How to install and setup the Ezurio Bluetooth software for g.MOBIlab+ Version 3.10.01

The purpose of this tutorial is to show the setup and configuration of the Bluetooth connection to g.MOBIlab+ based on the Ezurio Bluetooth USB dongle hard- and software after the Ezurio software has been installed.

I) The first part of the tutorial covers the *Installation of the software and hardware driver for the Ezurio USB dongle*. If the dongle is installed the first time follow **steps 1 to 8**. If you experience problems with the installed Ezurio driver please refer to this guide beginning from **step 9**.
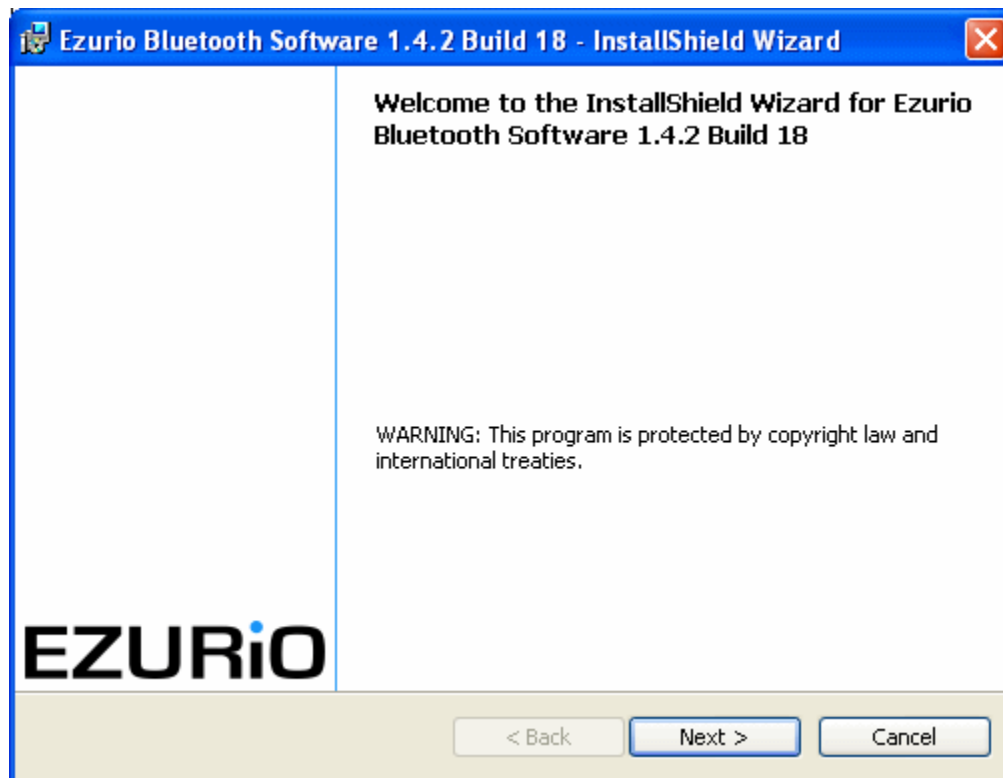
II) The second part of the tutorial contains *Instructions for configuring the Ezurio Bluetooth software to connect to g.MOBIlab+*.

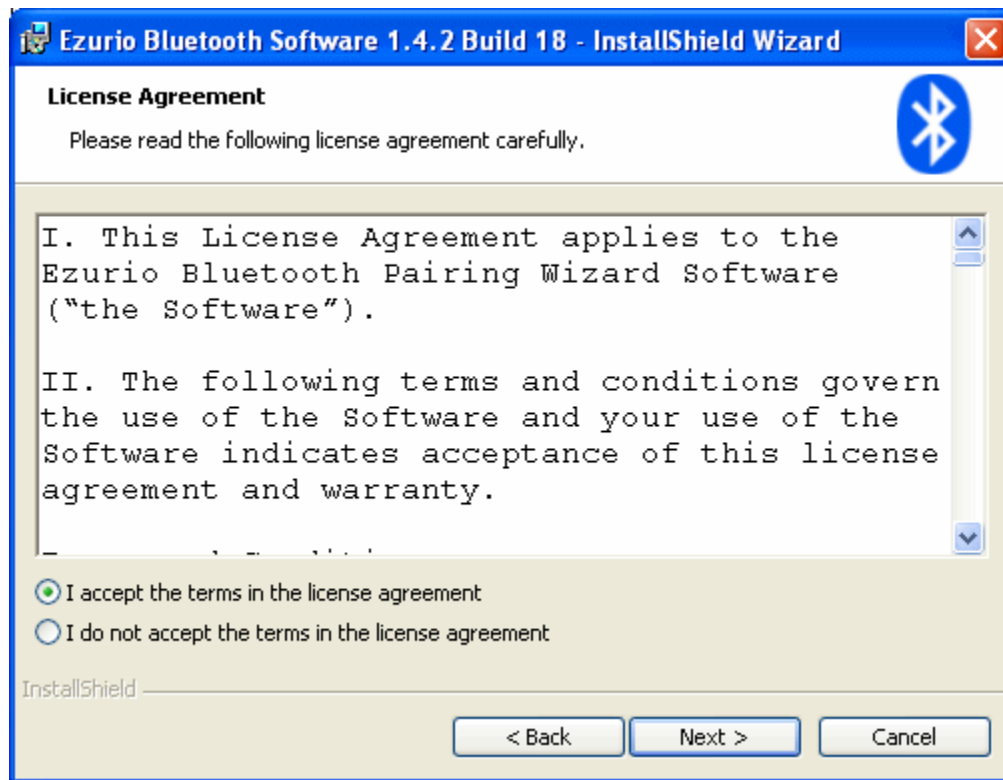### I) Installation of the software and the hardware driver for the Ezurio Bluetooth dongle:

To install the Bluetooth equipment needed for g.MOBIlab+ please follow the steps below.

NOTE: You must not plug in the Ezurio Bluetooth Dongle to a free USB slot before finishing the driver installation!
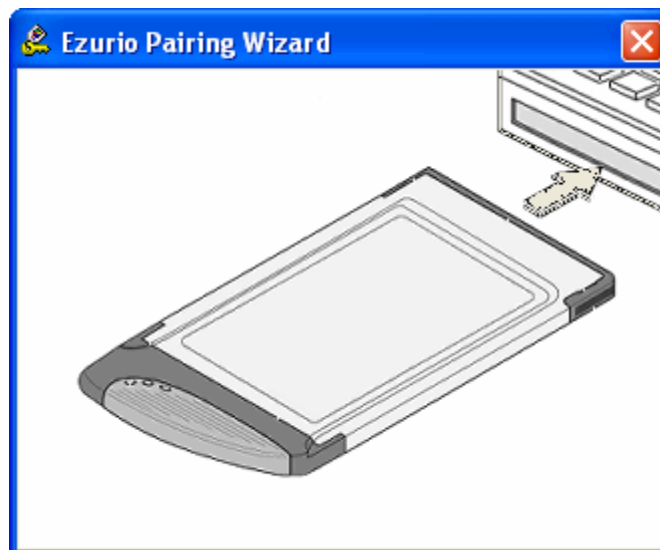
1. On the CD delivered with g.MOBIlab+ choose the folder "Ezurio Bluetooth Installation" and double click setup.exe. This will open the window below:

Then just follow the steps on the screen.

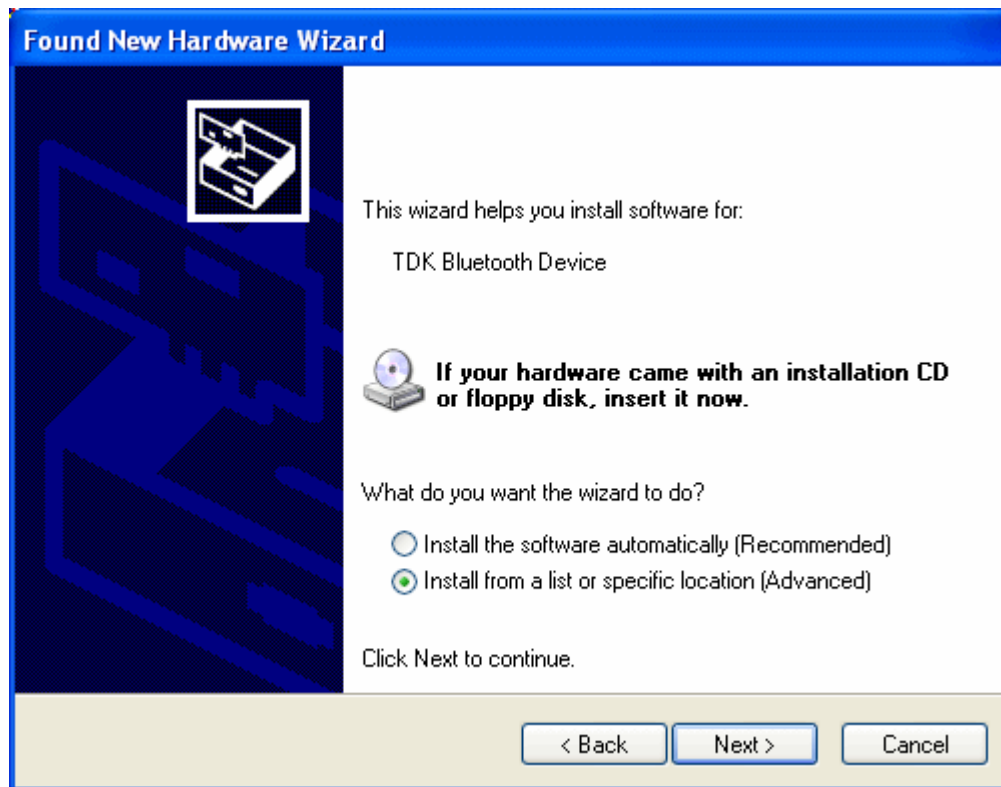2. After finishing the Ezurio software installation, the Ezurio Pairing Wizard opens.

3. Insert the Ezurio Bluetooth dongle to a free USB slot and wait until the **Found New Hardware Wizard** window opens.
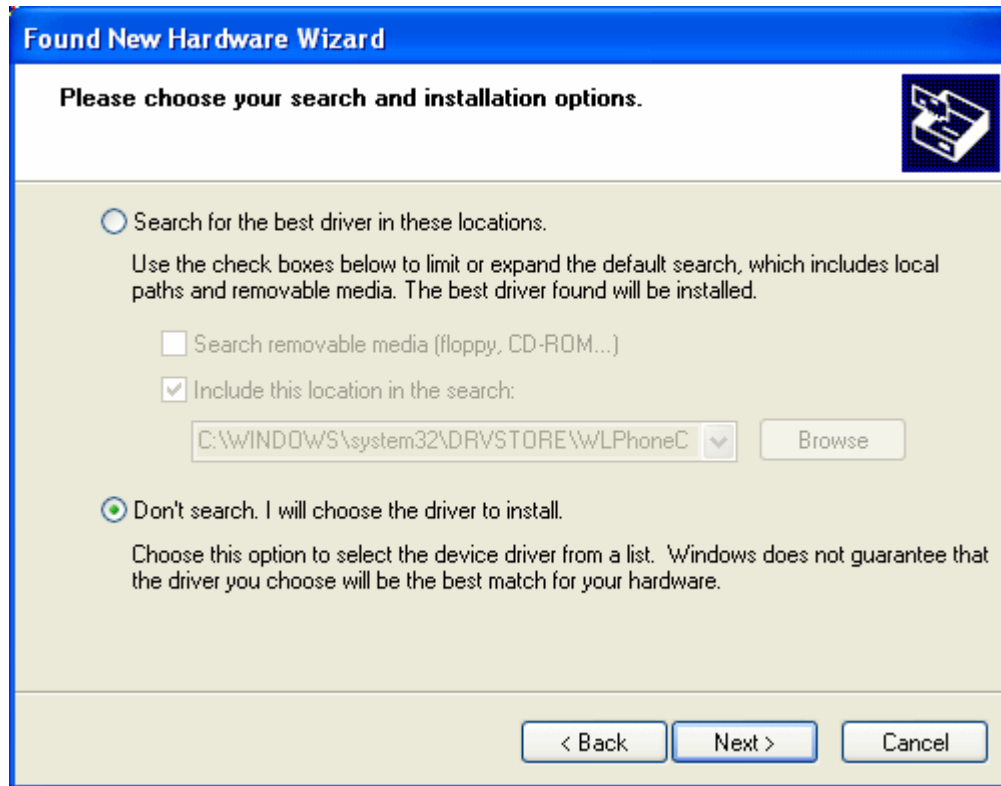

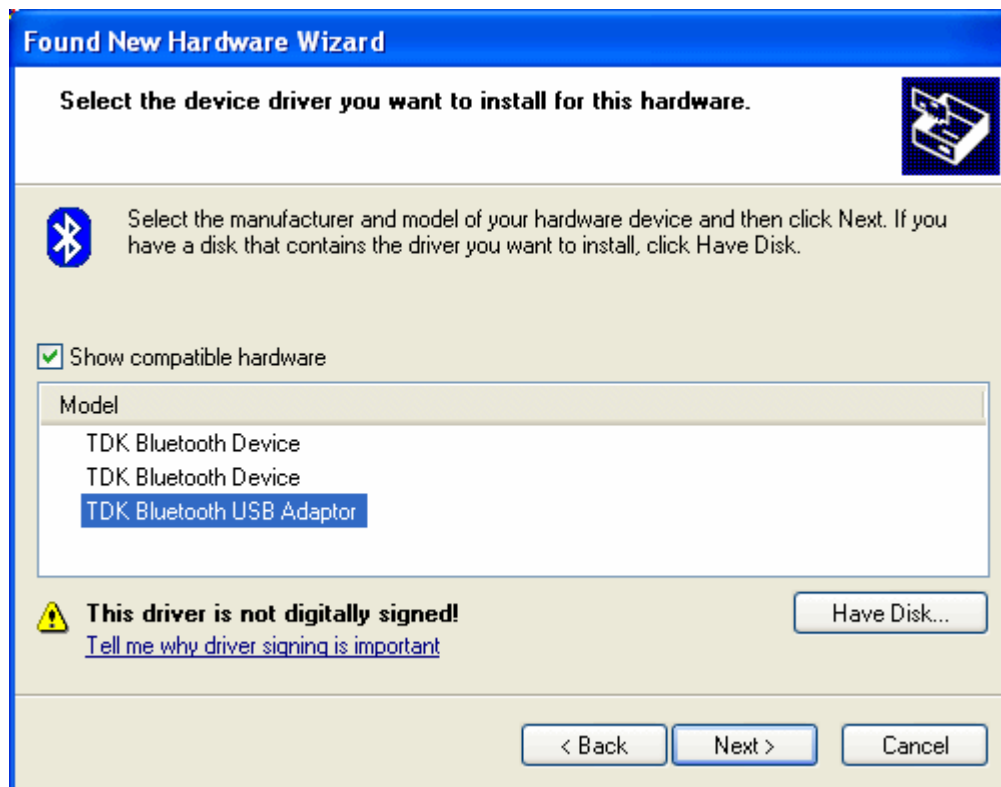Select **No, not this time** to prevent windows from connecting to Windows Update. Click **Next**.

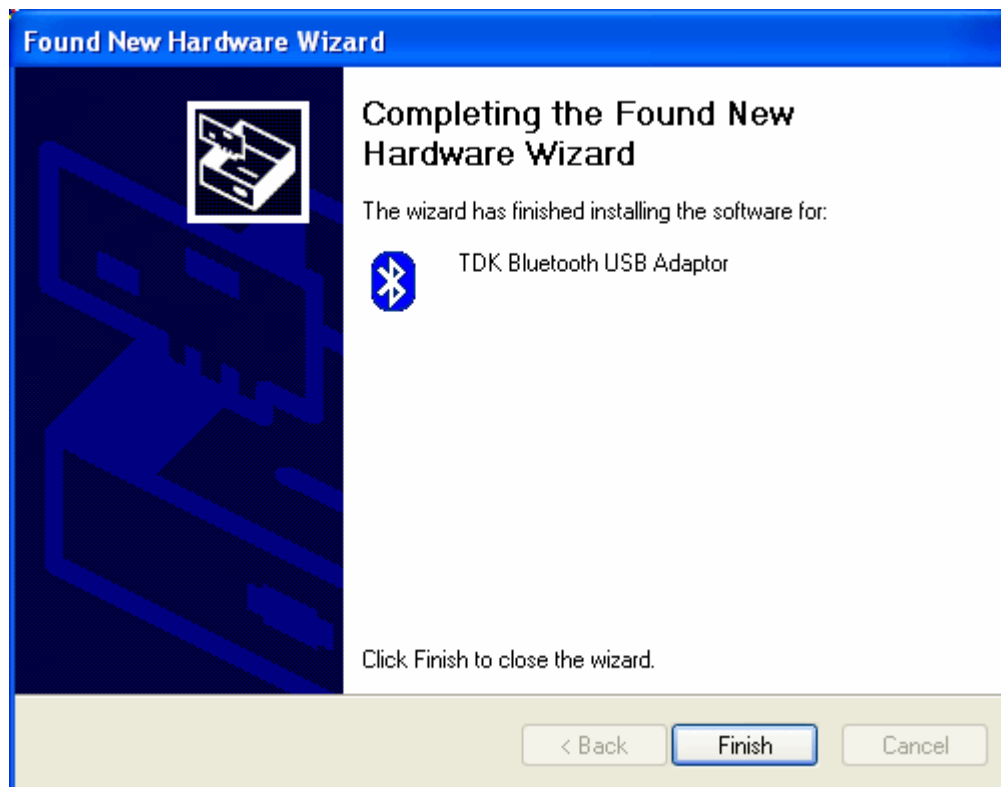4. Choose **Install from a list or specific location (Advanced)** and click **Next**.

5. Do not let the wizard search for the driver, but select **Don't search. I will choose the driver to install.** and click **Next**.
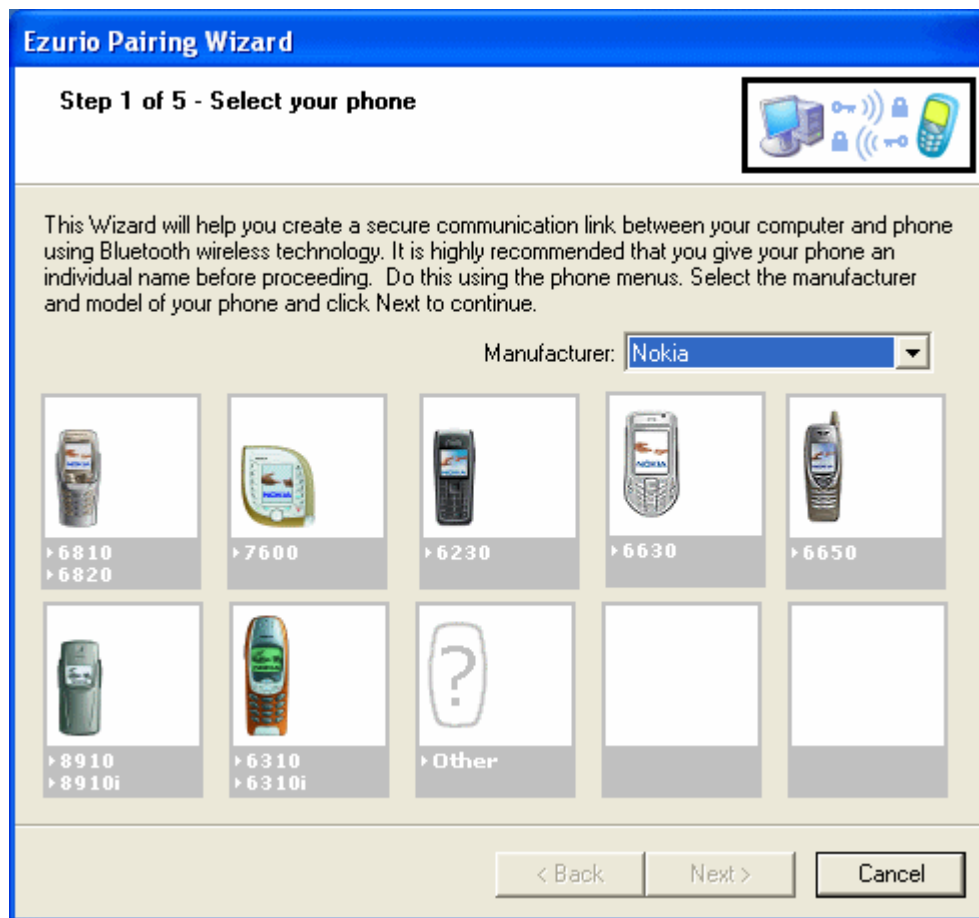
6. Make sure that in the window the checkbox **Show compatible hardware** is selected and from the drivers proposed select **TDK Bluetooth USB Adaptor** and click **Next**.

7. Finally click **Finish**

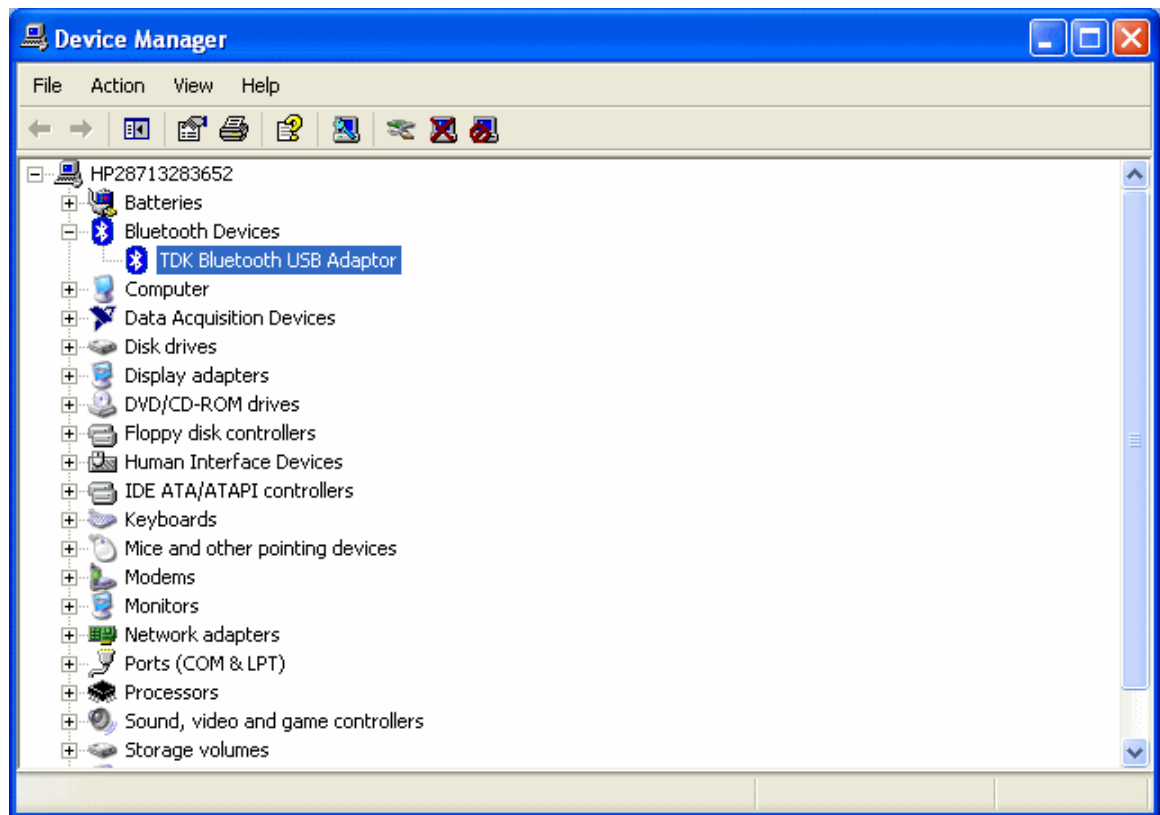8. The **Ezurio Pairing Wizard** is closed with the **Cancel** button.

In the dialog that appears click **Yes**.

If you need more information how to install the Bluetooth dongle please visit the manufacturer website www.ezurio.com.

Only refer to the steps below if you experience problems after installation steps 1 – 8 above.
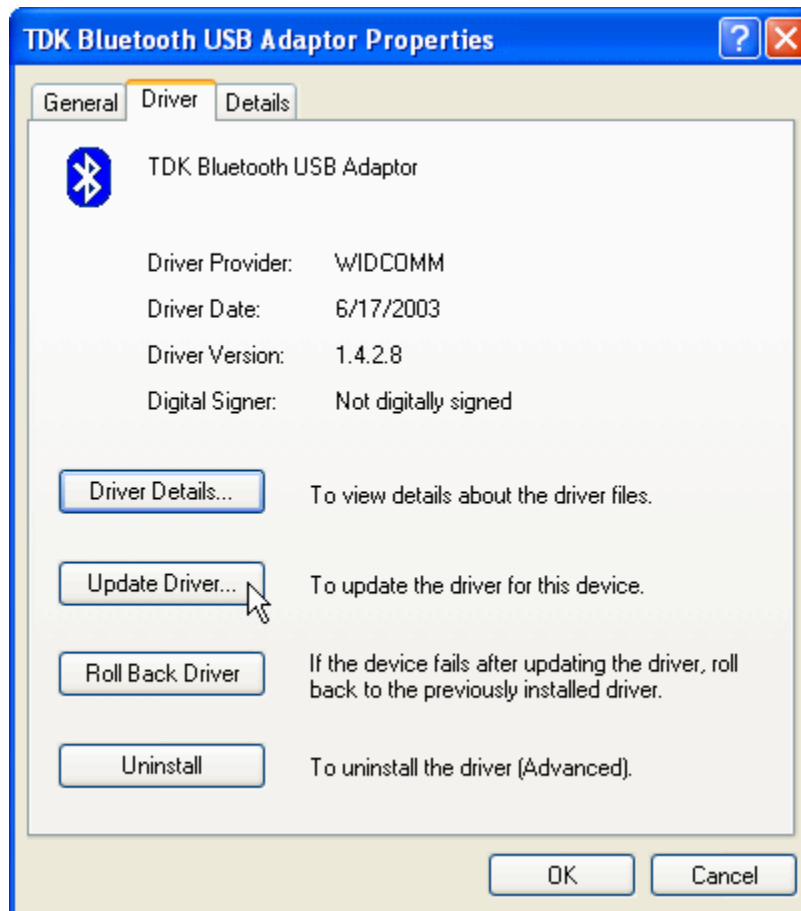
9. Open the **Device Manager** (If you do not know how to open the device manager please refer to **Using Device Manager** in the Microsoft **Help and Support**)

10. In the device manager extend **Bluetooth Devices** by clicking on the + sign on the left. Then right click **TDK Bluetooth USB Adaptor** and select Properties.

In the **TDK Bluetooth USB Adaptor Properties** window under **Manufacturer: WIDCOMM** should be written.

11. If the Manufacturer is not WIDCOMM select **Driver** and then click on **Update Driver…** Otherwise you can skip the following steps and proceed to part II of the tutorial.
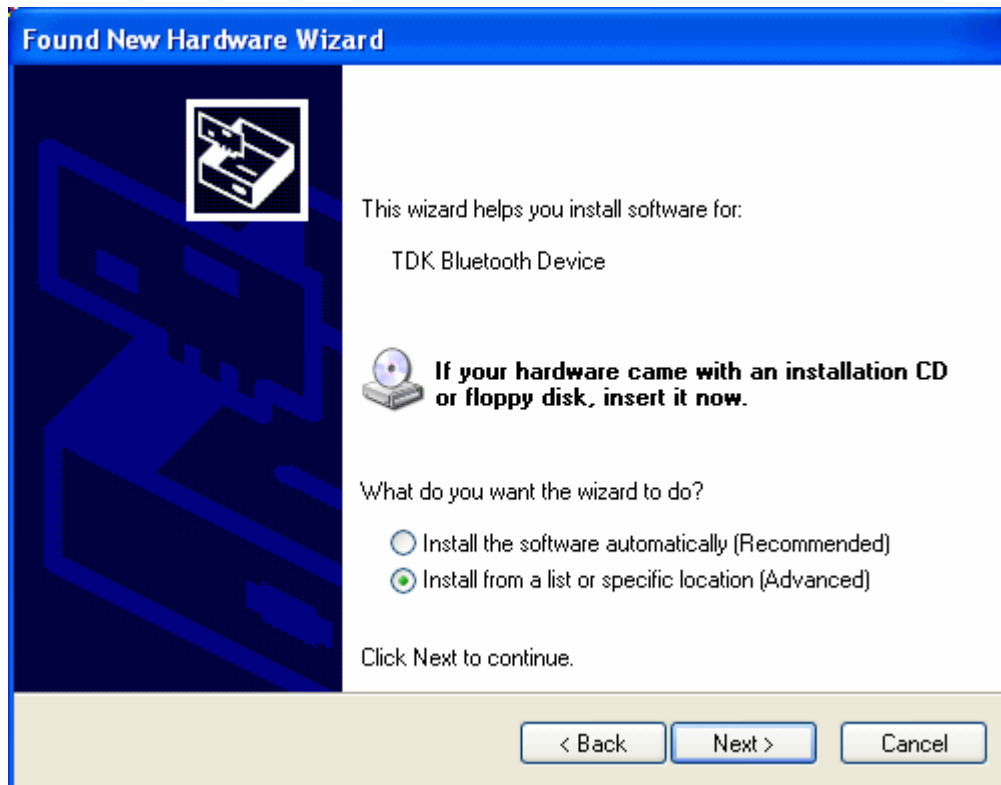
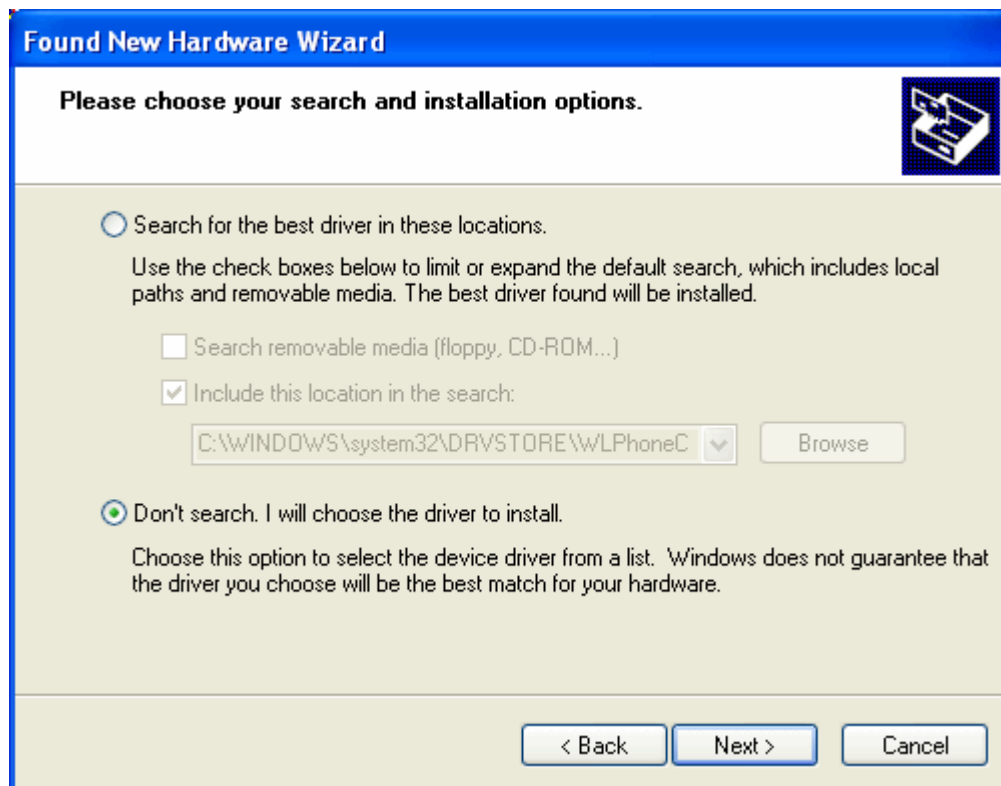12. The **Hardware Update Wizard** will open

In this window select **No, not this time** and click **Next**.
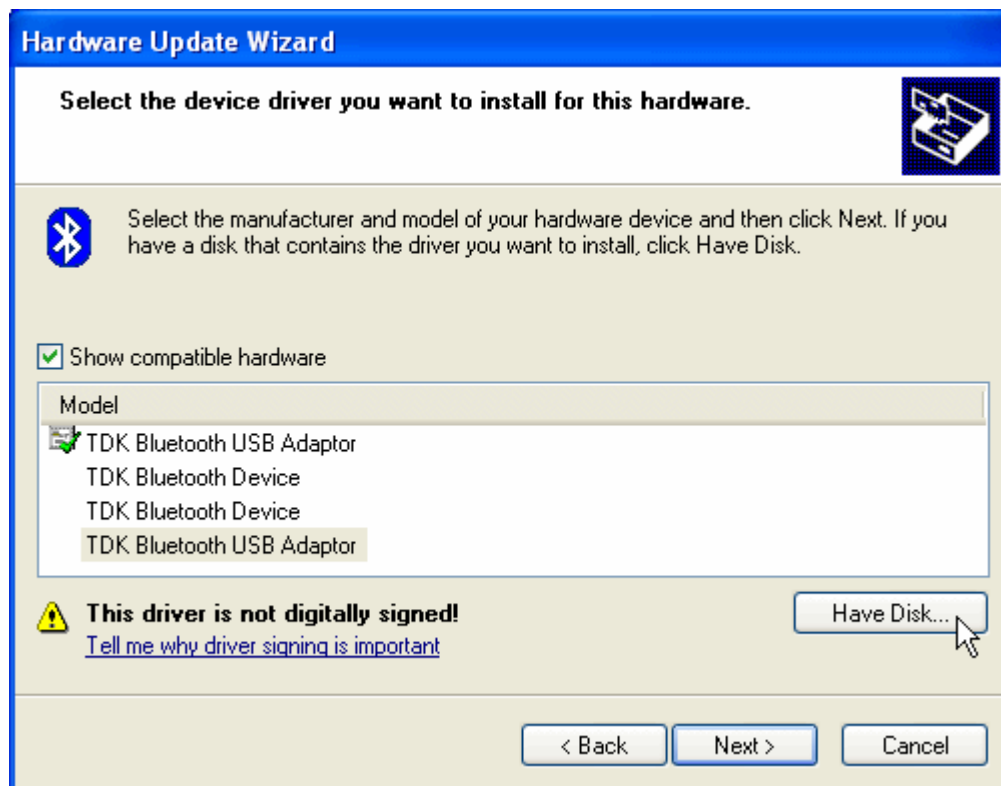
13. In the next window select the **Install from a list or specific location (Advanced)** radio button and click **Next**
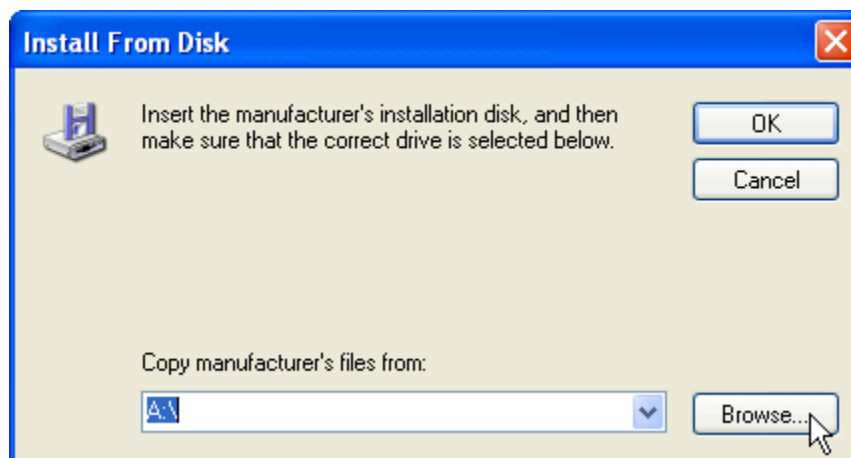
14. Choose **Don't search. I will choose the driver to install** and click **Next**
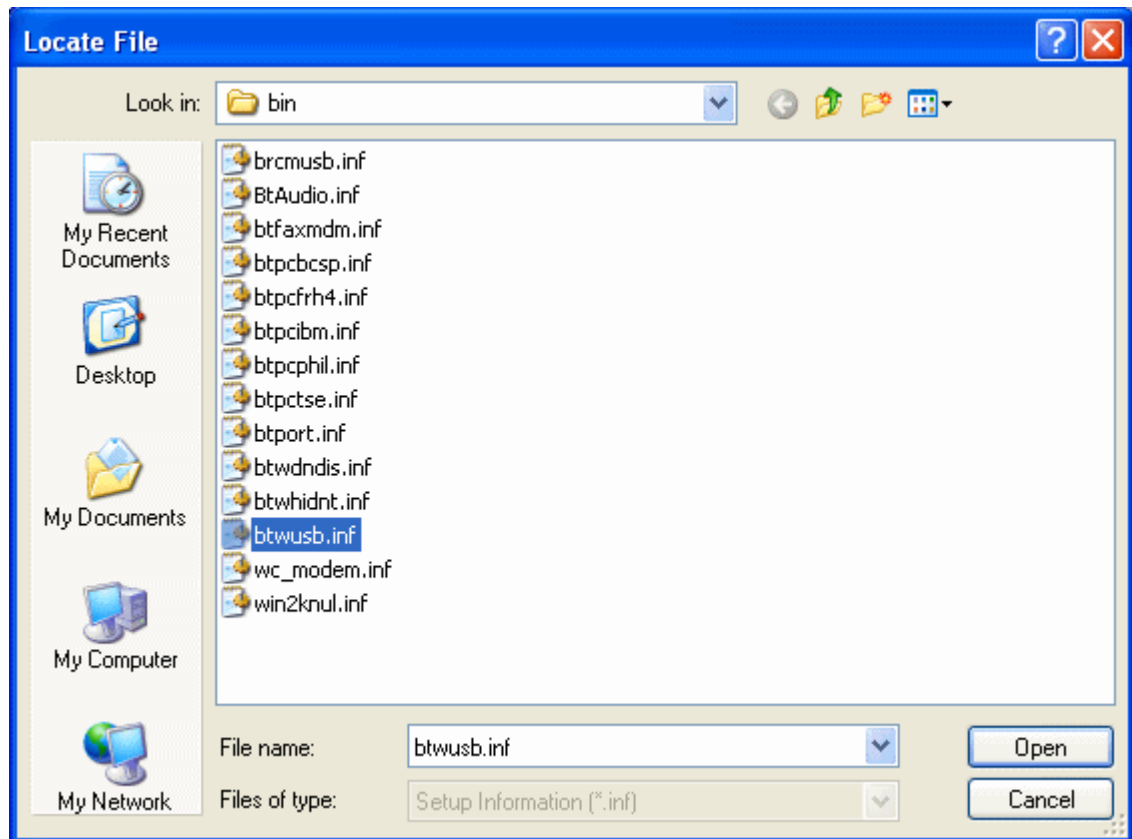
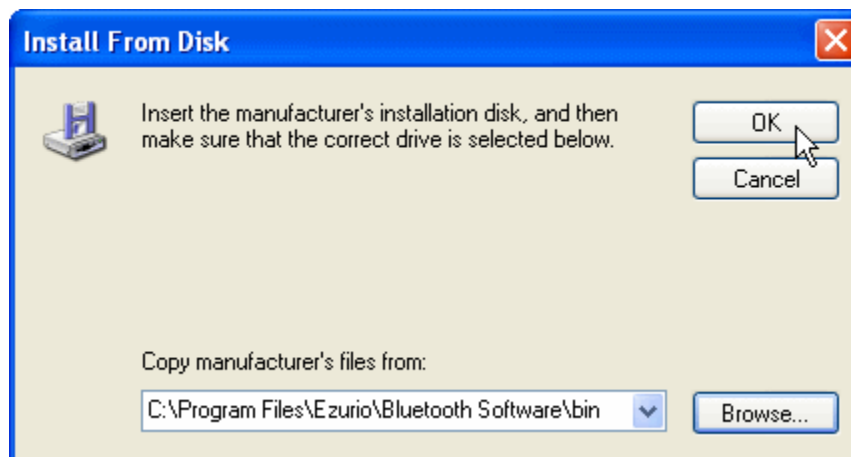15. In this dialog click on the button **Have Disk…**

16. A dialog will open. Click **Browse** to select the correct driver (.inf).
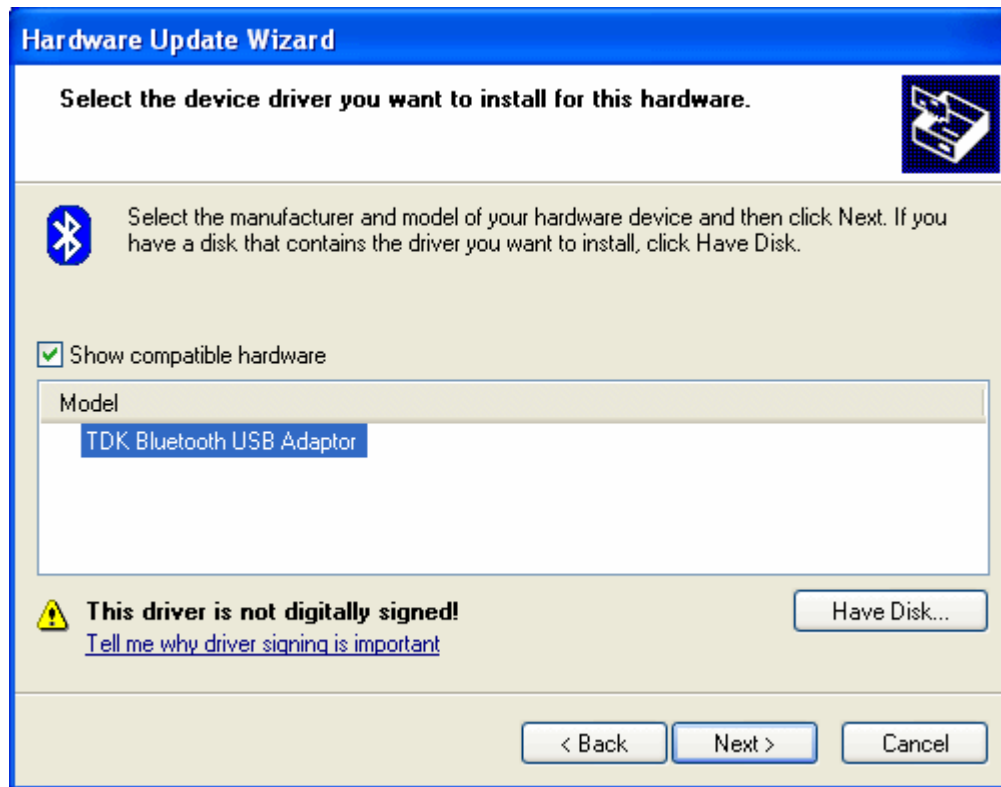
17. Browse to **C:\Program Files\Ezurio\Bluetooth Software\bin** and select the **btwusb.inf** file and click **Open**.
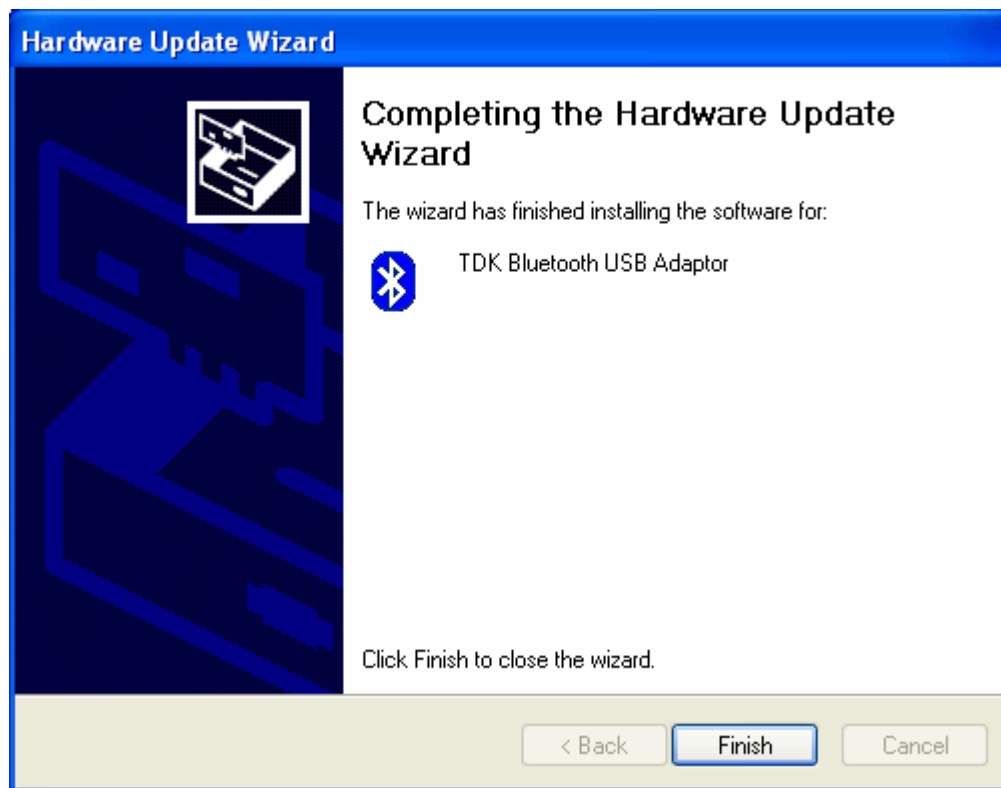

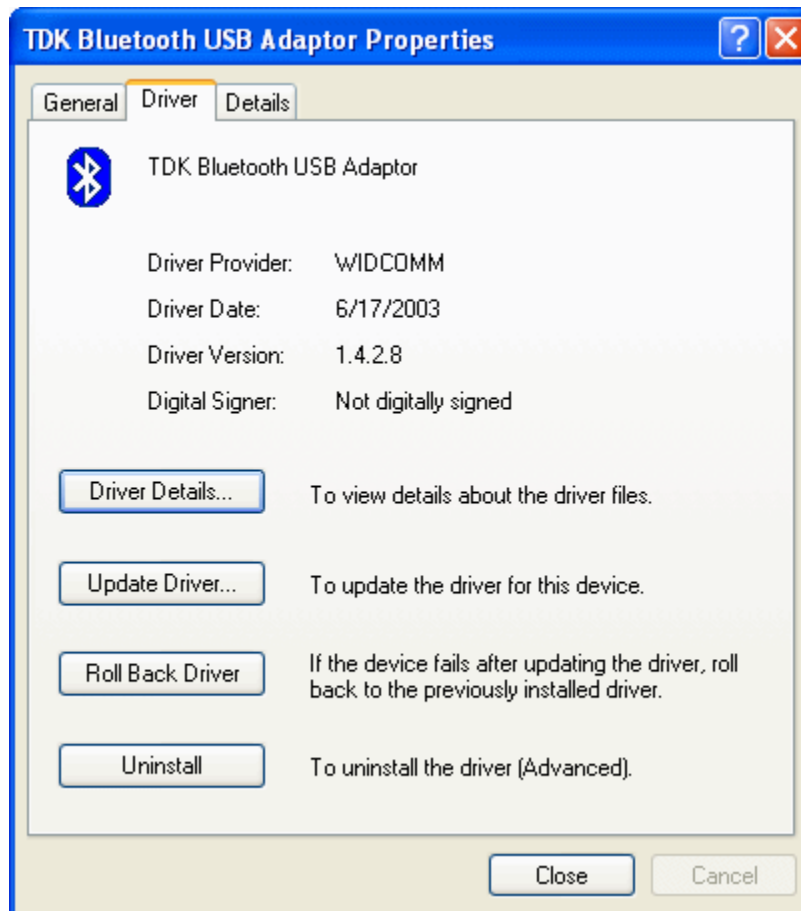18. Click **OK** to come back to the **Hardware Update Wizard** dialog.

19. Make sure that **TDK Bluetooth USB Adaptor** is selected and click **Next** to start the driver installation

20. Finally click **Finish**

21. The **TDK Bluetooth USB Adaptor Properties** window should now have WIDCOMM as Driver Provider.

22. Click **Close** to finish the driver update.

II) Ezurio Bluetooth software to connect to g.MOBIlab+

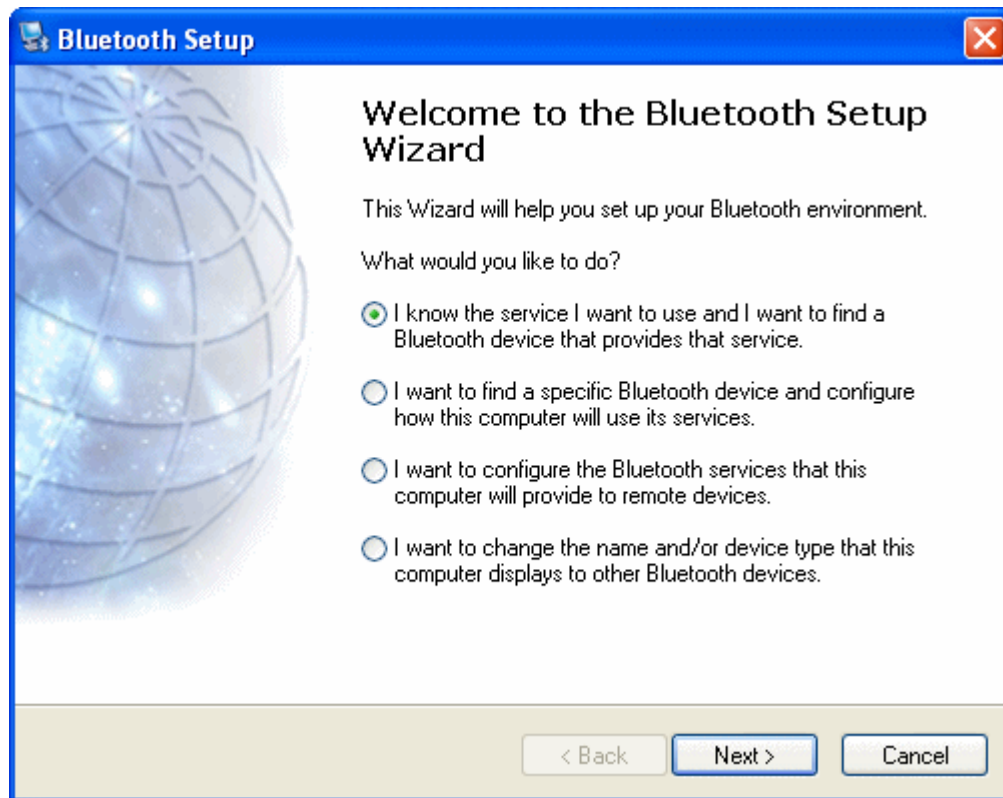The following steps show how to find the serial port where your g.MOBIlab+ device is connected to the PC:

1. First make sure that the Bluetooth sign in the bottom right corner of the screen has turned from red to white like in the picture below. This is the case when the Bluetooth dongle is inserted into a free USB slot.

2. Then right click on this Bluetooth sign and select **Bluetooth Setup Wizard**.
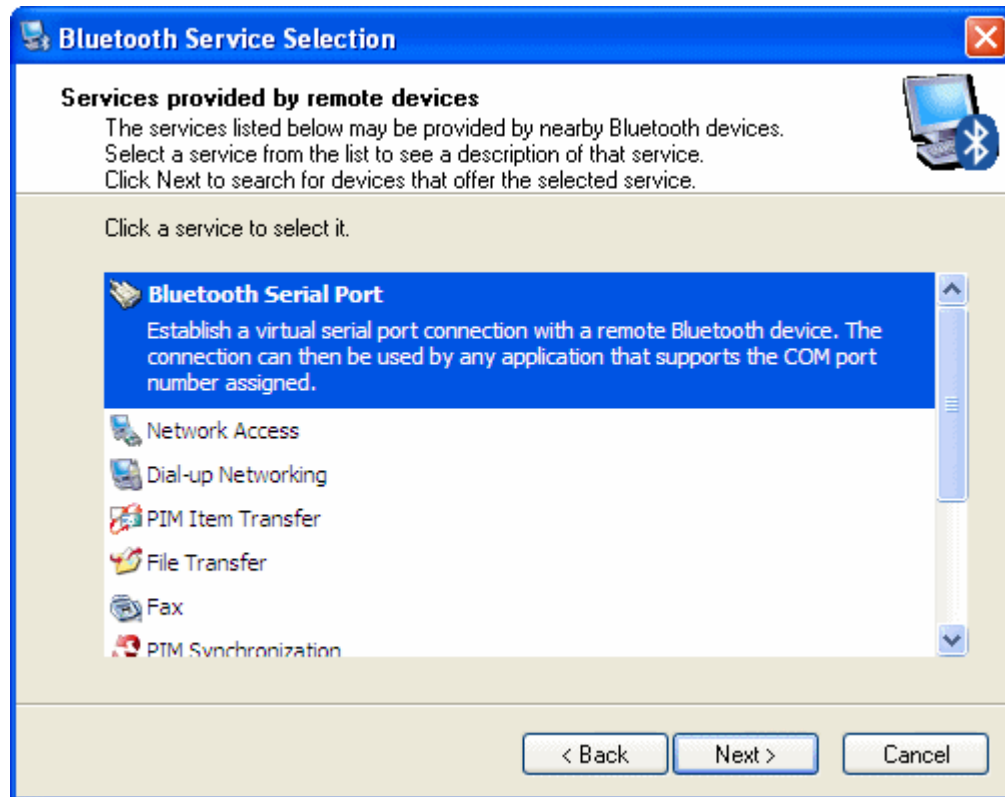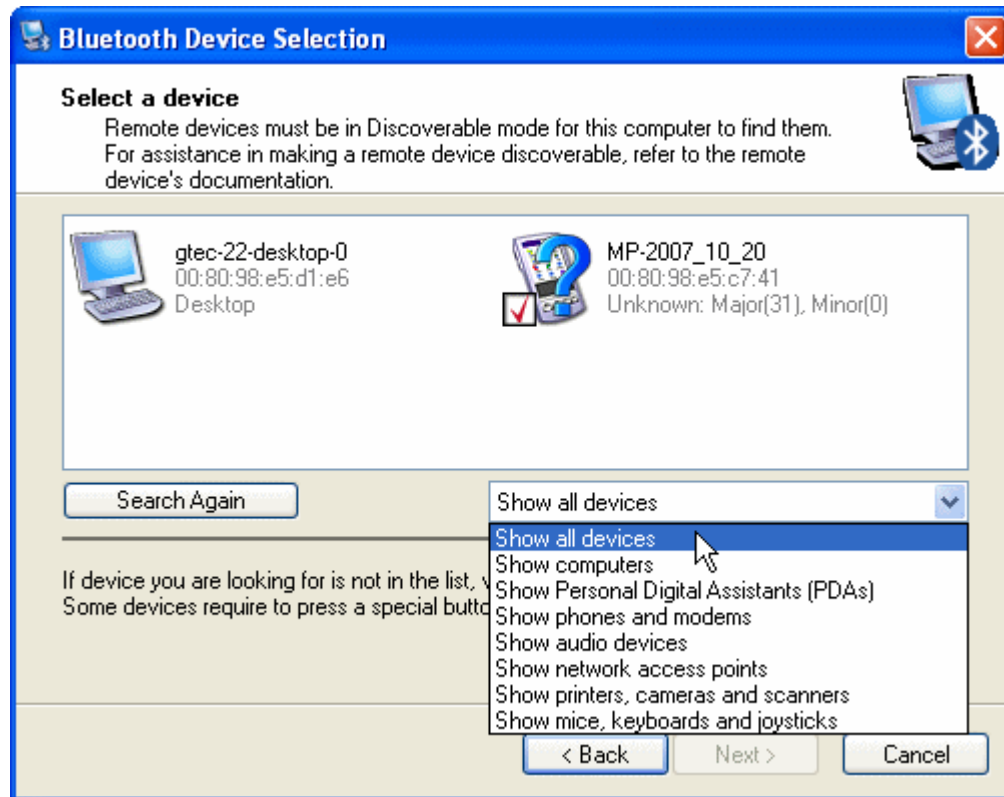
3. The following dialog will open:

Select **I know the service I want to use and I want to find a Bluetooth device that provides that service**. Then click **Next**.
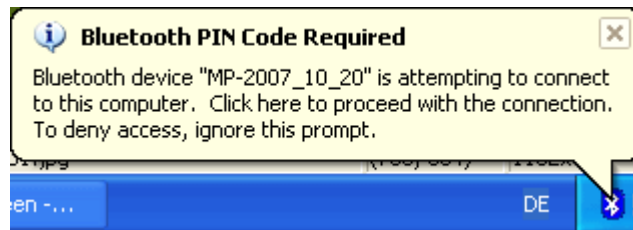
4. In the **Bluetooth Service Selection** select **Bluetooth Serial Port**. Then make sure that your g.MOBIlab+ device is switched on (the green LED blinks) and click **Next**.
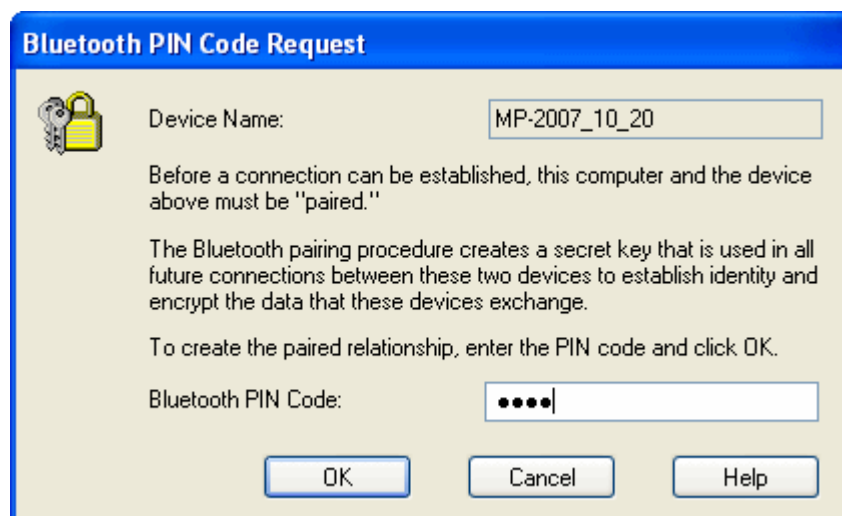
5. In the list box of **Bluetooth Device Selection** select **Show all devices** to see all devices that the Bluetooth dongle is able to receive. One of the devices shown is the serial number of your g.MOBIlab+ (MP-200x.xx.xx, in this demo the g.MOBIlab+ device has the serial number MP-2007_10_20). Select the device and click **Next**.
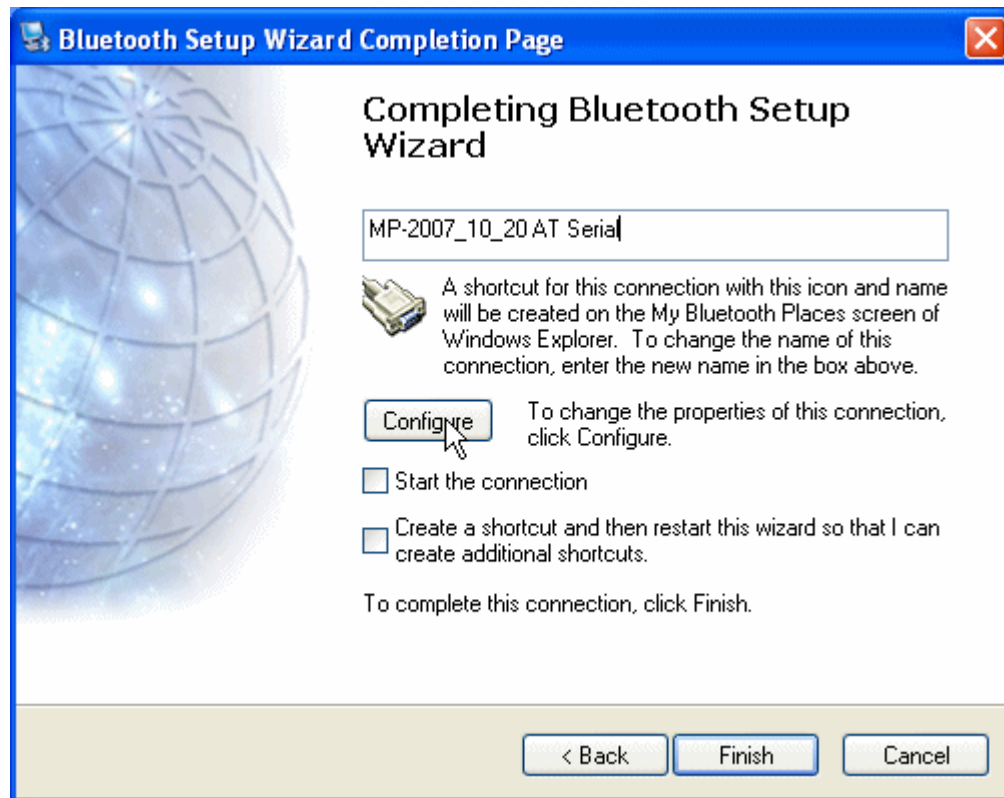
6. In the bottom right corner of the screen a bubble will appear requiring a PIN code for the pairing with g.MOBIlab+. Click on the bubble to open the dialog for the PIN code.
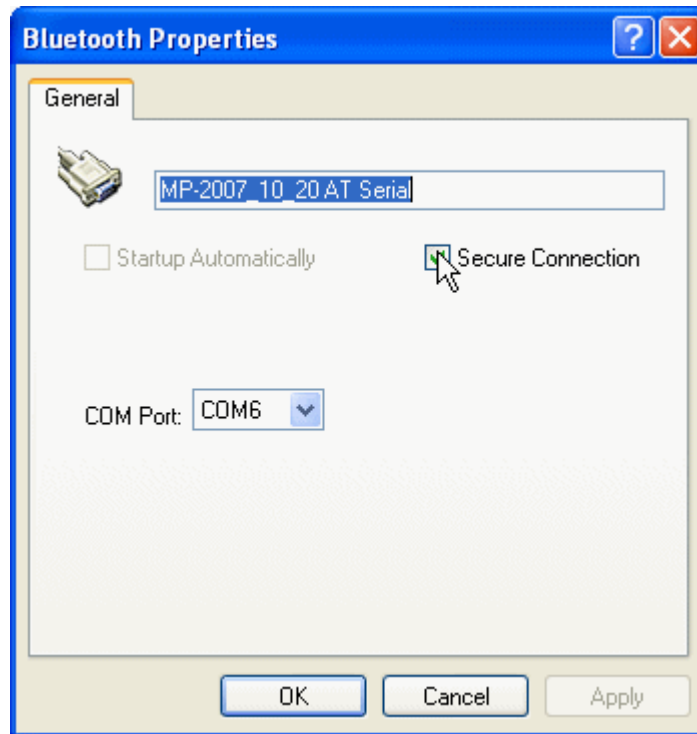

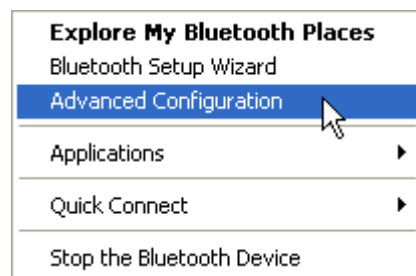7. Enter the PIN code `1234` and click **OK**.

8. In the **Bluetooth Setup Wizard Completion Page** you see the serial number of your device. Unselect the checkbox **Start the connection** and click on the **Configure** button.
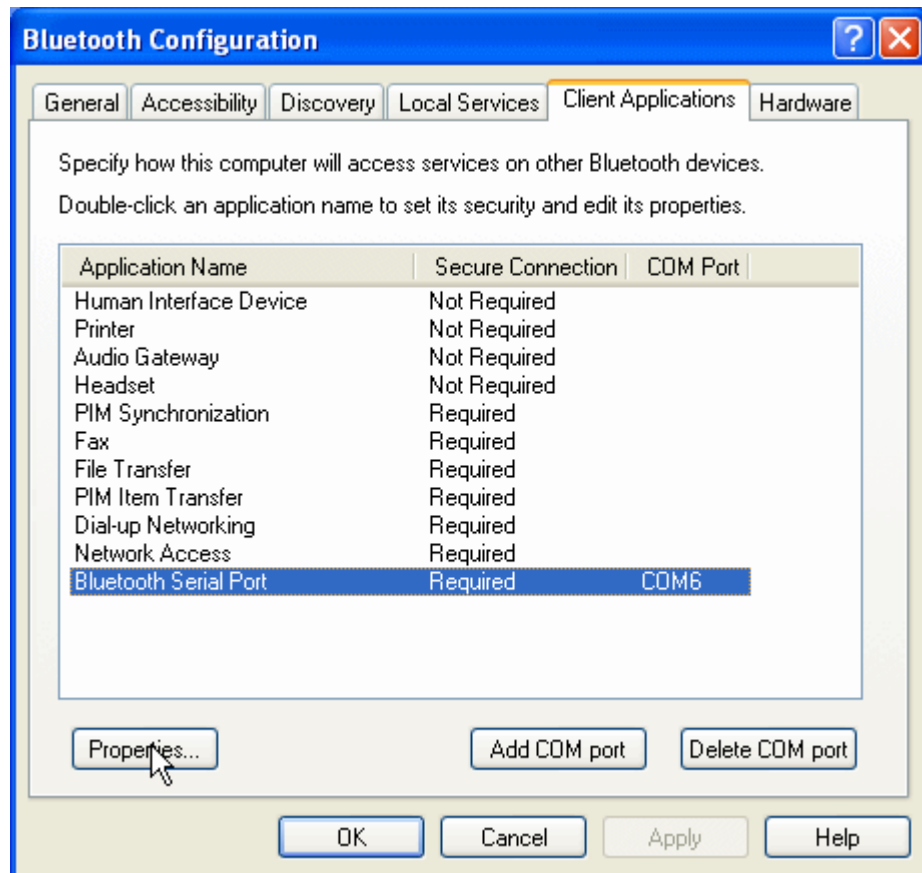
9. In the **Bluetooth Properties** window select the checkbox **Secure Connection**. In this dialog you see serial port number where your g.MOBIlab+ is connected to the PC. In this example it is **COM6**. Click **OK**.
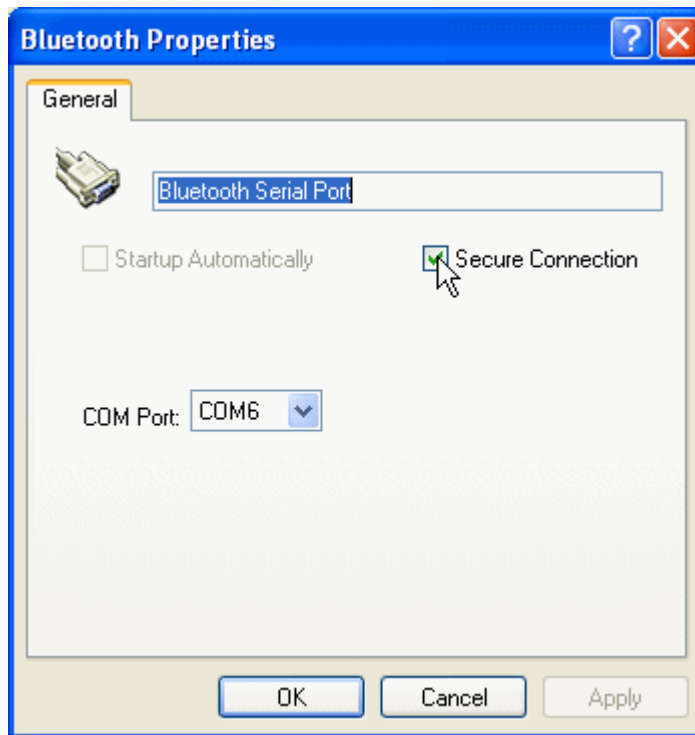

10. Click **Finish** in the **Bluetooth Setup Wizard Completion Page** dialog

11. Then right click on the Bluetooth symbol and select **Advanced Configuration**

12. In the dialog **Bluetooth Configuration** go to the **Client Applications** tab and select **Bluetooth Serial Port** and click **Properties**.

13. In the dialog that will open up select the checkbox **Secure Connection** and click **OK**.

14. Click **OK** to finish the Bluetooth Setup. You can perform the steps 9 to 12 to check which COM port g.MOBIlab+ is using.