



## **CellRoute 3G**

### **Fixed Wireless Terminal**



### **Data Connectivity**

**Version 2 – December 2010**

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](http://www.telecomfm.co.uk/cellroute-driver)

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

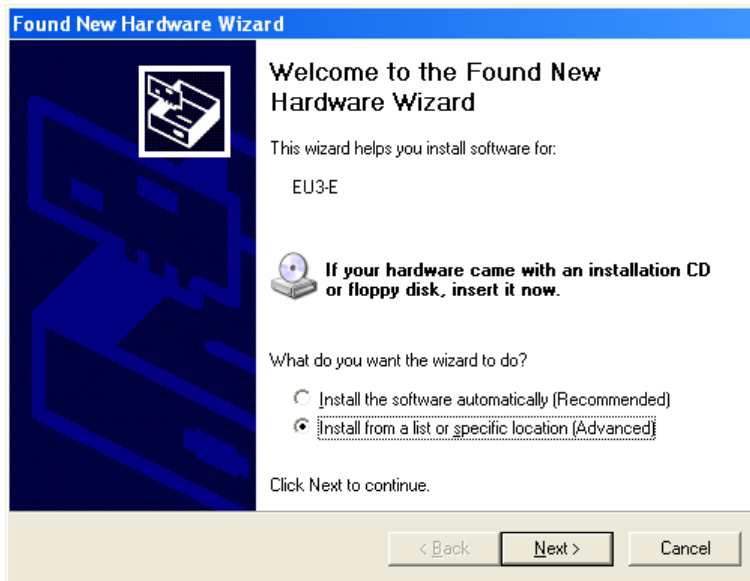
2. The Access Point Name (APN) for the mobile network is required. If this is not known, request this information from your mobile provider.
3. Before beginning ensure that the CellRoute 3G has a data enabled SIM inserted and is powered up in accordance with the "getting started" section of the handbook.

# CellRoute 3G Data Connectivity Windows XP - Installation

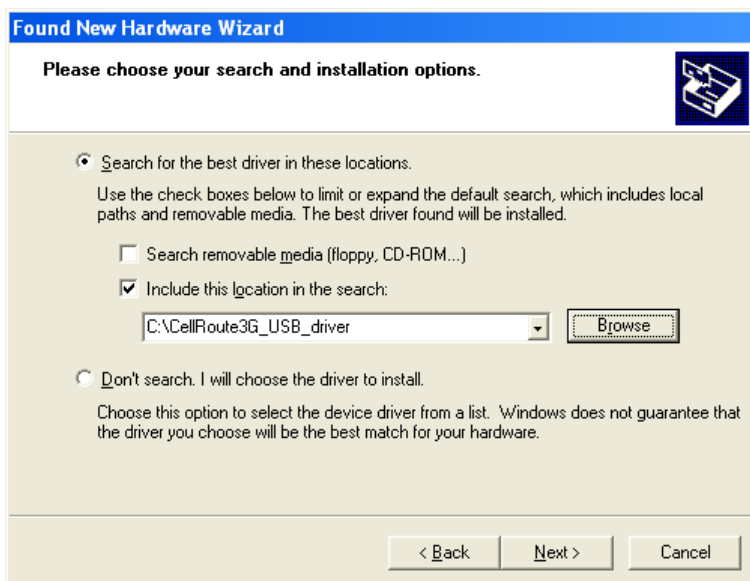
1. Connect the CellRoute 3G to an available USB port on your PC. The "Found New Hardware" indication will appear followed by the Hardware Wizard:



2. Select "Install from a list or specific location (Advanced)" and click **Next**:

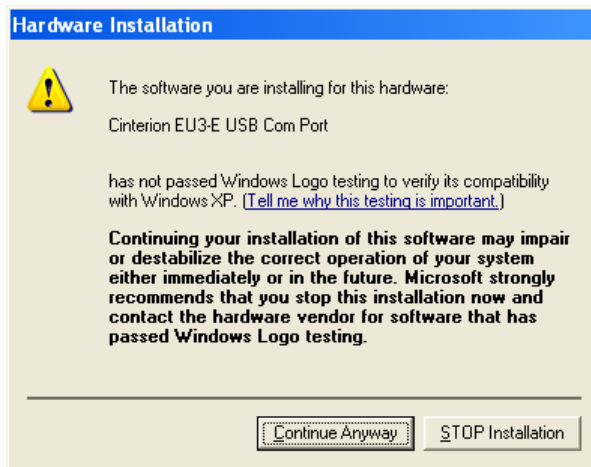


3. Select "Search for the best driver in these locations", tick "Include this location in the search" and click the **Browse** button to locate the folder where the driver was saved to. Click the **Next** button:

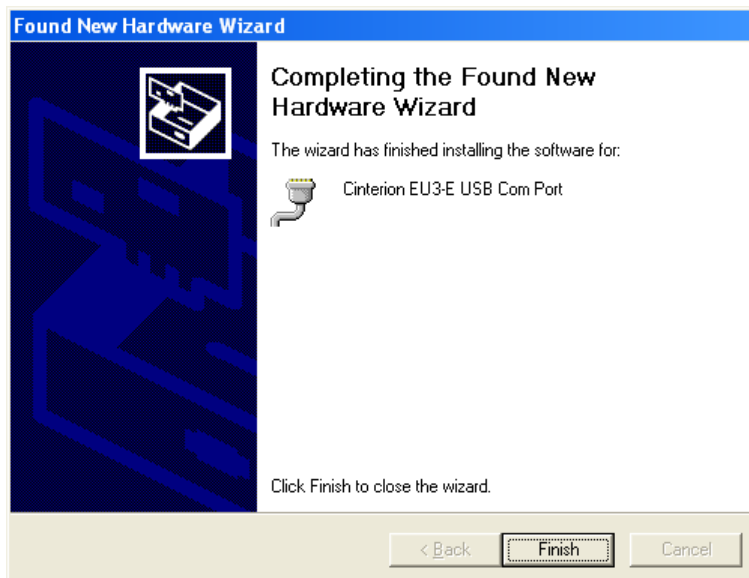


# CellRoute 3G Data Connectivity Windows XP - Installation

4. If the following warning is displayed about Windows Logo testing click the **Continue Anyway** button to install the driver:



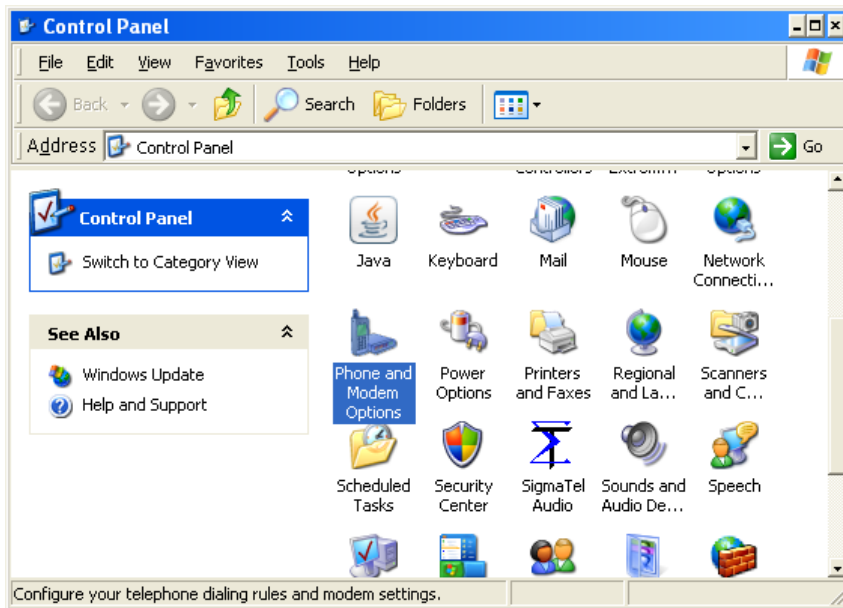
5. Click the **Finish** button to close the Hardware Wizard:



6. Repeat Steps 2-5 for both the "Cinterion EU3-E USB Diag Com Port" and "Ciinterion EU3-E USB Modem" devices.

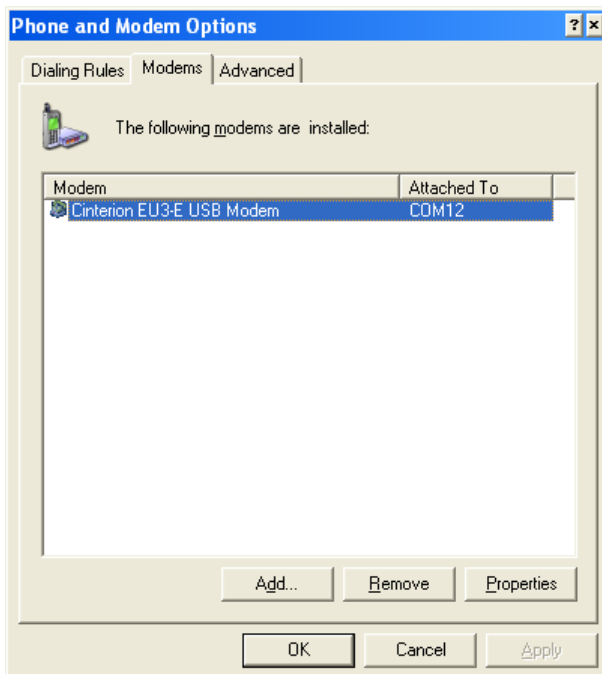
# CellRoute 3G Data Connectivity Windows XP - Installation

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:

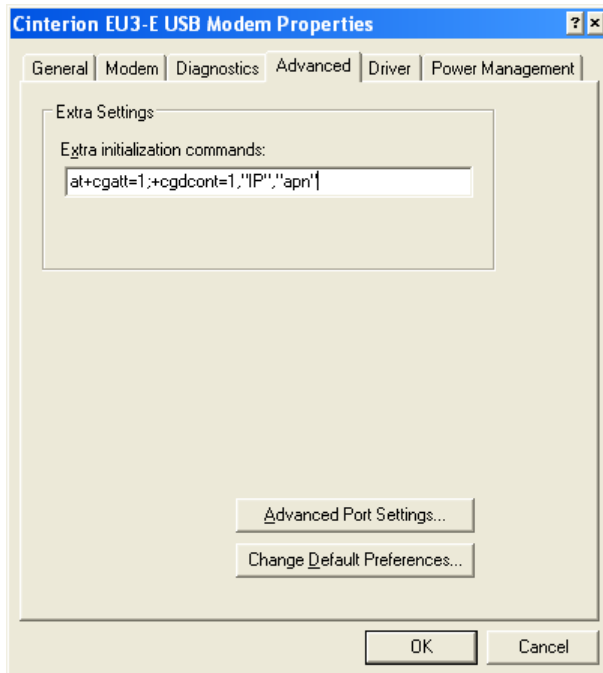


# CellRoute 3G Data Connectivity Windows XP - Installation

9. Click on the "Advanced" tab. Under Extra initialisation commands enter the following text exactly as it appears here:

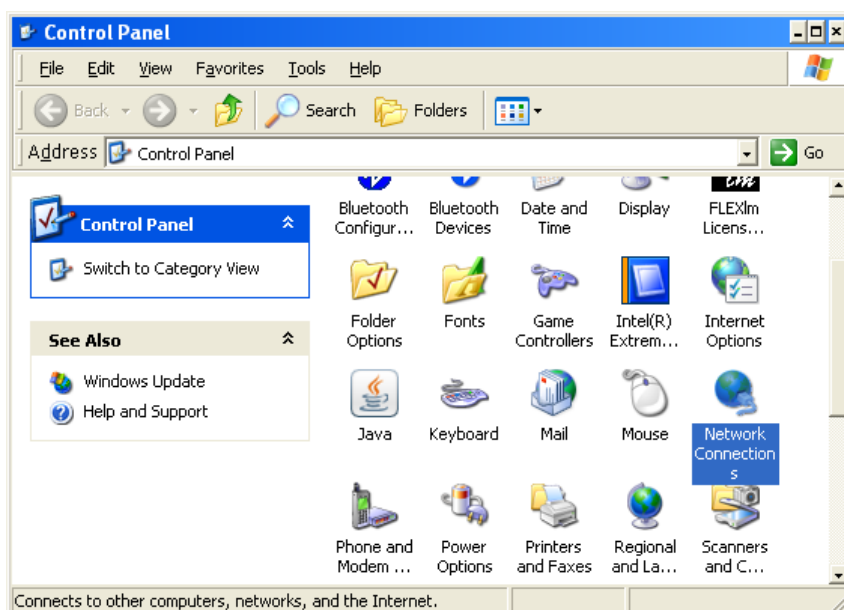
```
at+cgatt=1;+cgdcont=1,"IP","apn"
```

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**:

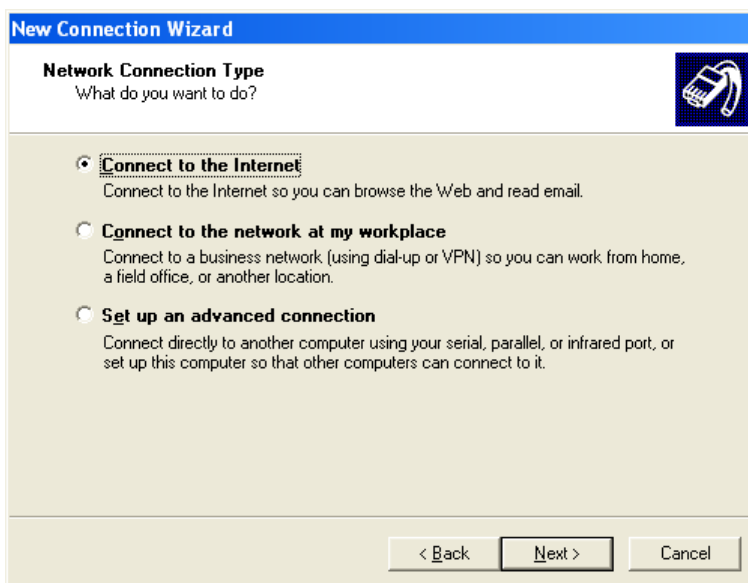


# CellRoute 3G Data Connectivity Windows XP - Installation

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

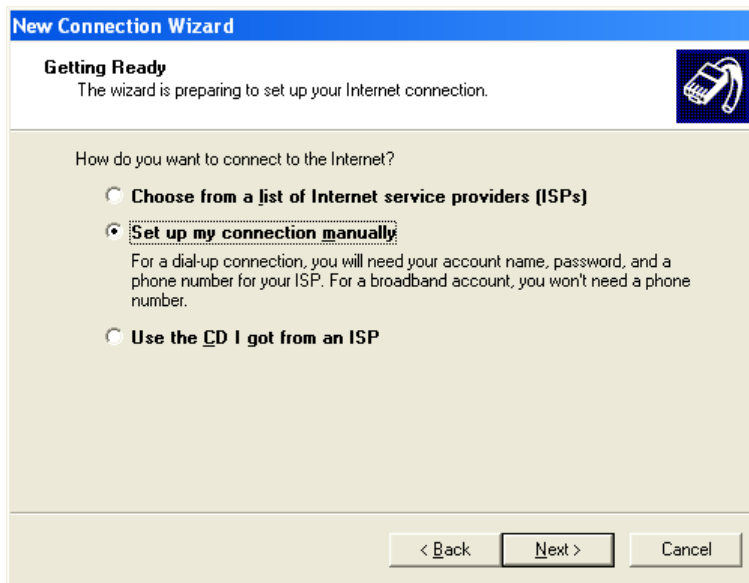


12. Select "Connect to the Internet" and click **Next**:

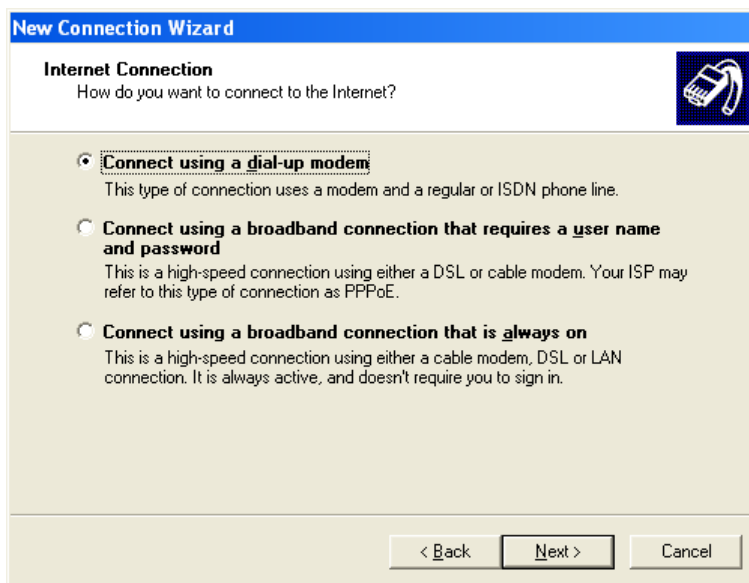


# CellRoute 3G Data Connectivity Windows XP - Installation

13. Select "Set up my connection manually" and click **Next**:



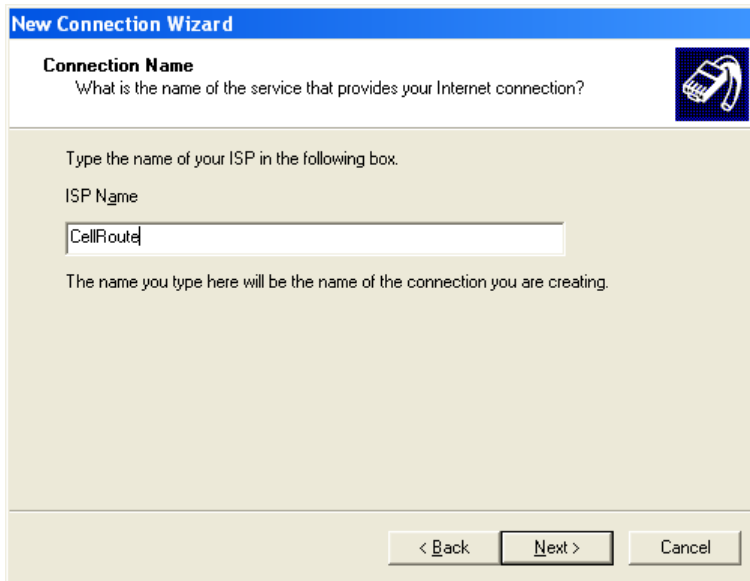
14. Select "Connect using a dial-up modem" and click **Next**:





# CellRoute 3G Data Connectivity Windows XP - Installation

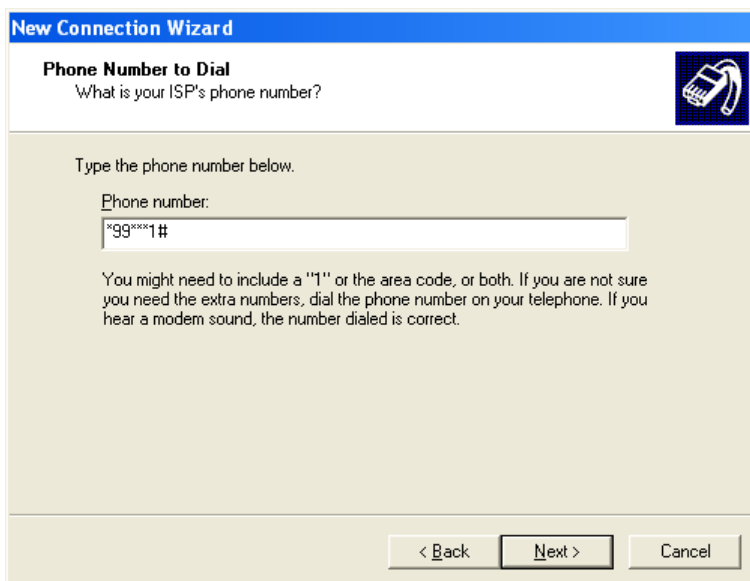
15. Enter a name to identify the connection and click **Next**:



The image shows a Windows XP dialog box titled "New Connection Wizard". The title bar is blue with the text "New Connection Wizard" in white. Below the title bar, the text "Connection Name" is displayed in bold, followed by the question "What is the name of the service that provides your Internet connection?". To the right of this text is a small icon of a mobile phone. Below the question, there is a text box containing the text "CellRoute". Above the text box, the instruction "Type the name of your ISP in the following box." is shown, and below it, the label "ISP Name" is present. At the bottom of the dialog box, there are three buttons: "< Back", "Next >", and "Cancel".

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

\*99\*\*\*1#



The image shows a Windows XP dialog box titled "New Connection Wizard". The title bar is blue with the text "New Connection Wizard" in white. Below the title bar, the text "Phone Number to Dial" is displayed in bold, followed by the question "What is your ISP's phone number?". To the right of this text is a small icon of a mobile phone. Below the question, there is a text box containing the text "\*99\*\*\*1#". Above the text box, the instruction "Type the phone number below." is shown, and below it, the label "Phone number:" is present. Below the text box, there is a paragraph of text: "You might need to include a '1' or the area code, or both. If you are not sure you need the extra numbers, dial the phone number on your telephone. If you hear a modem sound, the number dialed is correct." At the bottom of the dialog box, there are three buttons: "< Back", "Next >", and "Cancel".

# CellRoute 3G Data Connectivity Windows XP - Installation

17. Select whether this connection should be available to all users of the computer and click **Next**:



**New Connection Wizard**

**Connection Availability**  
You can make the new connection available to any user or only to yourself.

A connection that is created for your use only is saved in your user account and is not available unless you are logged on.

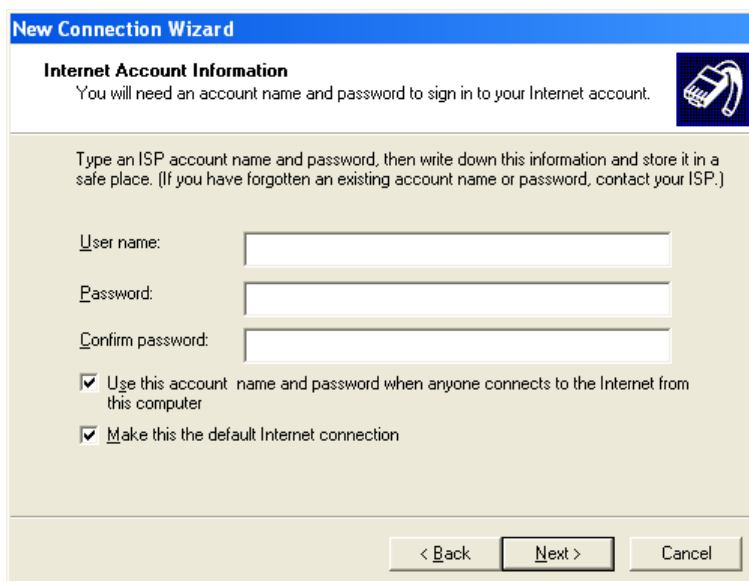
Create this connection for:

Anyone's use

My use only

< Back   Next >   Cancel

18. Leave the username and password fields blank and click **Next**:



**New Connection Wizard**

**Internet Account Information**  
You will need an account name and password to sign in to your Internet account.

Type an ISP account name and password, then write down this information and store it in a safe place. (If you have forgotten an existing account name or password, contact your ISP.)

User name:

Password:

Confirm password:

Use this account name and password when anyone connects to the Internet from this computer

Make this the default Internet connection

< Back   Next >   Cancel

# CellRoute 3G Data Connectivity Windows XP - Installation

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

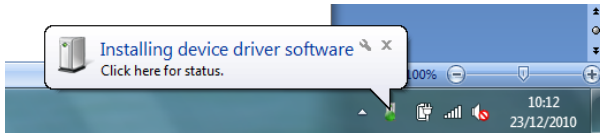
When on-line there is a computer icon in the bottom right corner of the screen that flashes whenever data is being transferred.



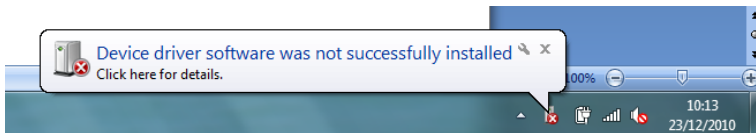
To terminate the connection, right click on this icon and click on **Disconnect**.

# CellRoute 3G Data Connectivity Windows 7 - Installation

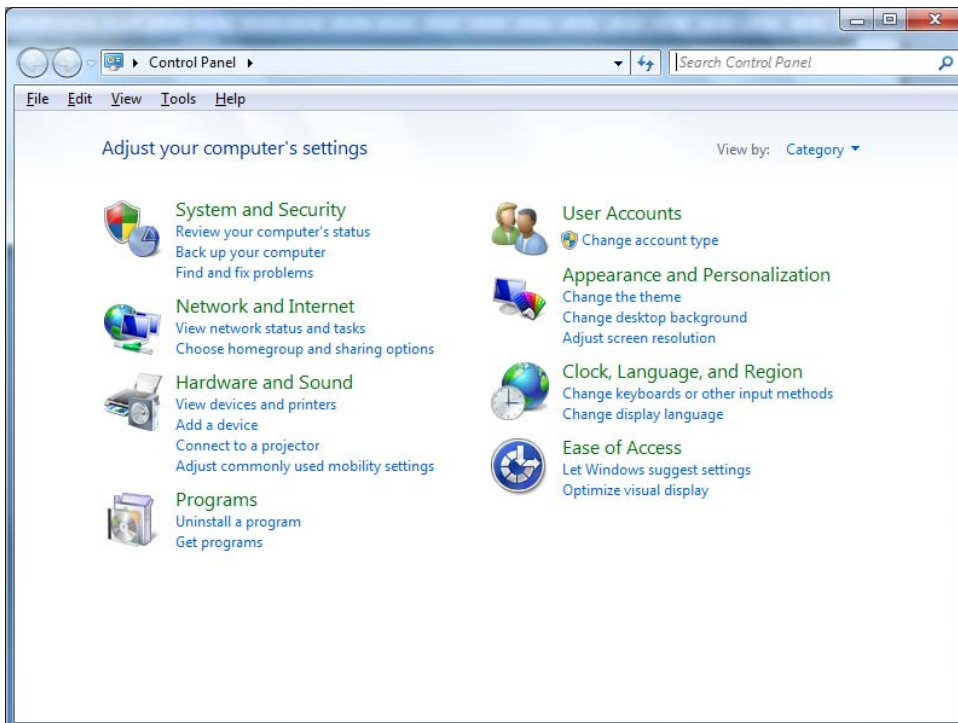
1. Connect the CellRoute 3G to an available USB port on your PC. The "Installing device driver software" indication will appear:



After a few seconds a message will be displayed showing that automatic installation failed:

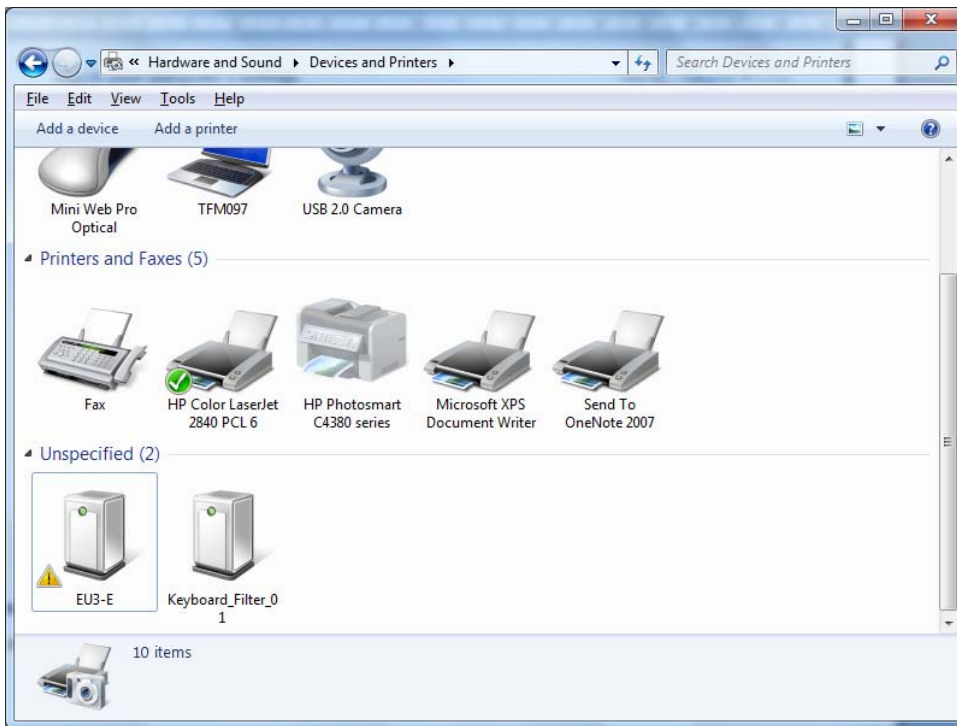


2. Click on the **Start** menu, **Control Panel**:

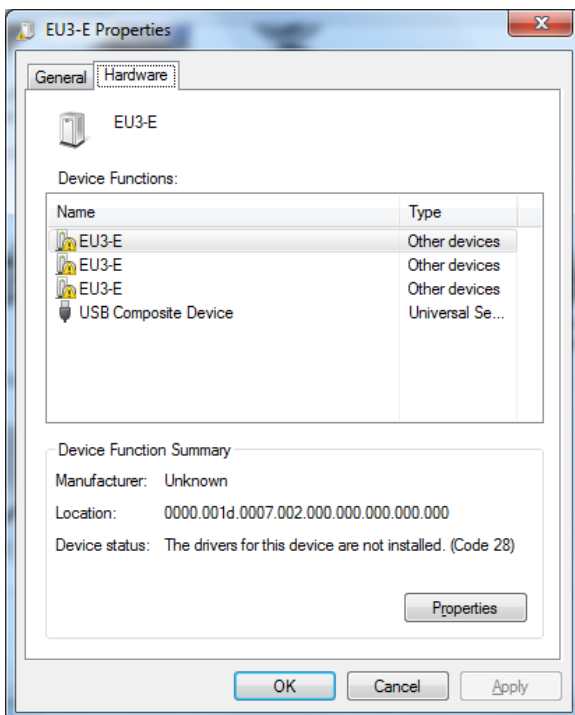


# CellRoute 3G Data Connectivity Windows 7 - Installation

- Under "Hardware and Sound" click **View Devices and Printers**

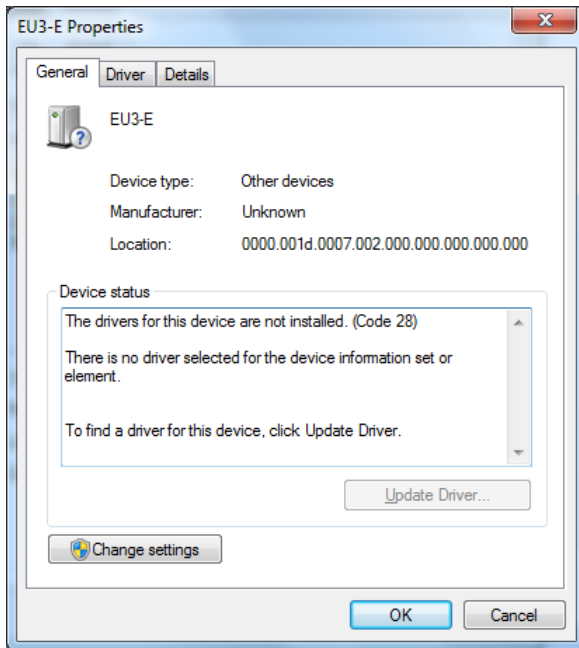


- Under "Unspecified", double-click on the **EU3** device. The "EU3 Properties" window will be displayed. Click on the **Hardware** tab:

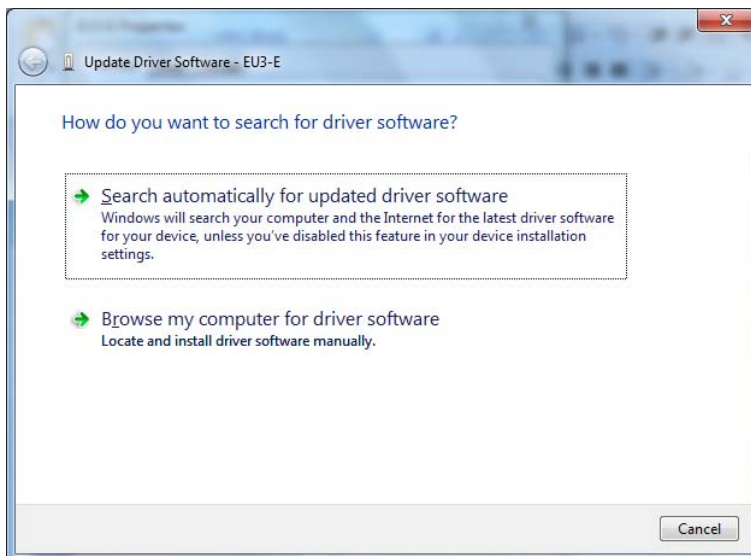


# CellRoute 3G Data Connectivity Windows 7 - Installation

5. There will be 3 entries for "EU3". Click on the 1<sup>st</sup> entry and click the **Properties** button



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



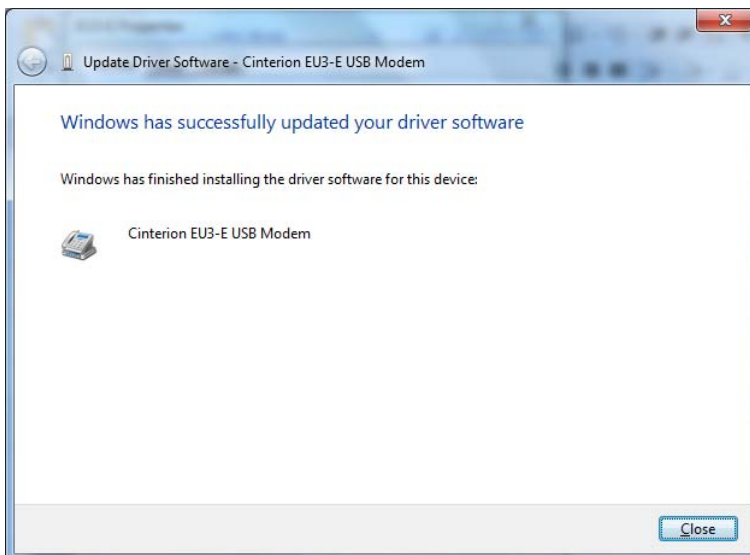


# CellRoute 3G Data Connectivity Windows 7 - Installation

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

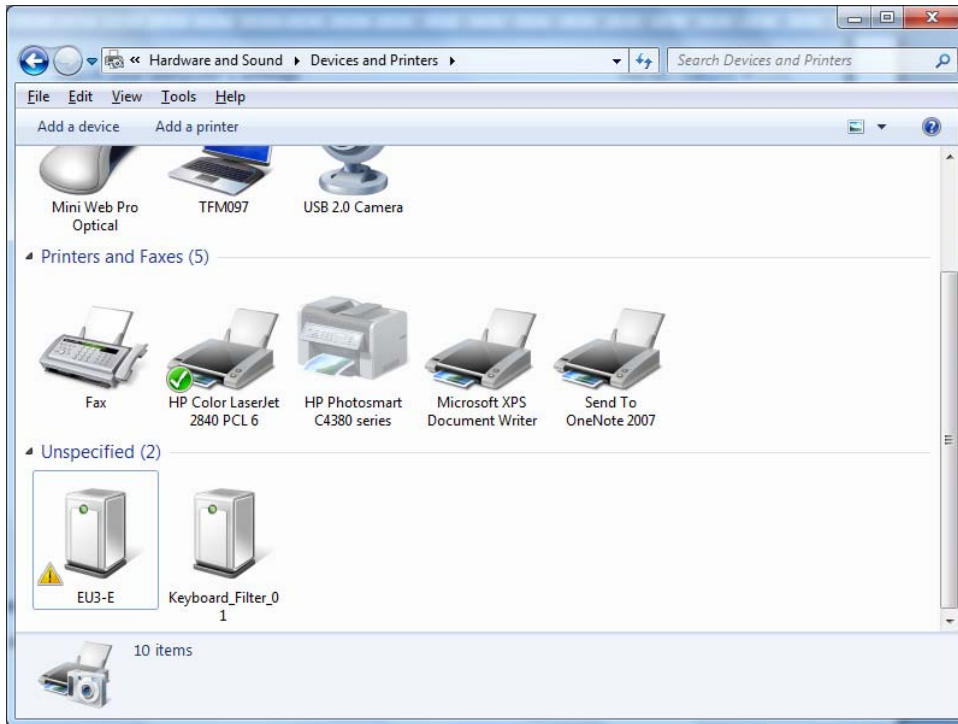


8. Click **Next**. After a few seconds the Finish screen should be displayed.

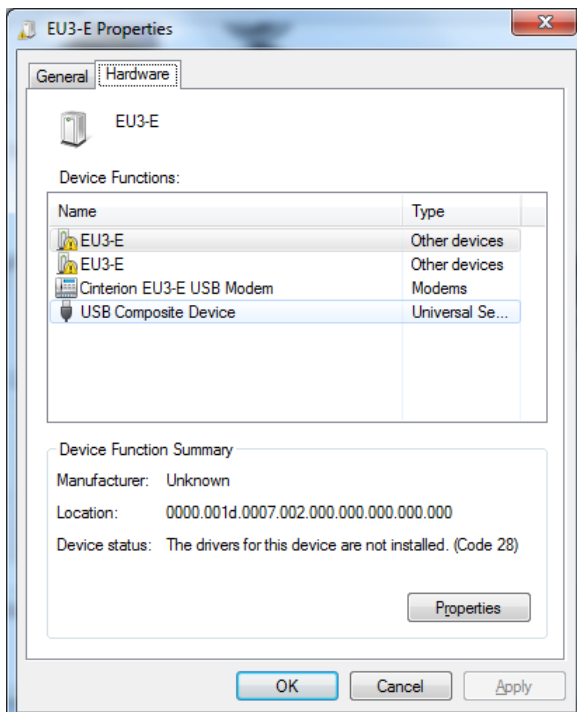


# CellRoute 3G Data Connectivity Windows 7 - Installation

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:

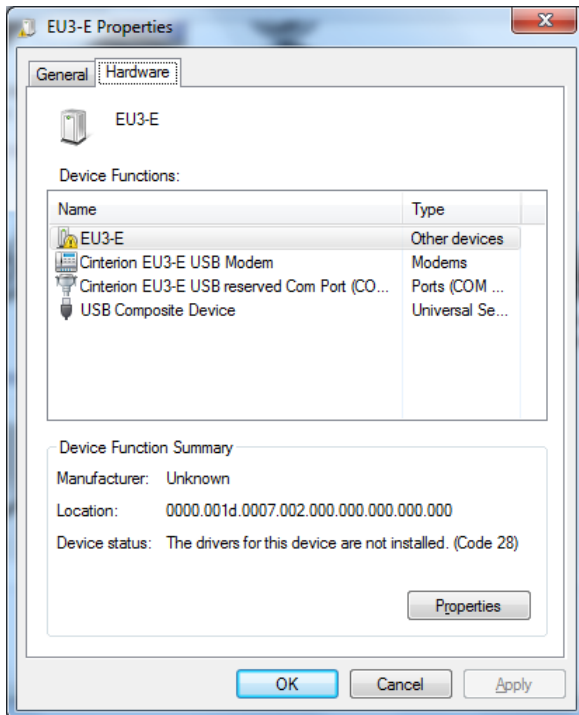


10. Double-click the **EU3** device again and click on the **Hardware** tab.

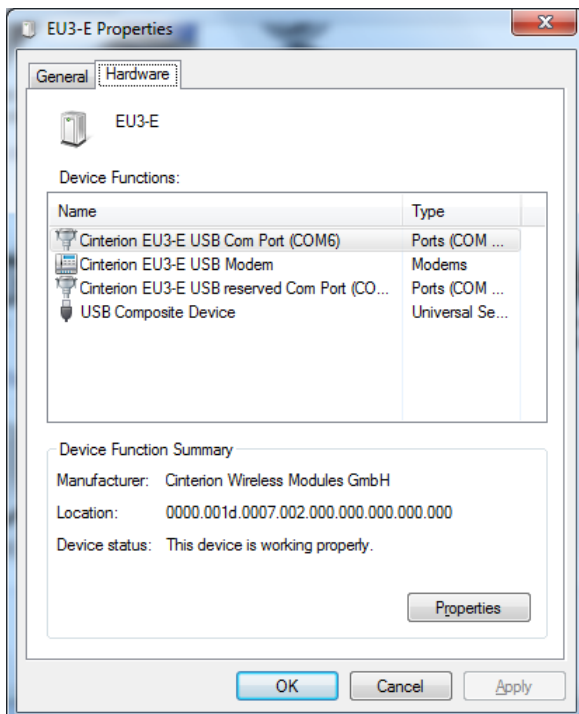


# CellRoute 3G Data Connectivity Windows 7 - Installation

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.

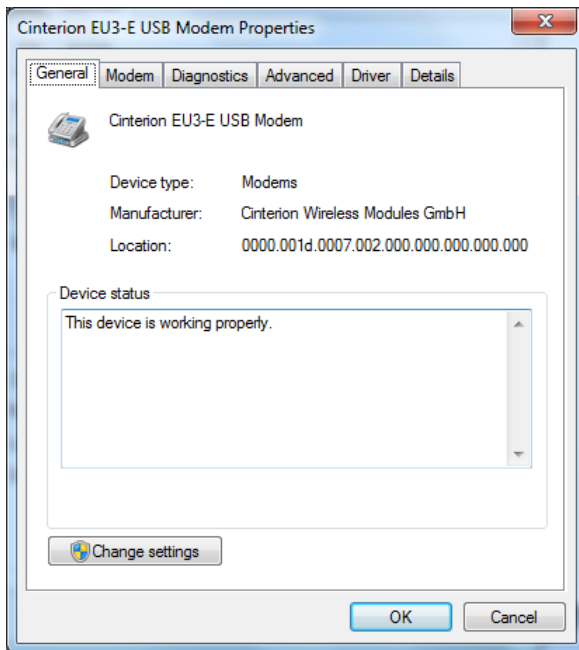


12. Select the last unidentified "EU3" device (shown by the ! icon) and click **Properties**. Repeat steps 5-10 above to install the driver for this device. All 3 devices should now be identified:



# CellRoute 3G Data Connectivity Windows 7 - Installation

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

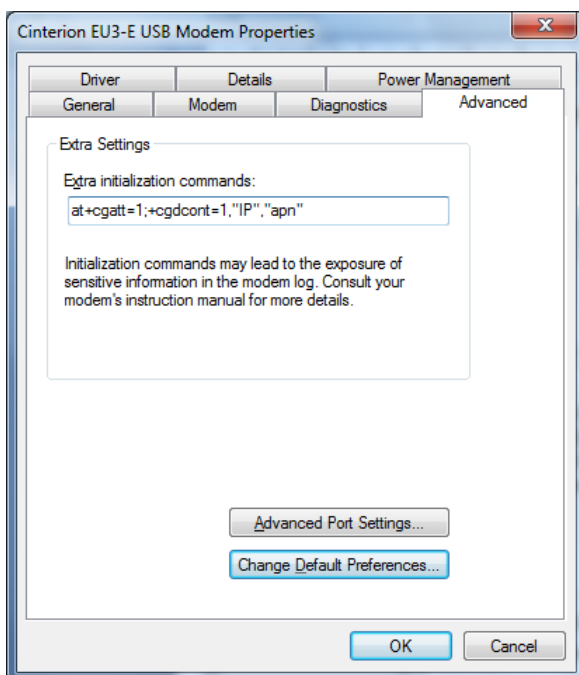


14. Click the **Change settings** button and then click on the **Advanced** tab

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**)

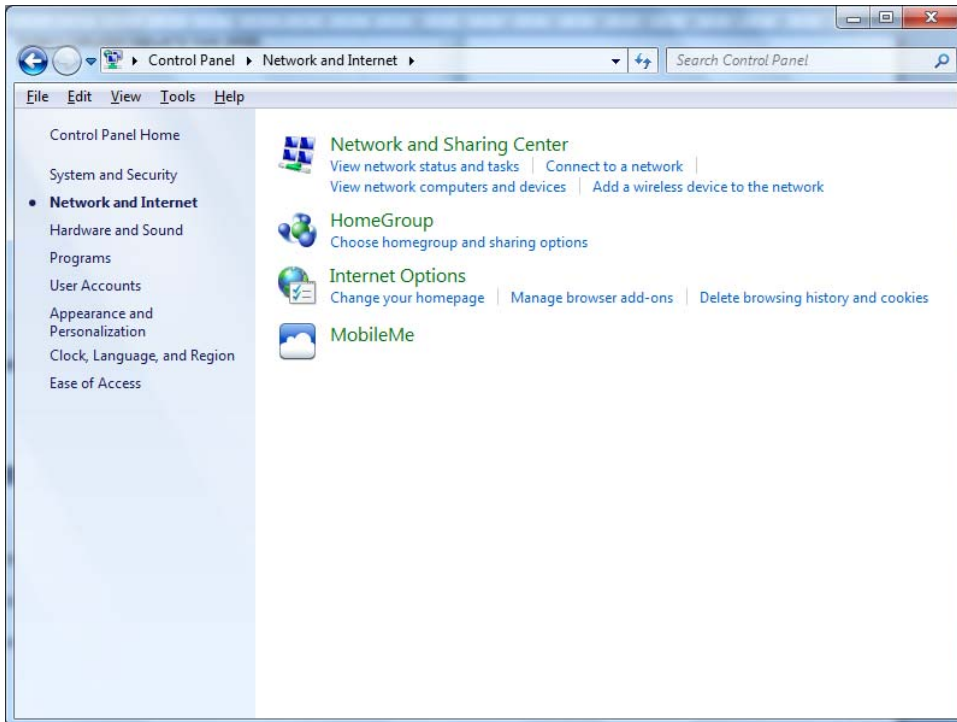


Click the **OK** button to close the Modem properties dialog box and then click **OK** to close the EU3 properties dialog box.

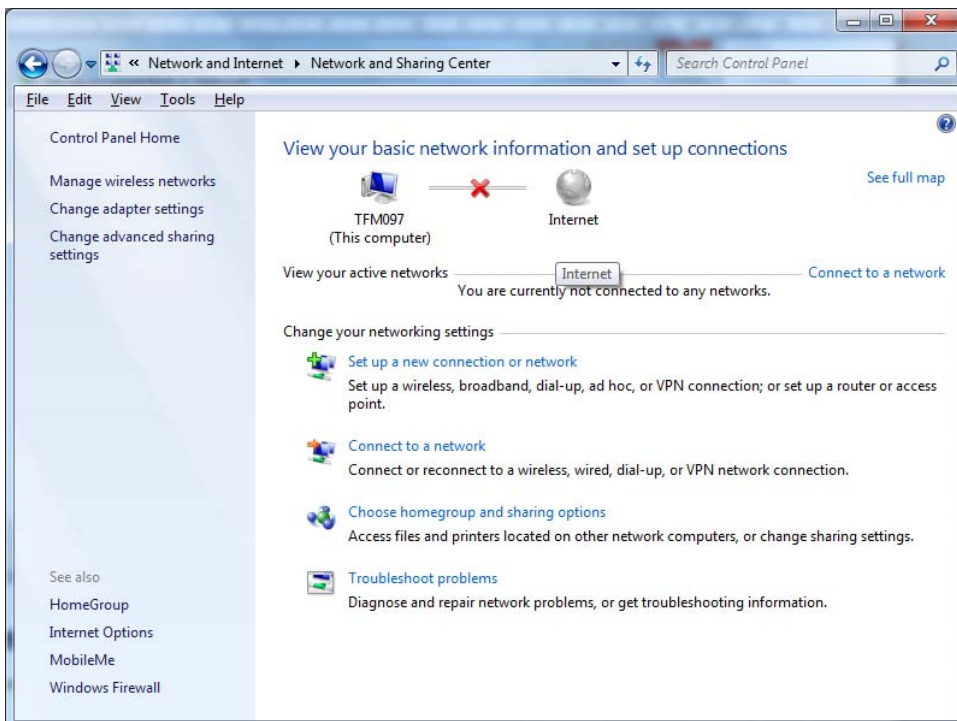
# CellRoute 3G Data Connectivity Windows 7 - Installation

15. From the Control Panel, click **Network and Internet**

Click **Network and Sharing Centre**.

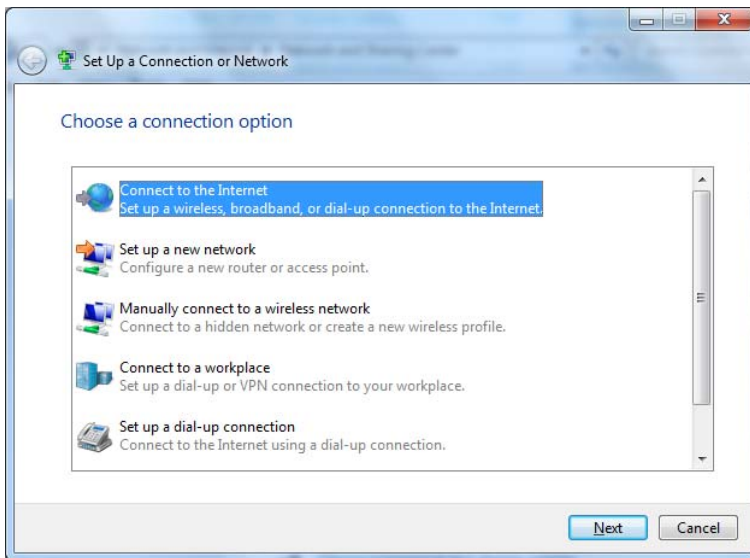


16. Click **Set up a connection or network**:

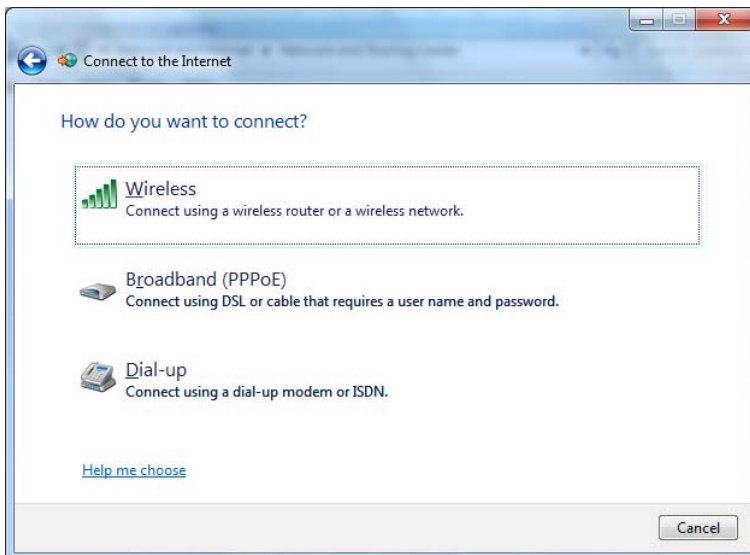


# CellRoute 3G Data Connectivity Windows 7 - Installation

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

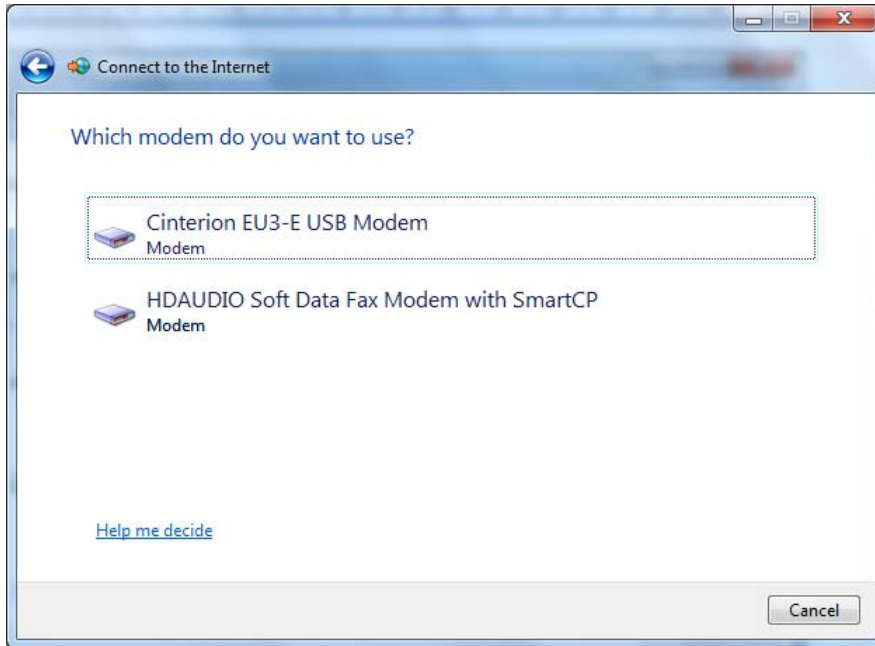


18. Click **Dial-up**:



# CellRoute 3G Data Connectivity Windows 7 - Installation

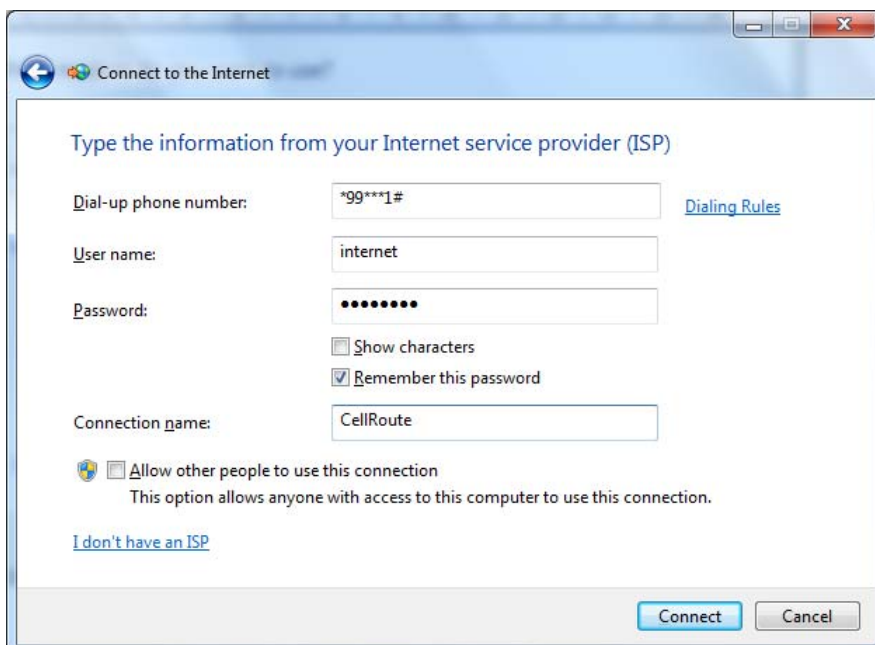
19. Click **Cinterion EU3 Modem**:



20. In the phone number box enter the following:

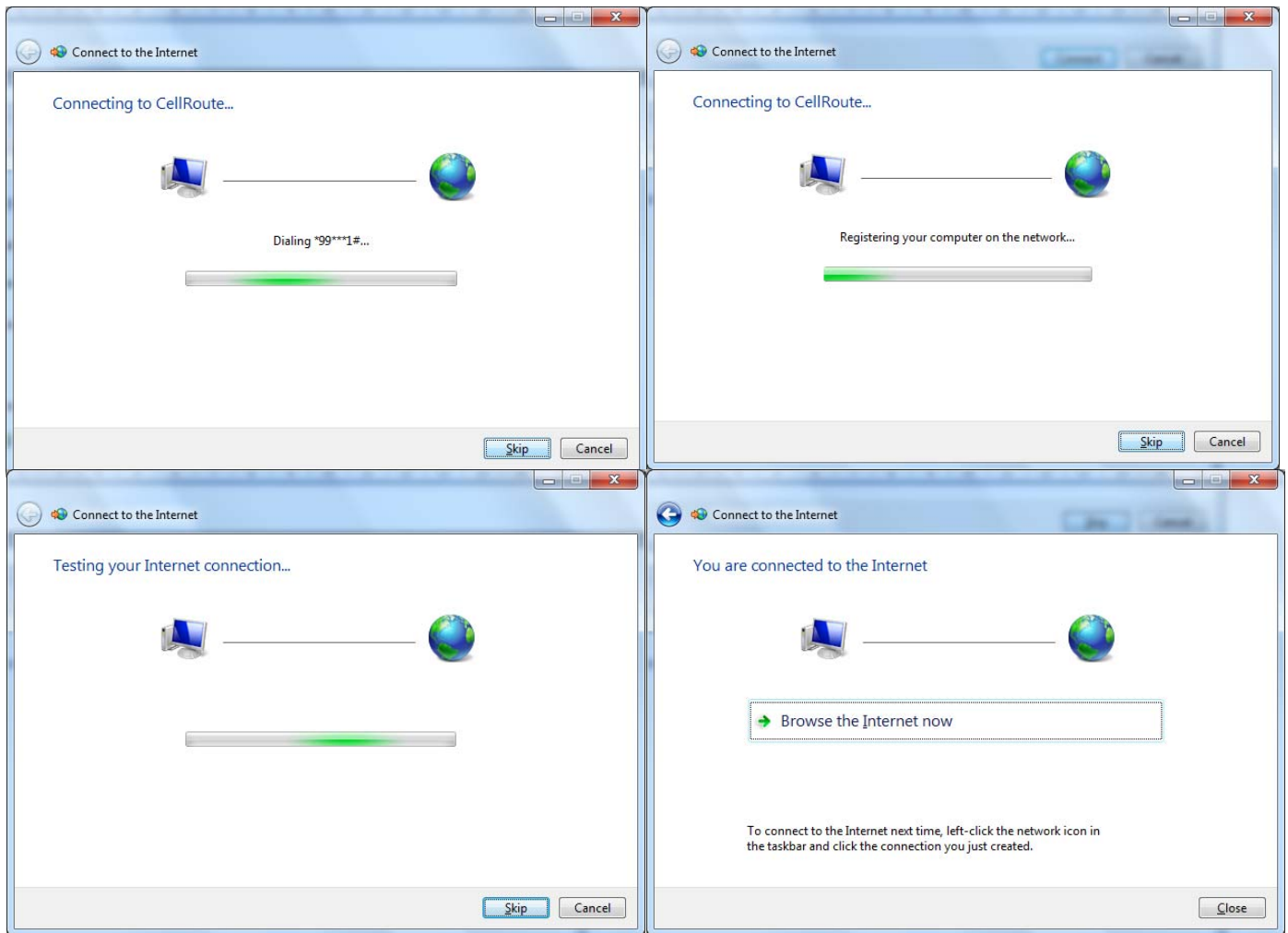
**\*99\*\*\*1#**

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



# CellRoute 3G Data Connectivity Windows 7 - Installation

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

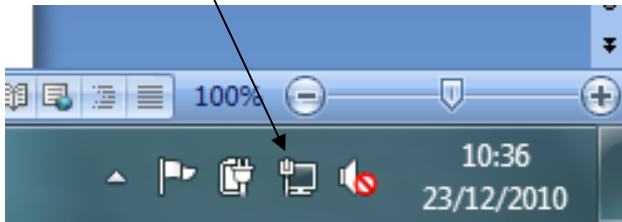


22. Click **Close**. Installation is now complete.

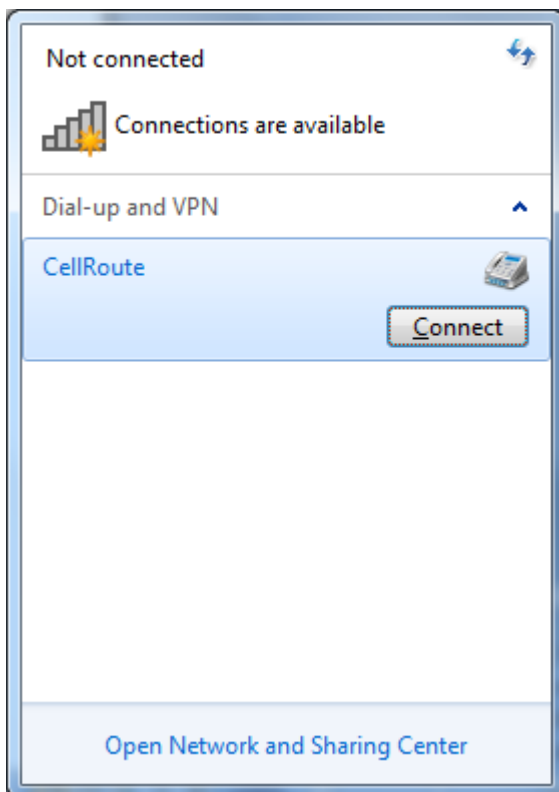


# CellRoute 3G Data Connectivity Windows 7 - Connecting

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

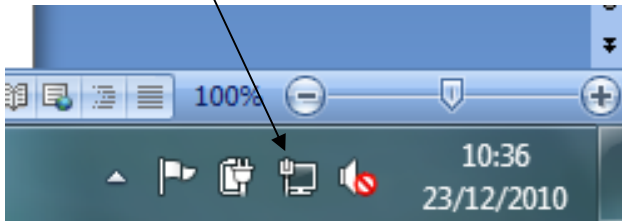


2. Click on the CellRoute connection and click **Connect**:



# 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**:

