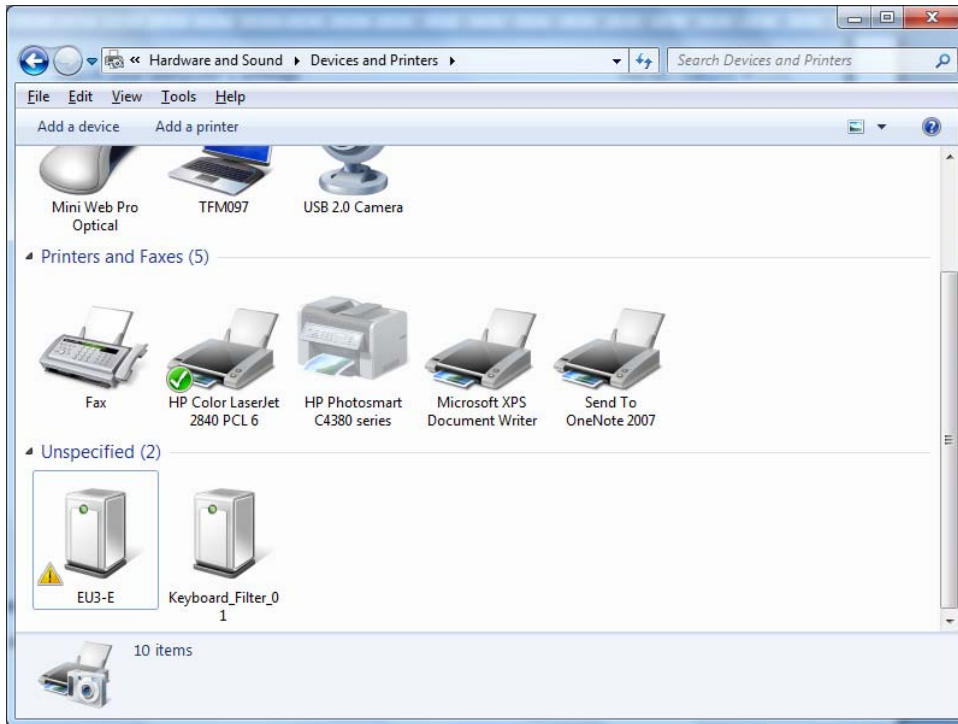

8. Click **Next**. After a few seconds the Finish screen should be displayed.
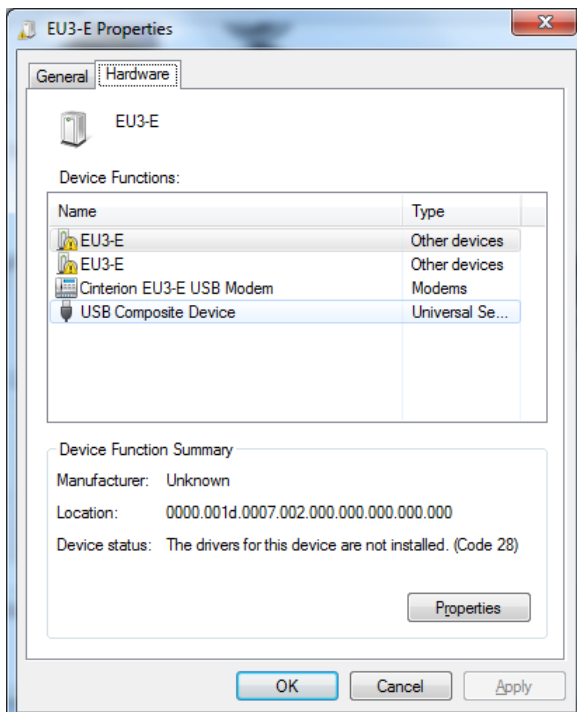
9. Click the **Close** button then click the **Close** button on the Modem properties window followed by the **OK** button on the "EU3 Properties" window. You should now be back at the "Devices and Printers" window:
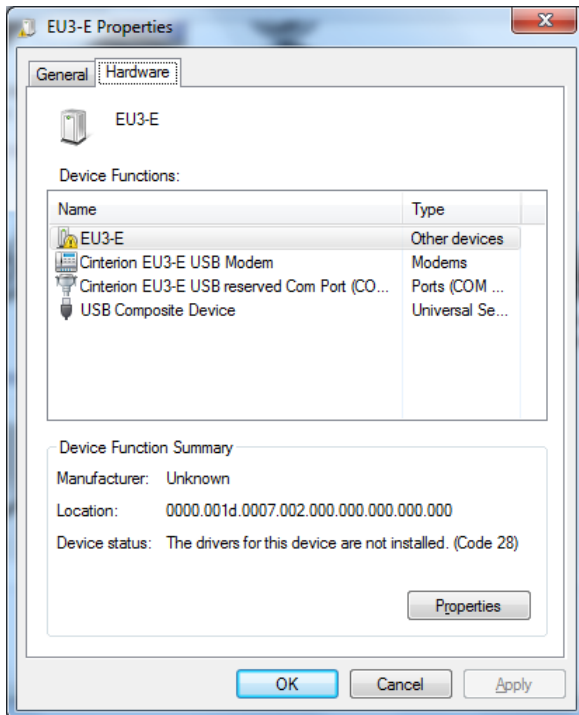

10. Double-click the **EU3** device again and click on the **Hardware** tab.
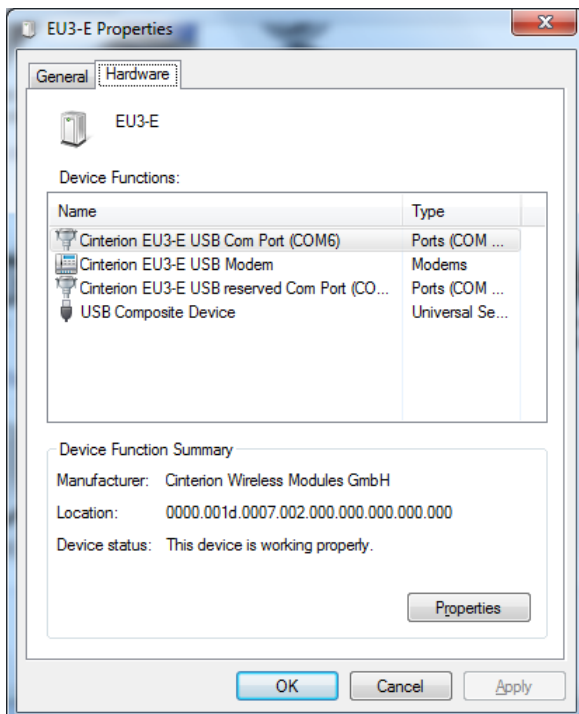
11. Select one of the unidentified "EU3" devices (shown by the ! icon) and click **Properties**. Repeat steps 5-10 above to install the driver for this device.
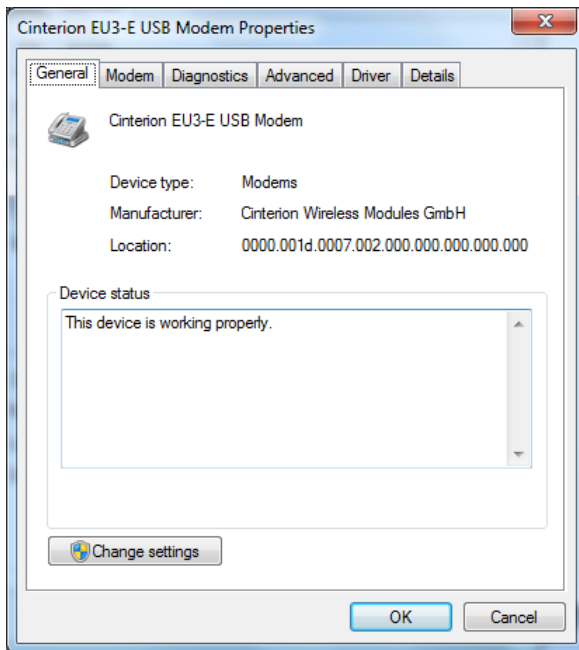

12. Select the last unidentified "EU3" device (shown by the ! icon) and click **Properties**. Repeat steps 5-10 above to install the driver for this device. All 3 devices should now be identified:

13. Select the "Cinterion EU3 USB Modem" device and click **Properties**


14. Click the **Change settings** button and then click on the **Advanced** tab

    Under Extra initialisation commands enter the following text exactly as it appears here:

    at+cgatt=1; +cgdcont=1,"IP","**apn**"

    where **apn** is the access point name provided by the Network operator (for example, the **apn** for the O2 UK network is **mobile.o2.co.uk** and the **apn** for the Orange UK network is **orangeinternet**)
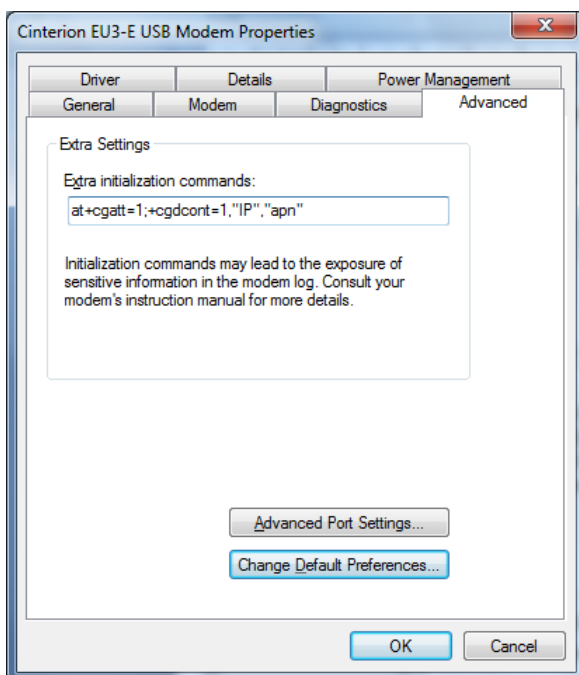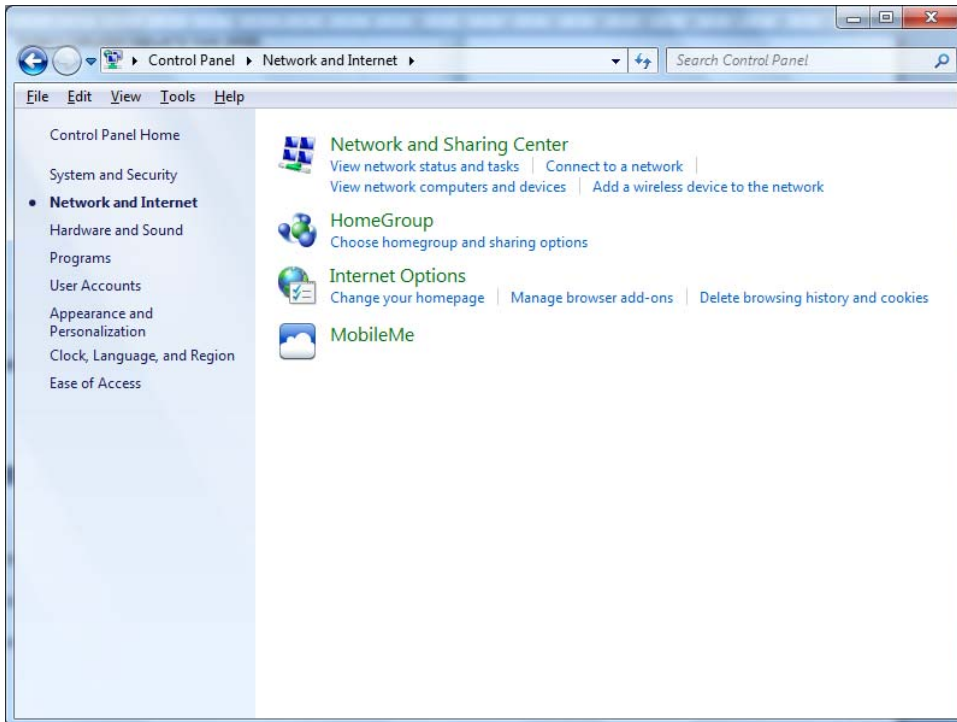

    Click the **OK** button to close the Modem properties dialog box and then click **OK** to close the EU3 properties dialog box.
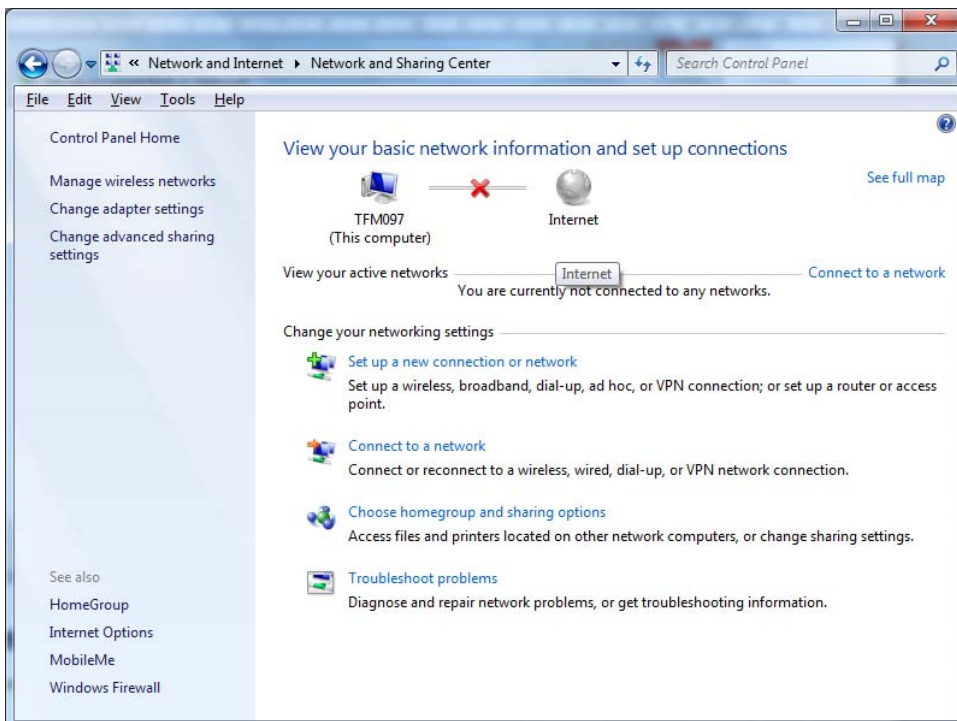
15. From the Control Panel, click **Network and Internet**

    Click **Network and Sharing Centre**.

16. Click **Set up a connection or network:**
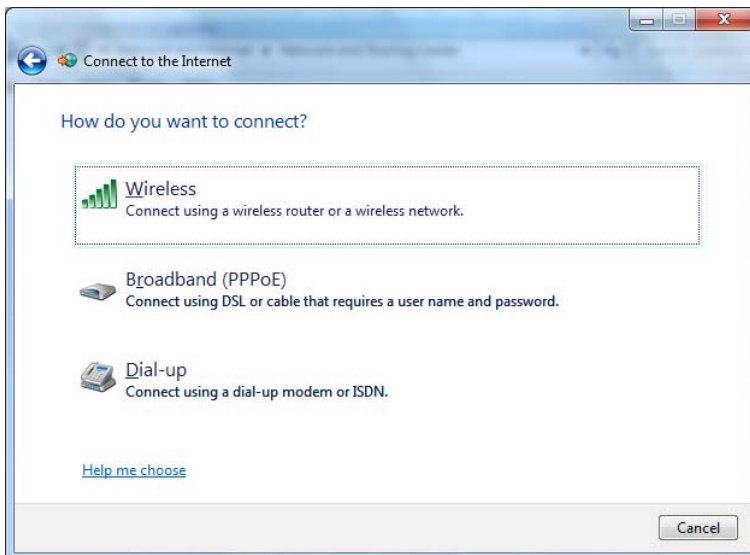
17. Select "Connect to the Internet" and click **Next**:
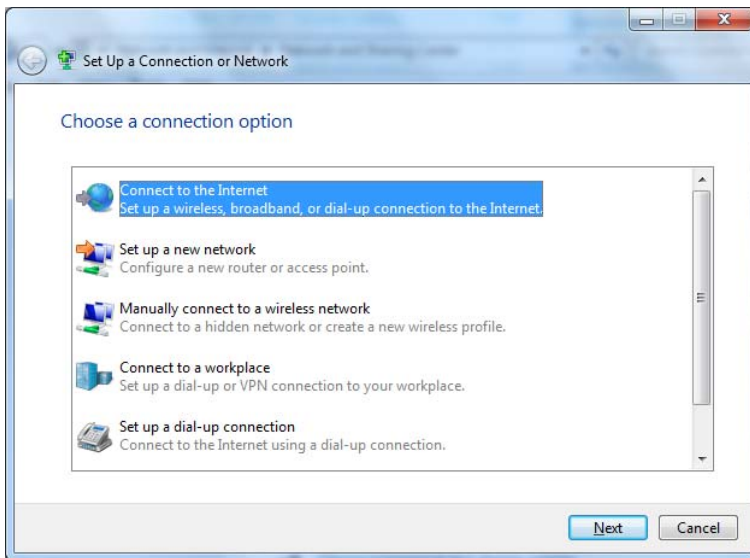
18. Click **Dial-up**:

19. Click **Cinterion EU3 Modem:**
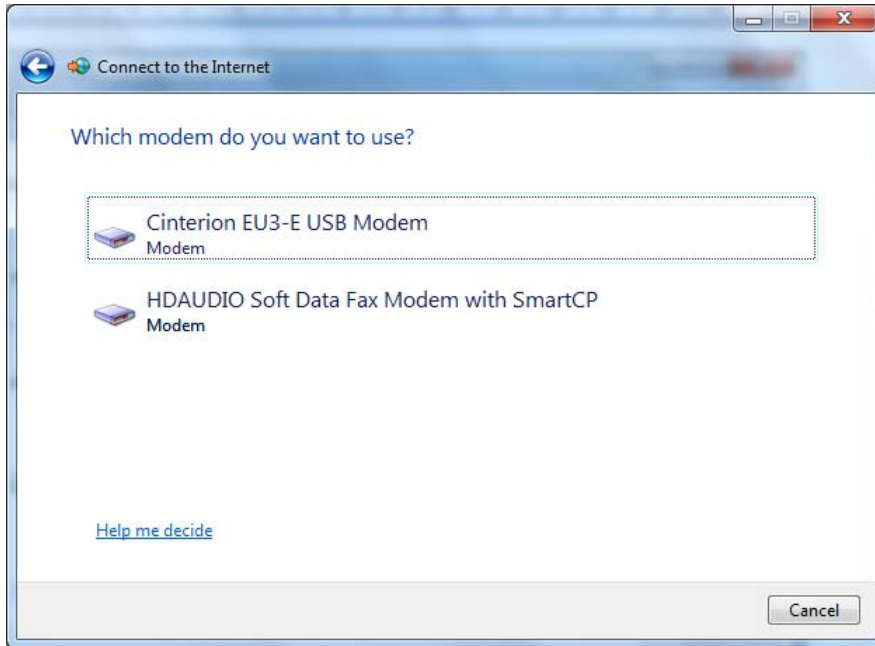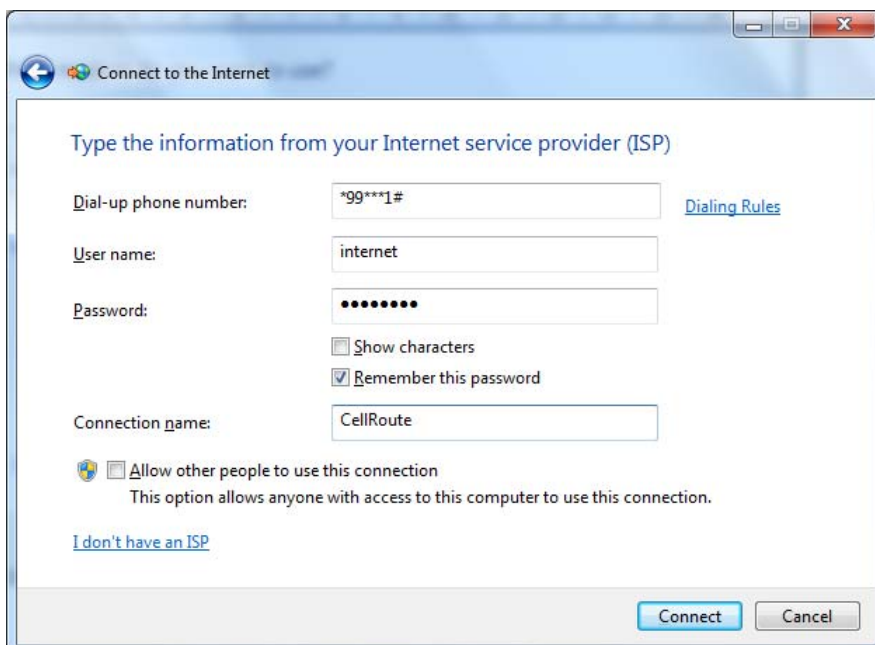

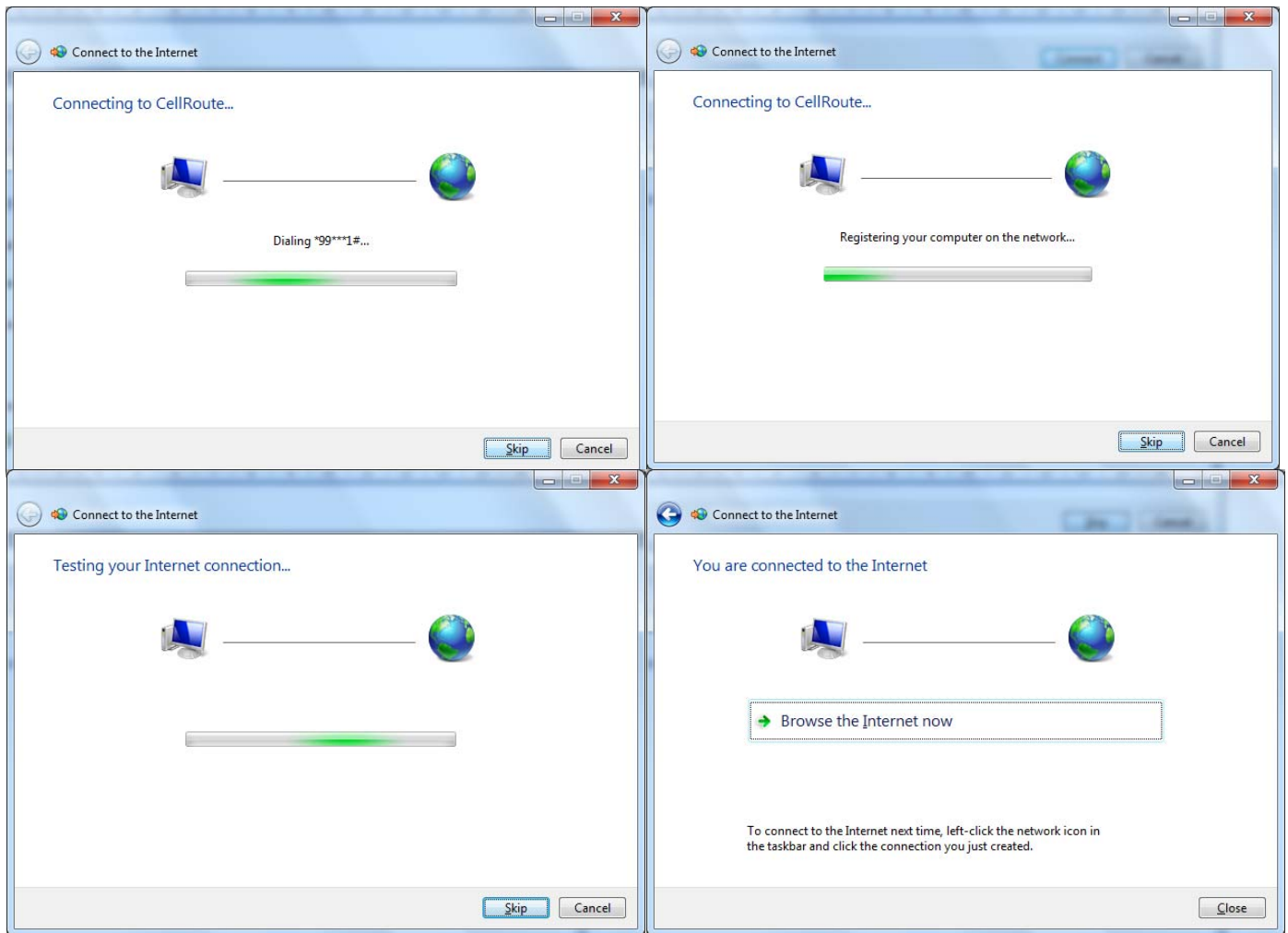20. In the phone number box enter the following:

   *99***1#

   If your network provider requires a username and password enter them.
   Enter a "connection name" of "CellRoute" to identify the connection:

21. Click **Connect** – you should then see the connection dialling, your computer being registered, the internet connection testing and finally the Connected dialog:
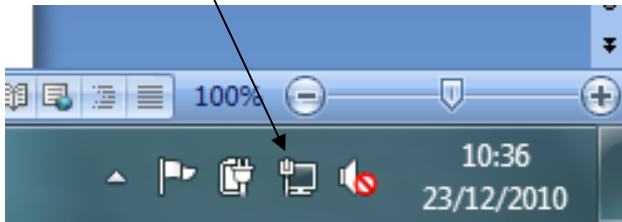

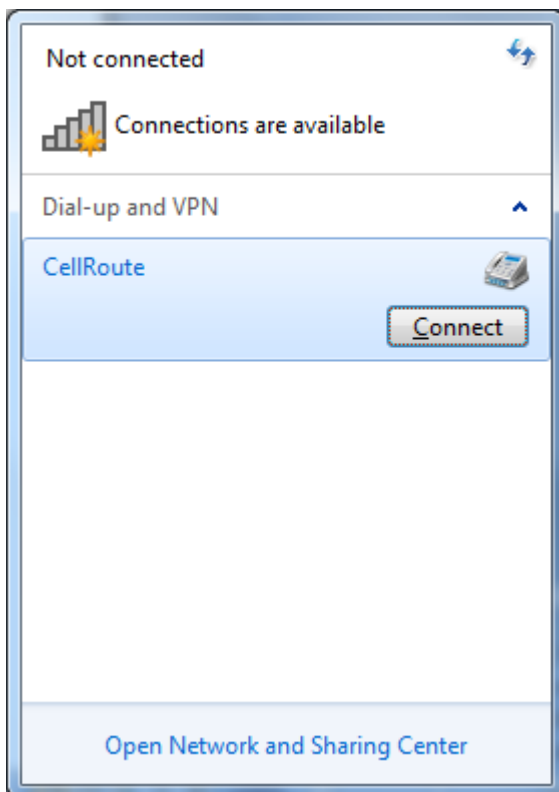22. Click **Close**. Installation is now complete.

CellRoute 3G Data Connectivity
Windows 7 - Connecting

1. Click the Network icon in the taskbar to bring up the list of available network connections:
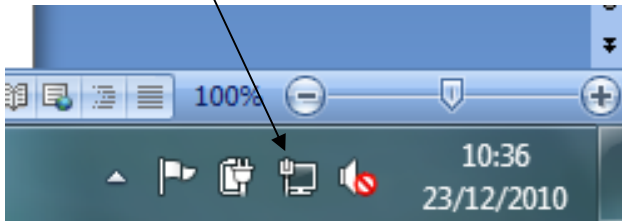

2. Click on the CellRoute connection and click **Connect**:

CellRoute 3G Data Connectivity
Windows 7 - Disconnecting

1. Click the Network icon in the taskbar to bring up the list of available network connections:

2. Click on the CellRoute connection and click **Disconnect**: