**Choose a business card as needed**-each time a remote device requests your business card you must select a card from your PIM. If you ignore the request the remote device will receive a timeout notice.

**Always send the same business card**-when this option is selected a dialog appears that allows you to set a default business card, which will be sent automatically when requests are received.

Where to store received business cards. The Received Business Cards options are:

- Microsoft Outlook
- Outlook Express
- Lotus Notes

---

NOTE: The selected Received Business Cards option does not influence the settings on other PIM-related property pages.

For example, even if the PIM Item Transfer *service* business card option on this computer is configured to "Do Not Accept", the PIM Item Transfer *application* will still accept business cards that the application has specifically requested via its "Receive" or "Exchange" functions.

---

Email attachments. The only option is include or do not include attachments with email that is sent or received on this computer using this service.

# PIM Synchronization setting

### Overview

The PIM Synchronization Application is used to synchronize the Personal Information Manager (PIM) database of this computer with the PIM database of a remote Bluetooth device.

The supported PIMs are:

- Microsoft Outlook
- Microsoft Outlook Express
- Lotus Notes.

### The supported data types are:

- Business cards
- Calendar items
- Email (with or without attachments)
- Notes.

### Configure PIM Synchronization

The Bluetooth Configuration Panel > Client Applications > PIM Synchronization > General tab provides options to configure:

- The application name- to change it, highlight the existing name and enter the new name.
- Enable or disable secure connection. To enable secure connection, place a checkmark in the box.
- The PIM items to be synchronized and the PIM on this computer with which those items should be synced.

```
NOTE: If synchronization is enabled for a specific
item type, but is not enabled for that item type on
the remote device, synchronization WILL NOT takes
place for that item.
```

The data item types which can be synchronized are:

- Business cards
- Calendar items
- Email (with or without attachments-see below)
- Notes

Possible synchronization options for each of these data item types include:

**Do Not Synchronize**-this item type will not be synchronized

**Synchronize Microsoft Outlook**-this item type will be synced with its matching entry in Microsoft Outlook, regardless of the PIM that contains this entry on the remote device. If a matching Outlook entry does not exist, it will be created

**Synchronize Outlook-Express**-this item type will be synced with its matching entry in Express, regardless of the PIM that contains this entry on the remote device. If a matching Express entry does not exist, it will be created

**Synchronize Lotus Notes**-this item type will be synced with its matching entry in Lotus Notes, regardless of the PIM that contains this entry on the remote device. If a matching Notes entry does not exist, it will be created.

---

NOTE: All choices are not available for all items. For example, Notes items can only be synchronized in Microsoft Outlook, therefore Lotus Notes and Outlook Express do not appear as options in the "Notes" item shortcut menu.

Personal Information Managers that are not installed on this computer do not appear as options in the shortcut menus.

---

Email attachments. The only option is include or do not include attachments with email that is sent or received on this computer using this service.

# Serial port setting

The Bluetooth Serial Port service allows two Bluetooth devices to establish a wireless connection through virtual communications ports and then use that connection as if it were a hardwired serial cable between the devices.

**To establish a Bluetooth serial port connection:**

**Connections are initiated from the client:**

On the client, in the Folders pane of **"My Bluetooth Places"**, select **"Entire Bluetooth Neighborhood"**.

1. In the right pane of **"Entire Bluetooth Neighborhood"**, right-click anywhere *except on a device name* and select **"Refresh"** from the pop-up menu.

2. In the Folders pane of **"My Bluetooth Places"**, right-click the server you want to establish a connection with and select **"Discover Available Services"** from the popup menu to update the available services list. The available services will be displayed in the right pane of **"My Bluetooth Places".**

3. In the right pane of **"My Bluetooth Places"**, double-click **"Bluetooth Serial Port"**. A dialog box appears that contains the communications port number assigned to this connection by the client. The application that will use this connection must be configured to send data to this port.

4. Depending on the security configuration, the dialog box that provides communications port information may not appear until after Authentication and Authorization have been accomplished.

The application on the server must be configured to use the correct communications port.

**To determine the communications port being used by the service:**

* On the server, in the Folders pane of **"My Bluetooth Places"**, right-click **"My Device"** and select **"Properties"** from the pop-up menu

* In the **"Bluetooth Configuration Panel"**, select the **"Local Services"** tab.

* Double-click the **"Bluetooth Serial Port"** service to display its **"Service Properties"** dialog box. The **"Service Properties"** dialog box shows the communications port the connection is using.

**To close a Bluetooth serial port connection**

**Connections are normally closed from the client:**

* On the client, in the Folders pane of **"My Bluetooth Places"**, select (highlight) the device that is providing the **"Bluetooth Serial Port"** service.

* In the right pane of **"My Bluetooth Places"**, right-click **"Bluetooth Serial Port"** and then select **"Disconnect Bluetooth Serial Port"** from the pop-up menu. Though not recommended, connections can also be closed from the server:
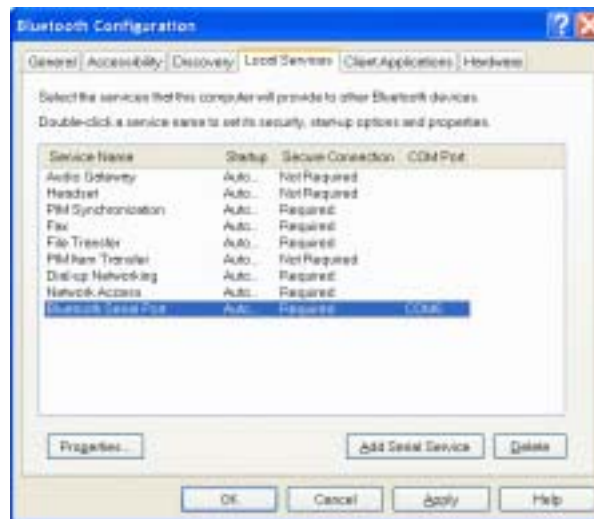
* On the server, in the Folders pane of **"My Bluetooth Places"**, select (highlight) **"My Device".**

* In the right pane of **"My Bluetooth Places"**, right-click **"Bluetooth Serial Port"** and then select Stop to close the service. The service must be re-started before it will be available to remote devices (right-click Bluetooth Serial Port and select Start from the pop-up menu).

# ActiveSync setting

### ActiveSync setting for Windows

1. Right-click on *Bluetooth Configuration* icon from the toolbar in the desktop window. Select *Setup* and then open *Configuration* window.

2. Select *Local Service* tab from the Bluetooth Configuration window. In the *Service Properties* window, please learn by heart the current COM port this computer uses, for example: COM 6, in order to identify this value with the configuration of Microsoft ActiveSync later .
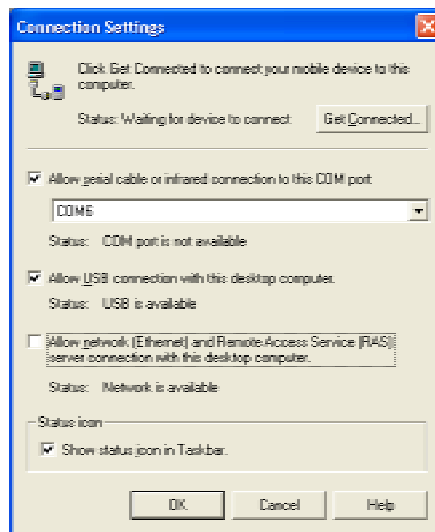
3.  In the *Microsoft ActiveSync* window, select *Connection Settings...* from drop-down list of File menu.
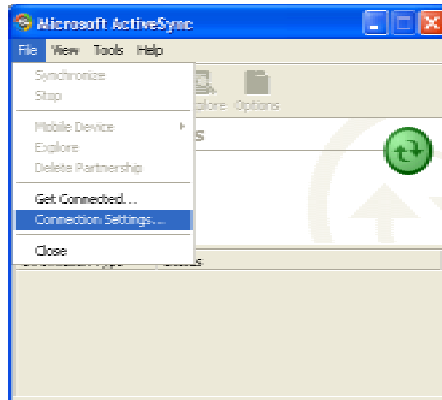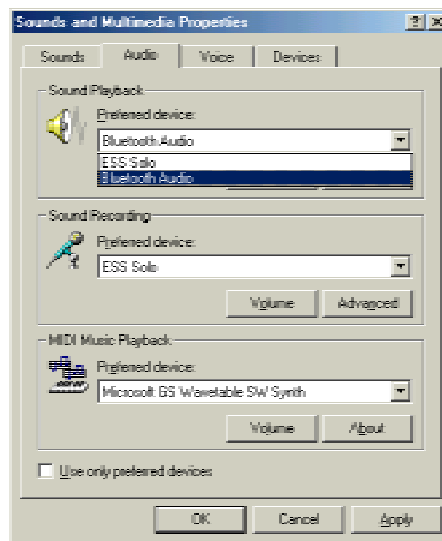


4.  Choose the same COM port. (in this case, it is COM 6 that Bluetooth Serial port uses shown in the Step 2.)



5.  Please refer to the PDA ActiveSync Setting to complete the Bluetooth ActiveSync Configuration Process

# Audio Gateway setting for windows

The Audio Gateway Application allows a remote Bluetooth device to use this computer's microphone and speakers as the remote device's audio input and output devices.



*Remember please switch your Audio device to **"Bluetooth Audio"** from control panel.

Open a connection to the Audio Gateway service that is provided by another Bluetooth device using one of these techniques:

- Windows system tray, Bluetooth icon
- From Bluetooth Explorer
- Using the Bluetooth Setup Wizard

From Bluetooth Explorer to connection your headset device.
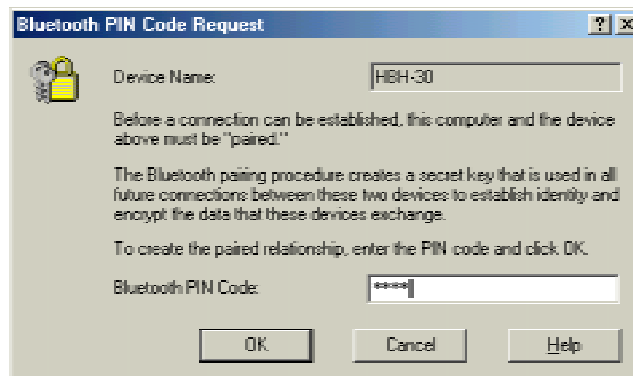


Key in headset pair key or PIN code. (Refer to the Headset's user's manual for reference)

**Close an audio gateway connection:**

If the connection was established via the Bluetooth icon in the Windows system tray; click the Bluetooth icon, select Quick Connect, Audio Gateway and then select the device that is providing the service (active connections have a checkmark in front of them). Or No matter how the connection was created, In My Bluetooth Places, right-click the service name and select Disconnect.**Configure** The **Bluetooth Configuration Panel > Client Applications > Audio Gateway > General** tab provides options to configure:

- The application name-- to change it, highlight the existing name and enter the new name.

- Enable or disable secure connection. To enable secure connection, place a checkmark in the box.

# Personal area network setting for windows

The Personal Area Networking (PAN) chapter will show you how two or more Bluetooth enabled devices can form an ad-hoc network and how the same mechanism can be used to access a remote network through a network access point.
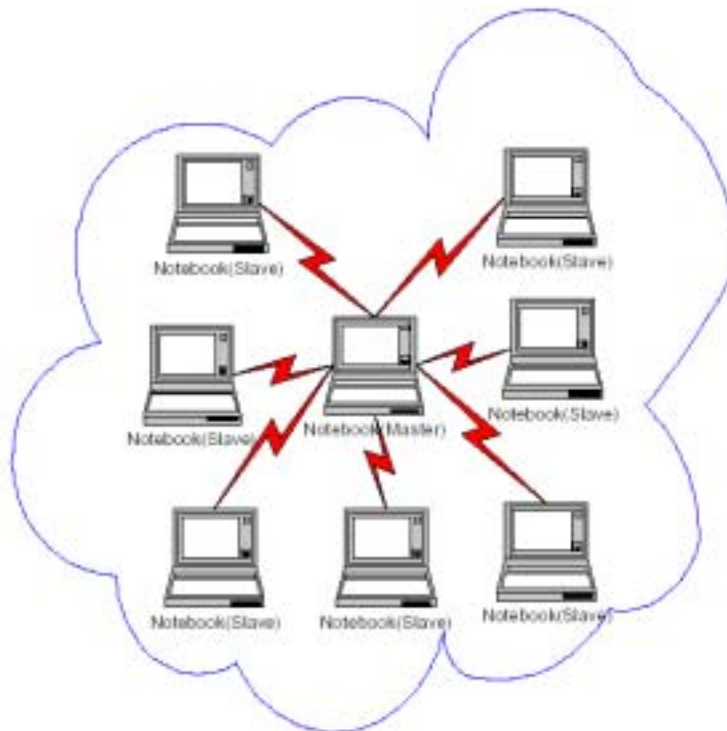
### How to setup an Ad-hoc Network

1. On the client, in the Folders pane of "My Bluetooth Places", select "Entire Bluetooth Neighborhood".

2. In the right pane of "Entire Bluetooth Neighborhood", right-click anywhere *except on a device name* and select Refresh from the pop-up menu.
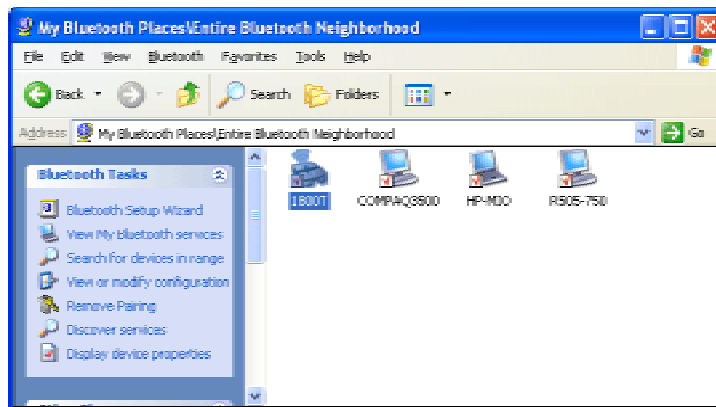


3. In the right pane of **"My Bluetooth Places"**, right-click the server that will provide the Networking Access Service and select Discover Available Services from the pop-up menu to update the available services list. The available services will be displayed in the right pane of **"My Bluetooth Places"**.
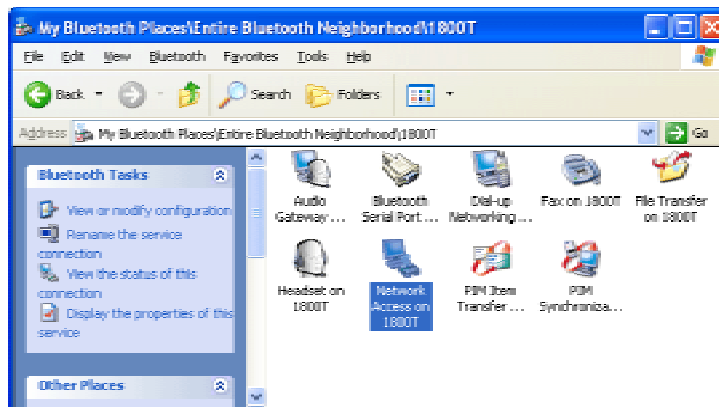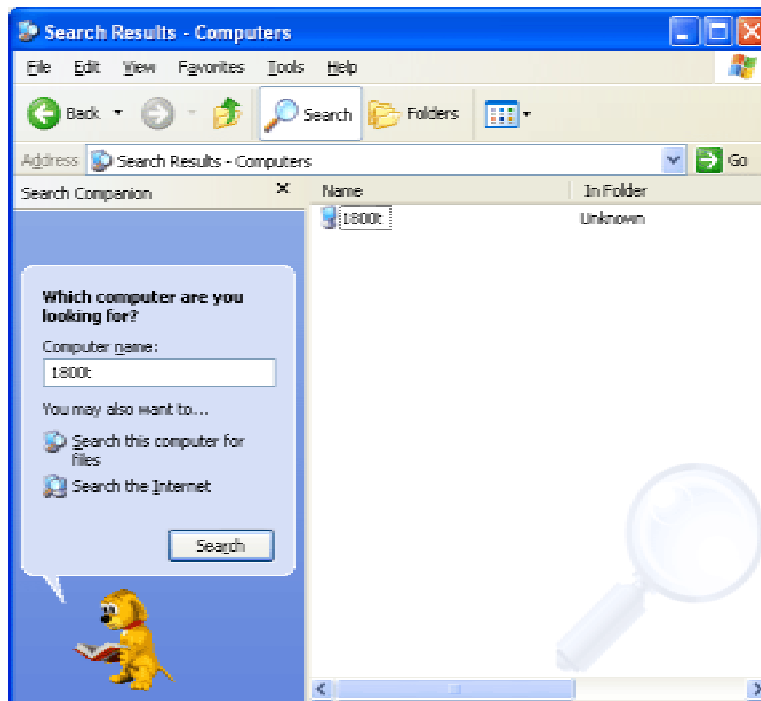


Double click Network Access to establish a PAN network.

If the system pops up a **"Bluetooth PIN Code Request"** window please key in the same passkey or PIN code between the two devices.
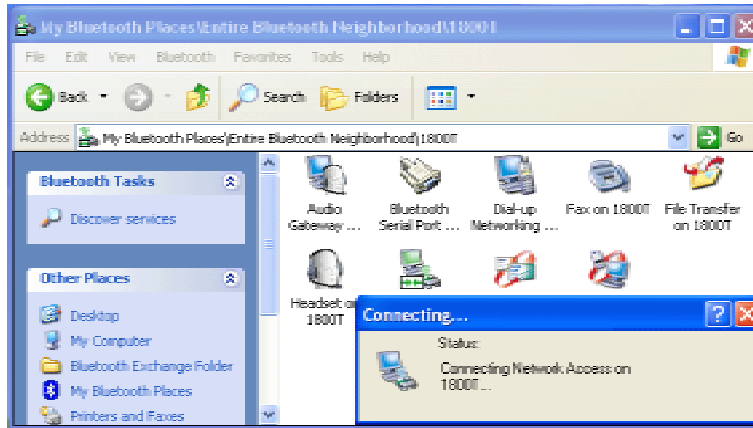


Once connected, you can check your Bluetooth PAN network neighborhood from the file explorer or by the **"Search Computers"** function.

### How to setup with Bluetooth Network Access Point

The Bluetooth Software makes it easy to join an existing personal network, hosted by another Bluetooth device (PocketPC, desktop, etc.) From the **My Bluetooth Places**, choose **Entire Bluetooth Neighborhood,** and select the Bluetooth device that you want to establish a PAN connection and double click the device icon.
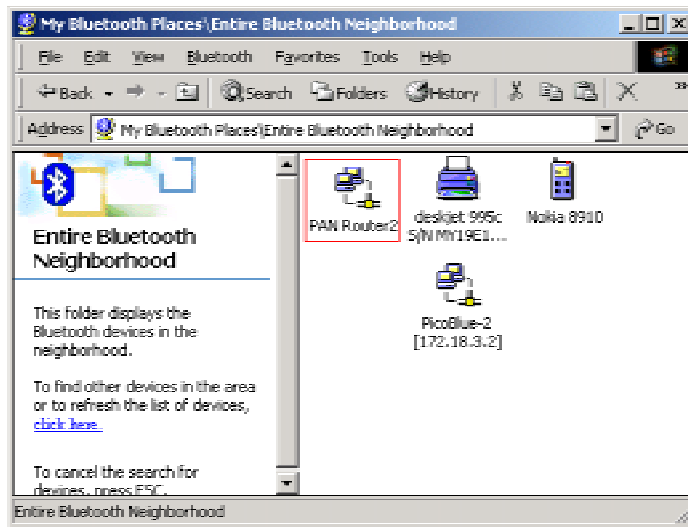


It will list out all the available services of this device, please select the NAP Service.
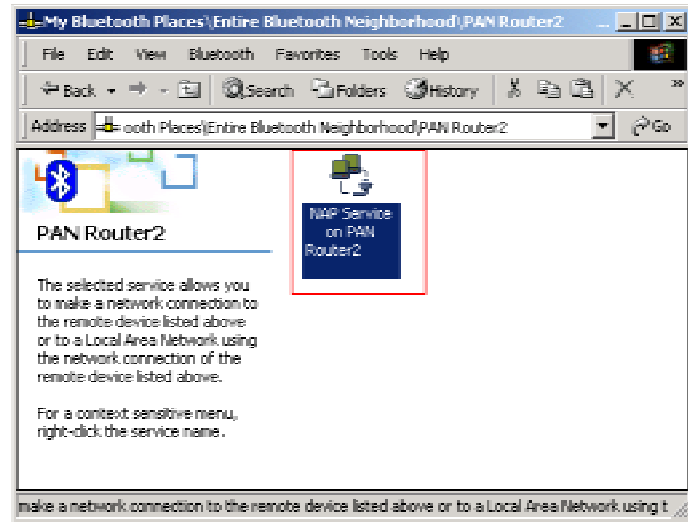
Right click the NAP Service and select **"Connect to Network Access Point"**, your PC will get an IP address from the Network Access Point.

At this moment, you might be prompted to enter the IP network settings; if this is the case, choose "**Obtain an IP address automatically**" from your Bluetooth Network TCP/IP setting.

After selecting the host, a connection will then be established between your PC and the host over the personal network.