Connecting to a Flow Computer using a PC with Bluetooth™

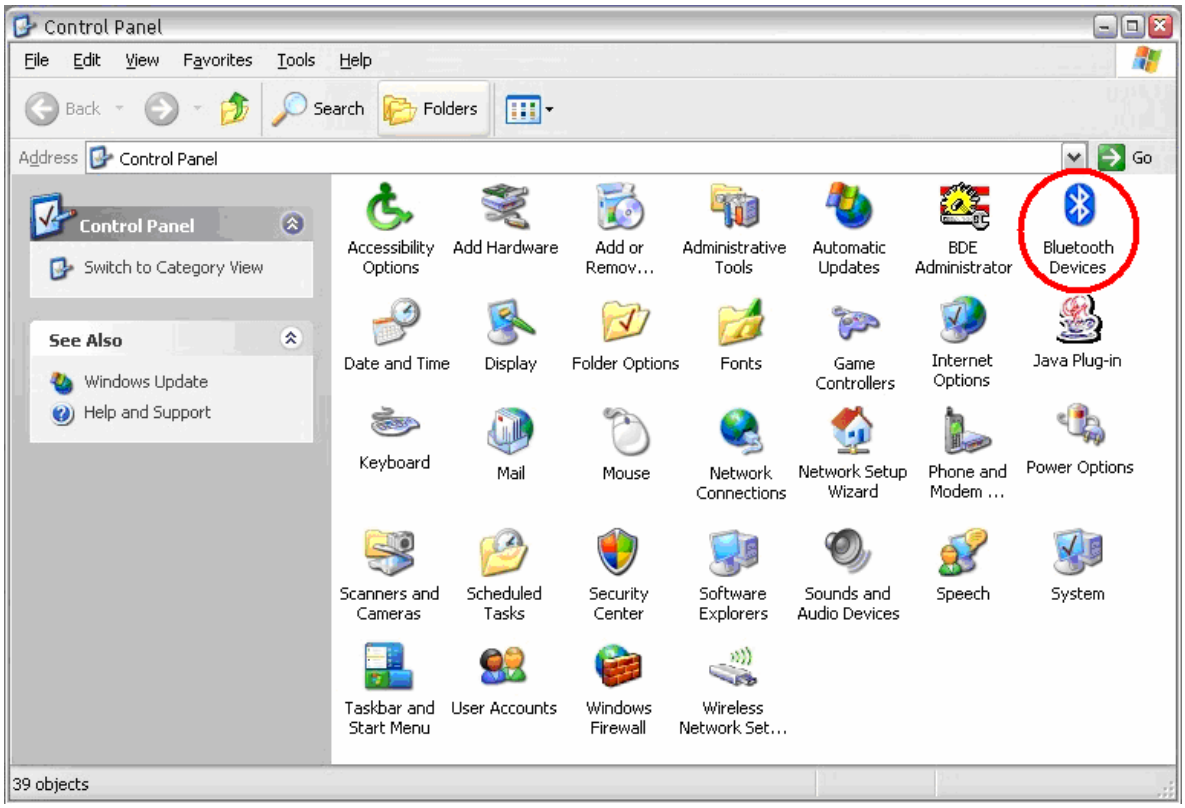
NOTE: In order to communicate via Bluetooth™ with a flow computer your PC must be Bluetooth capable or must have a USB-to-Bluetooth adapter.

STANDARD MICROSOFT™ WINDOWS® XP BLUETOOTH MANAGER

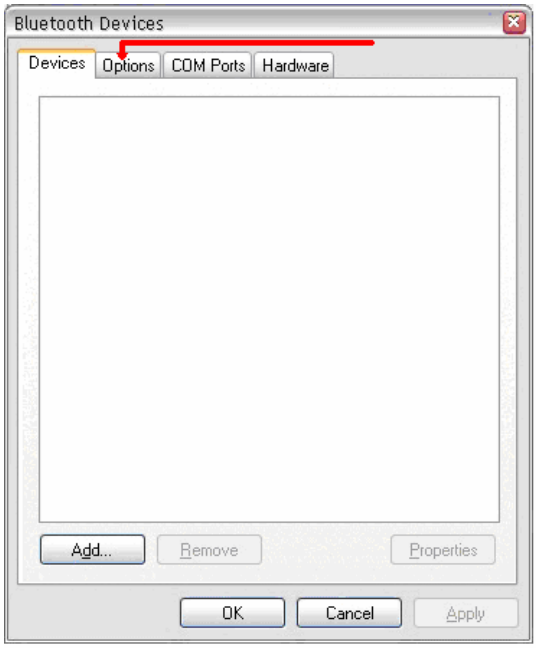
The following steps show the standard Microsoft™ Windows® XP Bluetooth manager. If you use another third party Bluetooth stack the following screens will not match your computer. For computers using the **Broadcom Bluetooth stack** such as some Dell & HP Computers with Built-in Bluetooth modules follow the Broadcom Bluetooth guide at the end of this document.

Step 1. Run the "Bluetooth Devices" dialog, this can be done from the system tray by clicking on the Bluetooth icon:

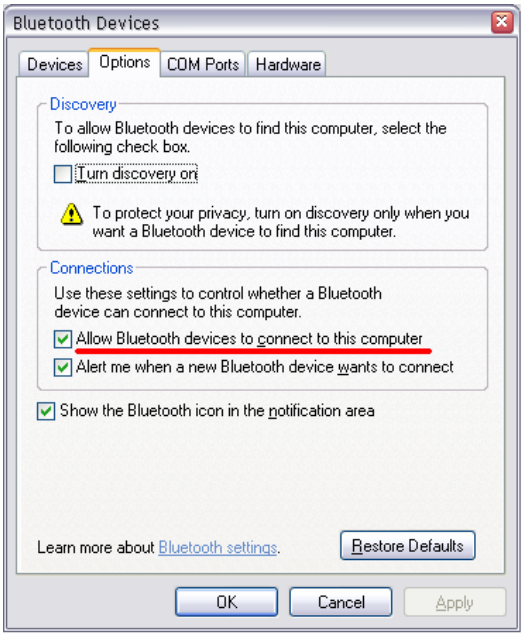
Or from the control panel by clicking on the **Bluetooth devices** icon:



Step 2. Adding the device: when this dialog appears, go to the **Options** tab.



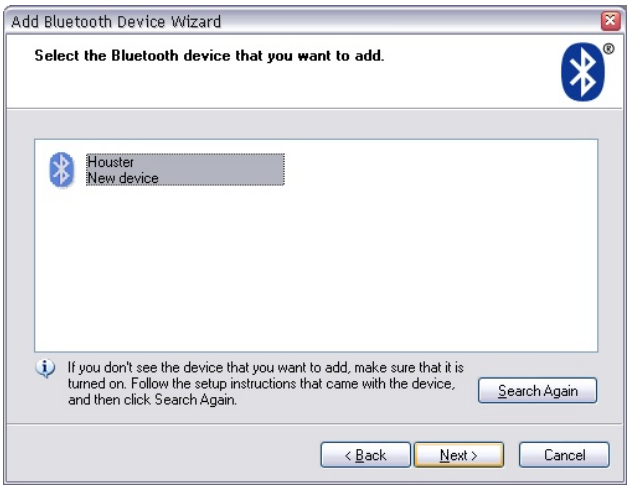
Step 3. On the Options tab enable **"Allow Bluetooth devices to connect to this computer"**



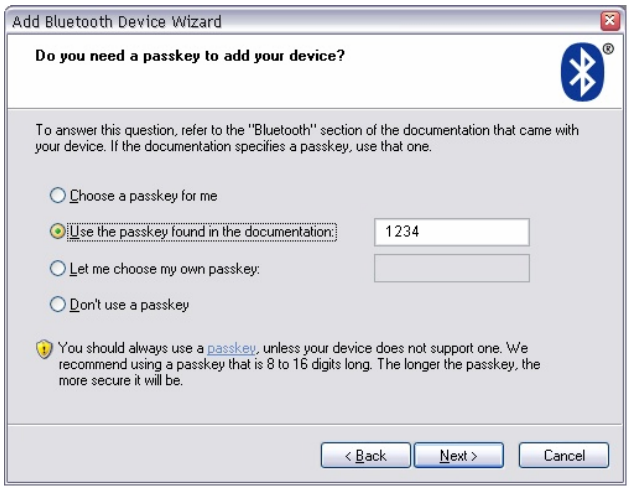
IMPORTANT: Please verify that the Flow computer is turned ON, it is configured to communicate using Bluetooth™ and it has a Meter ID name.

Step 4. Go back to the "**Devices**" tab Click on the **"Add"** button, in order to search for the Flow Computer, a wizard will start:

Step 5. Once you see your device name on the dialog, select it and click the **"Next"** button.



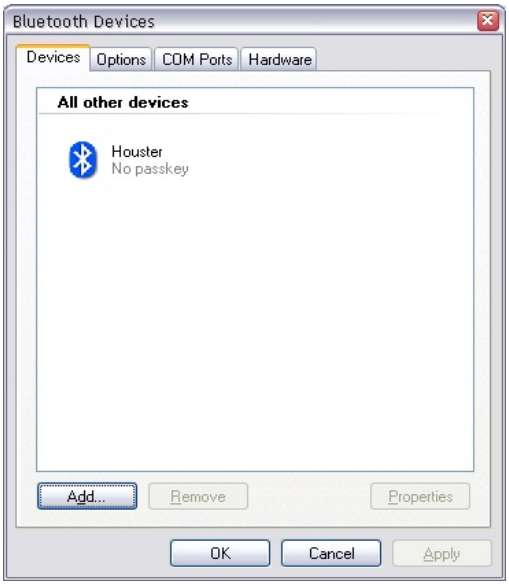
Step 6. Choose "**Use the passkey found in the documentation**" and enter **1234** then click on the "Next" button.



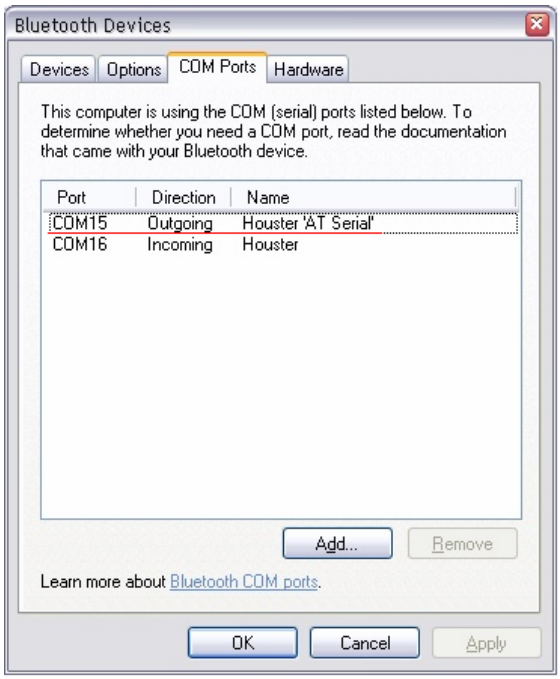
Step 7. Wait until the device parings is completed, then the next window will appear.

Step 8. Please take a note of the **Outgoing COM port** assigned to the Flow Computer, on this example the port is COM15, as you can see on the image. Click on "Finish", now the device is ready to communicate Bluetooth™.

Step 9. Now you will be back to "Bluetooth Devices", but this time the Flow Computer is installed.

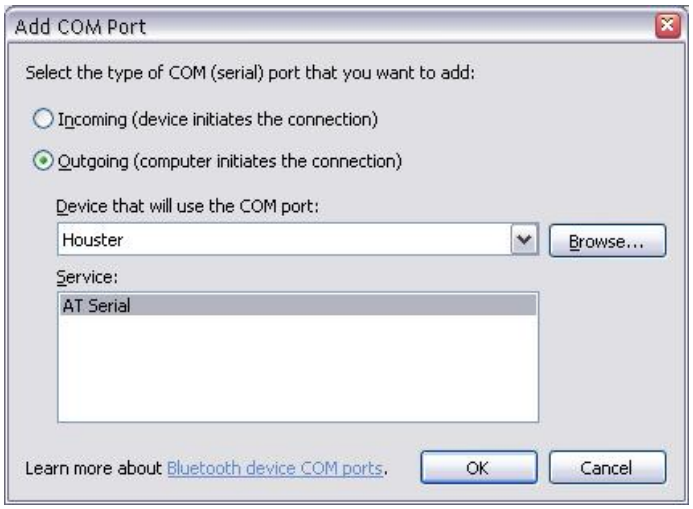


In case you do not remember the COM port assigned to the Flow Computer, this can be checked by clicking on the **COM Ports** tab, you will see the Port number to use on the Dynacom software to connect to the Flow computer, remember, it is the one marked as **Outgoing**.



If for any reason the ports were not added, or they were deleted, you can add the outgoing port manually by clicking on the **"Add"** button:

Select **Outgoing** as the type of port, select the Flow Computer name from the list of devices and click **Ok**, that will create the COM port.



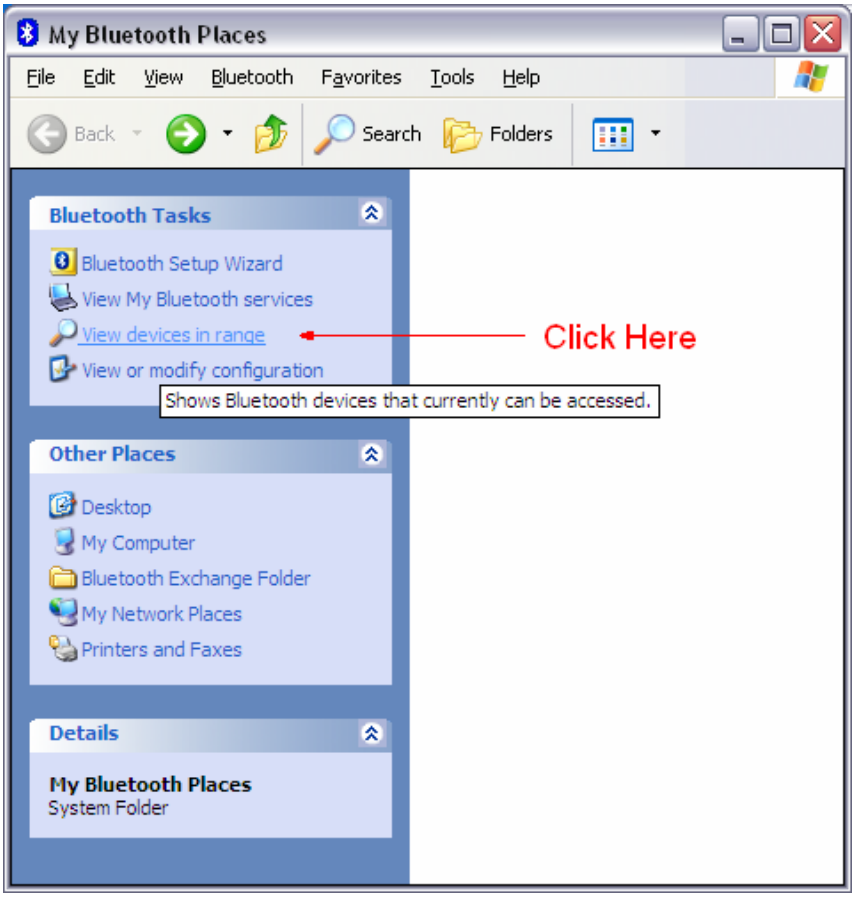
Final Step. Run the Dynacom software, and use the Port that was assigned to the Flow Computer via Bluetooth just as a regular serial port.

Guide for computers with Broadcom™ Bluetooth™ Stack

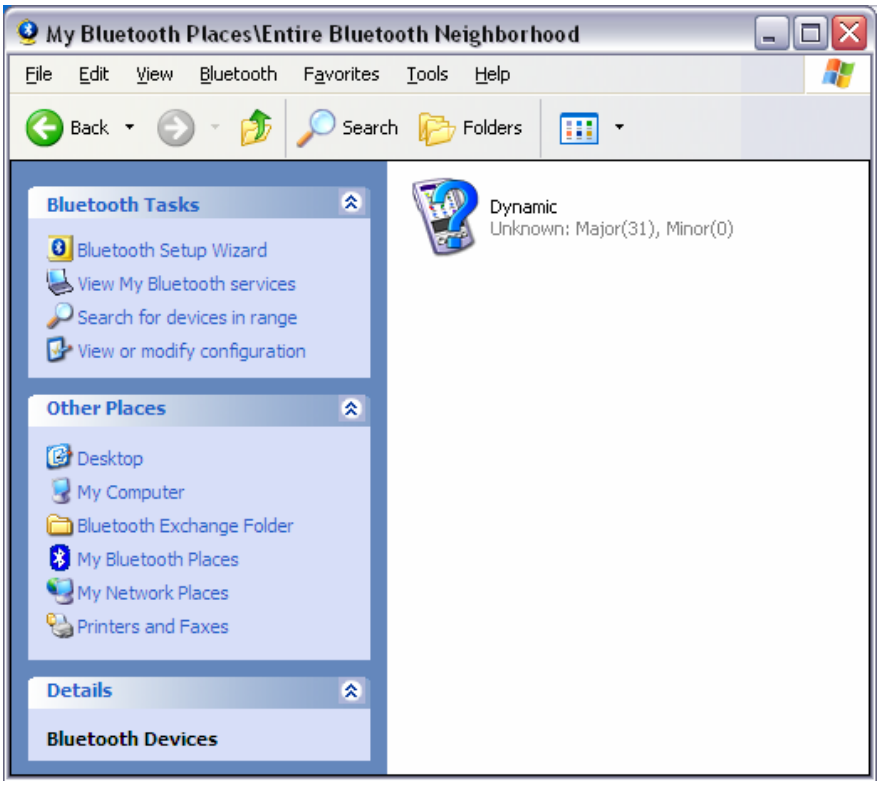
Step 1. Run the "Bluetooth Devices" dialog, this can be done from the system tray by clicking on the Bluetooth icon:

IMPORTANT: Please verify that the Flow computer is turned ON, it is configured to communicate using Bluetooth™ and it has a Meter ID name.

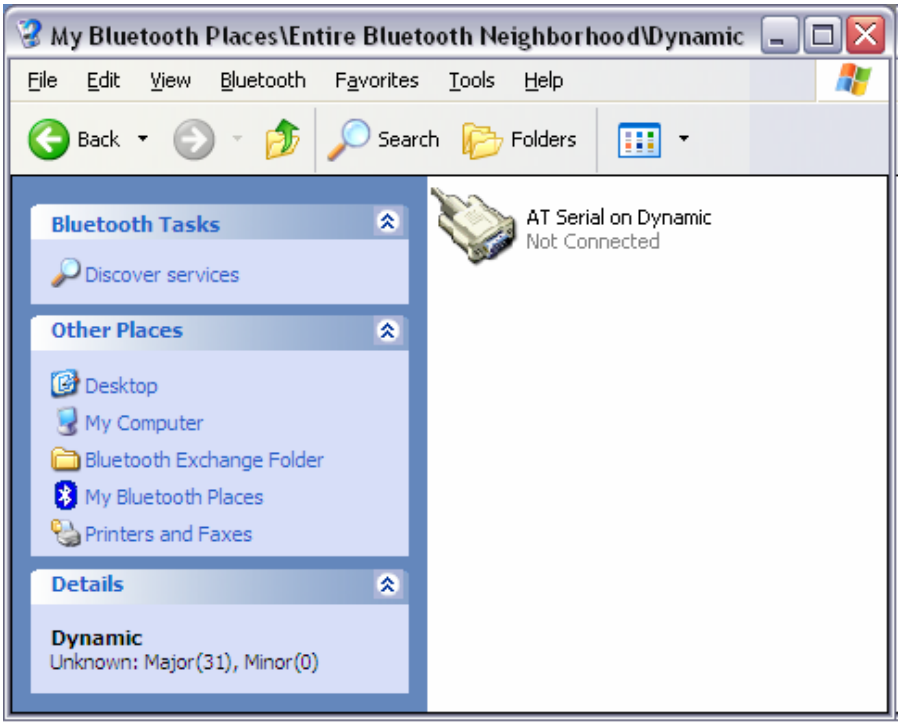
Step 2. Click on "**View Devices in Range**" to detect the Flow computer.



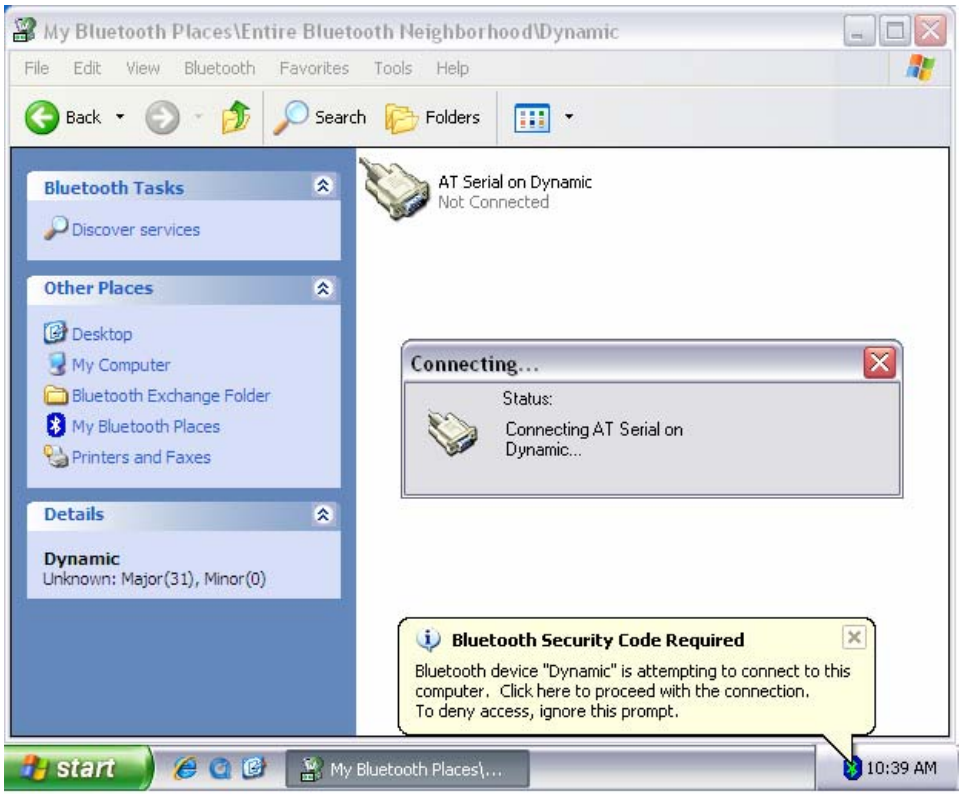
Step 3. The Flow Computer should be found as an unknown type device and the Meter ID as the device name. Double-click on it to identify available services.



Step 4. The AT serial service should be automatically discovered, if not click on "**Discover services**" on the left task panel. The AT Serial service should appear on the screen.

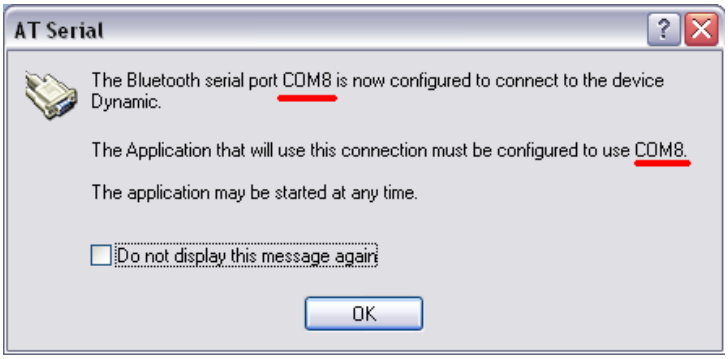


Step 5. Double click on the **AT Serial service** to start the device pairing.



Step 6. Click on the "**Bluetooth Security Code required**" balloon popping up from the Windows tray bar and enter the paring key **1234** on the field provided.

Step 7. After the pairing is complete, a new serial port will be assigned to the device, note this port number since you will need to set the Dynacom software to use this port (on the sample picture the port assigned was COM8)



Final Step. Now on Dynacom set the port settings to use the new port assigned to the Bluetooth device, in this case port 8.