J2 Wave Bluetooth Setup

User Manual

Contents

Turning on the Bluetooth Connection

1: Enable the Bluetooth Connection by following the steps "Start" > "Settings" > "Control Panel" > "Bluetooth Device".
2: Select "Config" tab In the "Bluetooth Manager " dialog box.
3: Press "Turn Bluetooth ON" button to "Turn Bluetooth Off" to enable the Bluetooth connection.

Scanning Bluetooth Devices

We can scan the devices in a area and active their services in a "Bluetooth Manger" dialog by selecting "Start" > "Settings" > "Control Panel" > "Bluetooth Device".

1: To turn on the Bluetooth Connection. (Chapter 3-2-1)
2: Select "**Scan Device**" tab in the "Bluetooth Manager dialog box".
3: Press "**Scan Device**" button to scan the surrounding Bluetooth devices.
4: Select a Bluetooth device you want listing in the "Device menu" and press "Add Device" button.

Note: Please refer to Programming Interface of Bluetooth for more information.

Paring a Bluetooth Printer Device

In Bluetooth, you have the option to "pair" two devices. When you pair with a Bluetooth device, this device will be "remembered" that means you need not search for the device again when you want to use the device next time.
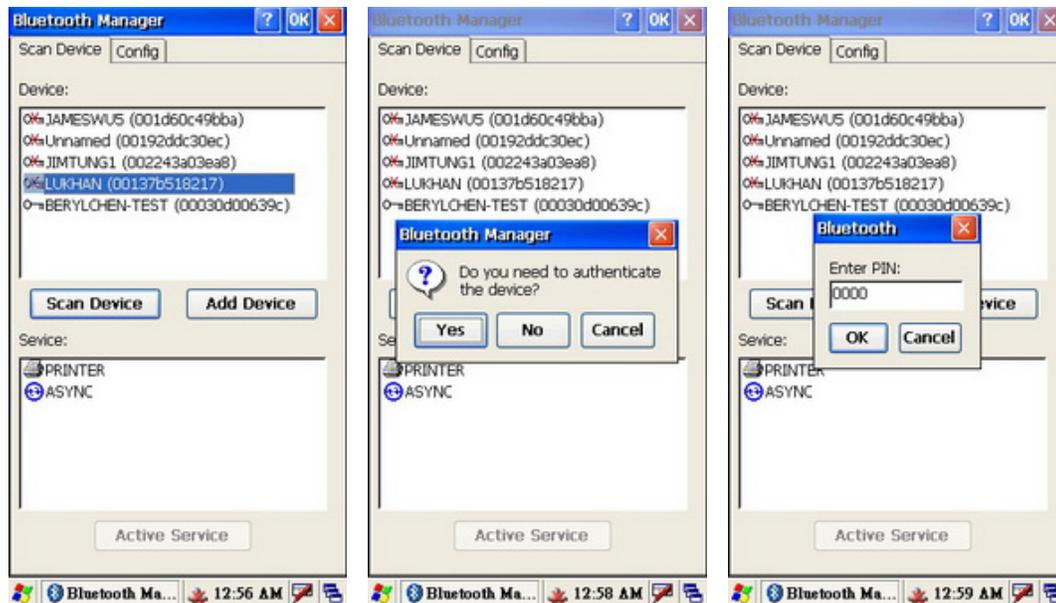
1: Select a Bluetooth printer device you want on the Device list after tapping on the "Scan Devices" button.
2: Press "Add Device" button. A "Bluetooth Manager" dialog box will pop up.
3: Press "Yes" button to authenticate (pair) the mobile system and the printer device.
4: A PIN code is request when paring to a printer device.
5: Enter the pin code to complete the authentication.

Active Printer Service
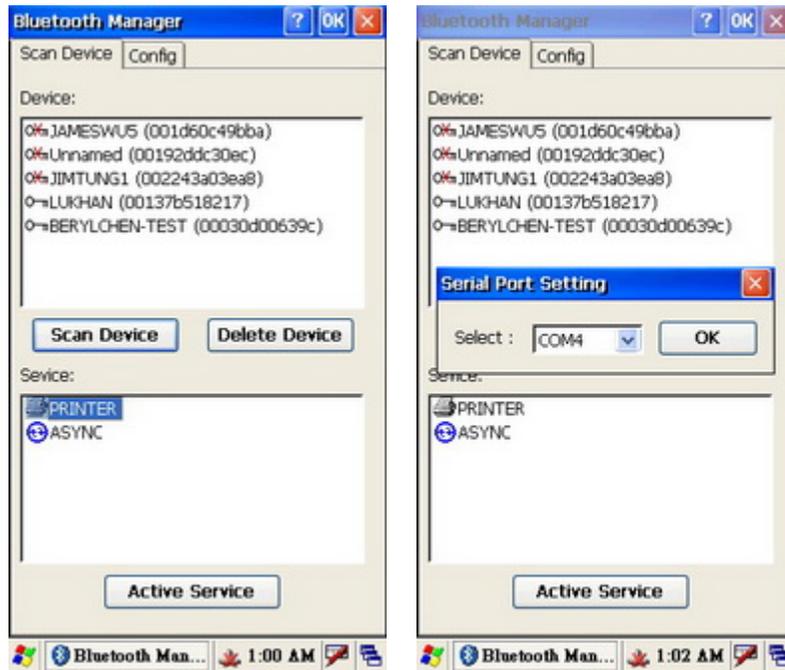
1: Tapping on the Bluetooth Printer device you want and choose a service on the "Service" menu. The current example is selecting "Printer" service.
2: Press "Active Service" button to active the Printer service. A "Serial Port Setting" dialog box will appear.
3: Choose the COM port options in the drop down list you want.
4: Press "OK".

Pairing a Bluetooth enabled PC

When you pair with a Bluetooth device, this device will be "remembered" that means you need not search for the device again when you want to use the device next time.
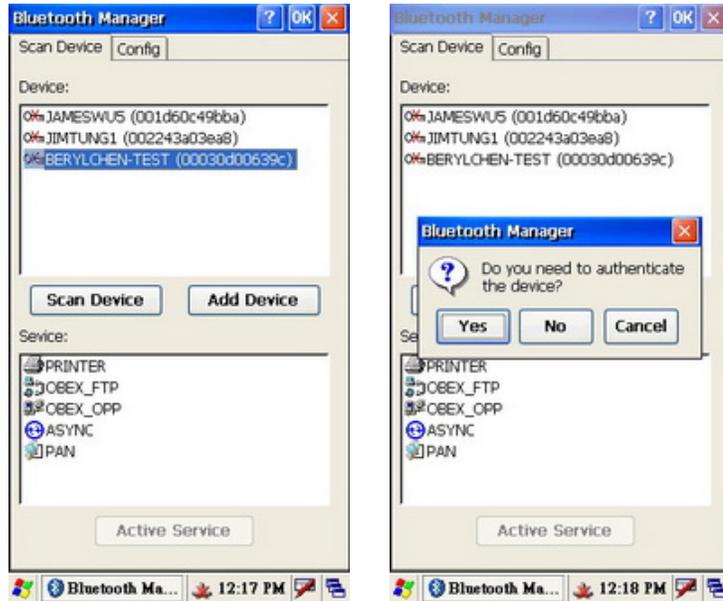
1: To turn on the Bluetooth Connection first, see Chapter 3-2-1.
2: Select a Bluetooth enabled PC device you want in the "Device" list.
3: Press "Add Device" button. A "Bluetooth Manager" dialog box will pop up.
4: Press "Yes" button to authenticate the Mobile System and the PC.
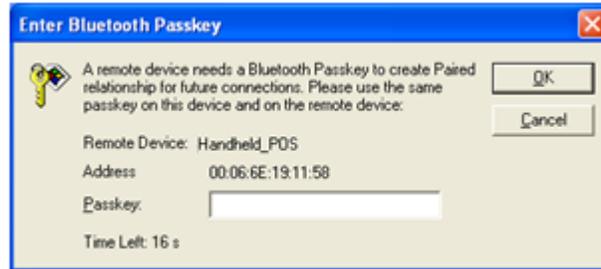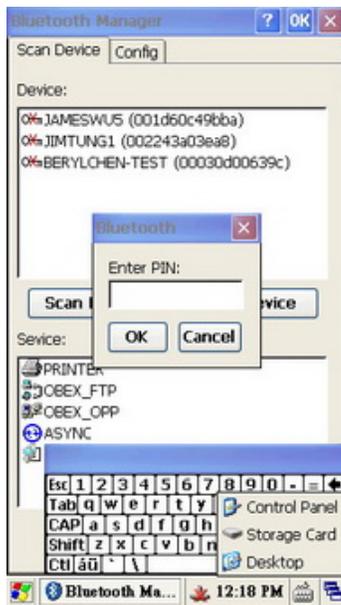
1: A PIN Entry request will pop up on the 2 Bluetooth connecting devices for paring. **Note:** Here is an example screen captured from the IVT Bluetooth dongle and the pertaining AP installed on the PC.

1: Enter the same pin code on both sides.

1: Select service at "Service" menu you want. Here we choose "ASYNC" service.
2: Press "Active Service" button.

Installing the Microsoft ActiveSync

To synchronize the Mobile System with a PC, we need to install the Microsoft ActiveSync Program on the PC. Please refer the detail installation procedures to the Microsoft official website.

Check the Assigned Bluetooth Serial Com Port

Check to see what the Bluetooth serial port is assigned. The COM port is assigned according to the Bluetooth Device you use. It is only checked for the first time.

The following Bluetooth Settings window is captured by IVT Bluetooth dongle and the pertaining AP. The screen various according to the AP you install.
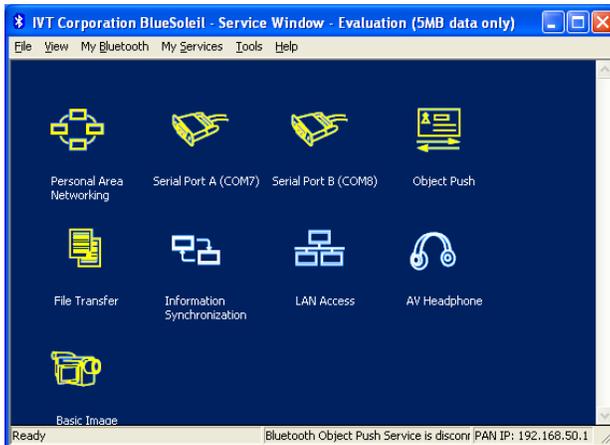
1: Open the Bluetooth AP and check the COM Port that is assigned.
2: Select the "View" > "Service" menu on the toolbar of IVT AP. We will see the assigned Serial Port. In this case, it is mapped to COM7 or COM8. We will need the assigned COM Port to set up for the Microsoft ActiveSync Program. The setting only happens in the first time.

Setup COM Port in the ActiveSync Program

The COM port is only setup for the first time.
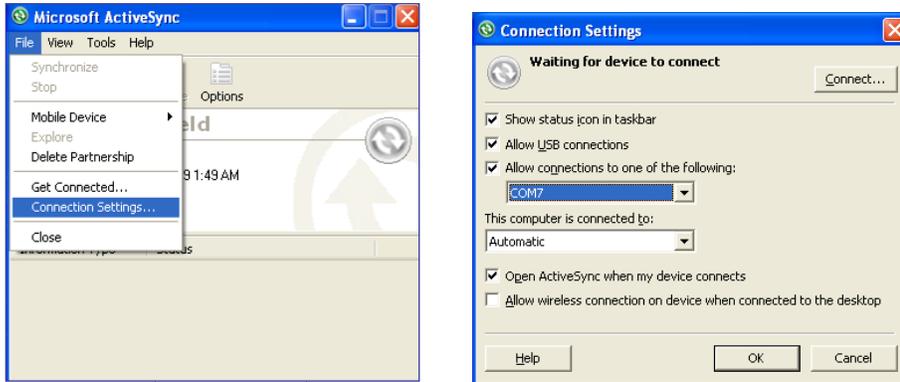
1: Open the Microsoft ActiveSync Program on your PC.
2: Choose "File" > "Connection Settings" menu on the toolbar. A "Connections Settings" dialog box will appear.
3: Enable the "Allow connections to one of the following" check box and select the COM Port options. In this case we choose COM 7.
4: Press "OK" button to save the connection settings.

Connecting the Mobile System to the Bluetooth enabled PC
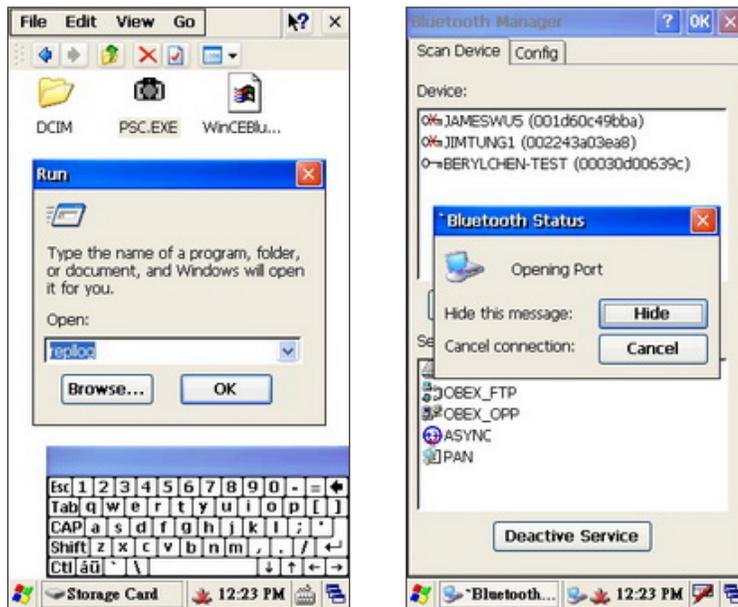
1: Click "Start" > "Run" to run "repllog" in the text box.
2: Press "OK" button. A "Bluetooth Status" dialog box will pop up. Press "Hide" to hide the message.
3: After running the "repllog", the Mobile System connects to the PC automatically and a "New Partnership" is requested to set up for the first time.

1:Press "Next" button.
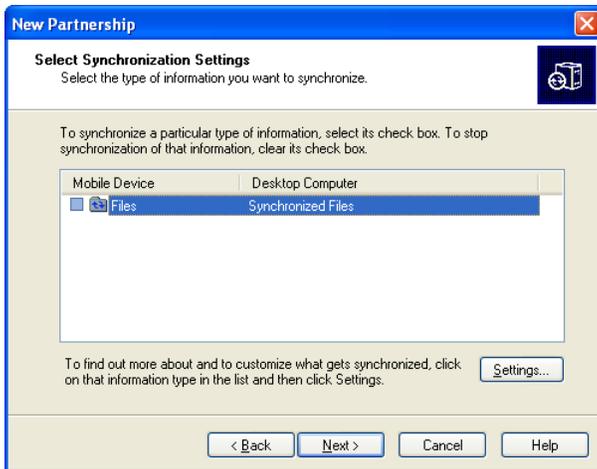
1: A "Select Synchronization Settings" window will appear.
2: Press "Setting" for your own setting inquiry.
3: Press "Next" button to the "Setup Complete Window".
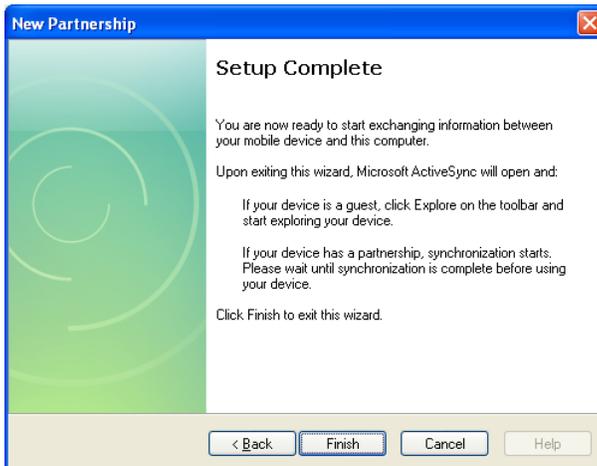
1: To press "Finish" button to complete the setup procedure.

Disconnecting the PC

1: Go to "Start" > "Settings" > "Control Panel" > "Bluetooth Device" on the Mobile System.
2: Press "Deactivate Service" button to disable the service and disconnect the PC.

Bluetooth File Transfer (FTP)

To transfer files from a PC to the Mobile System, please turn on the Bluetooth connection and scanning the Bluetooth enabled PC

In this case, we use IVT Bluetooth Dongle and the pertaining AP as an example. The screen various according to the AP you install.
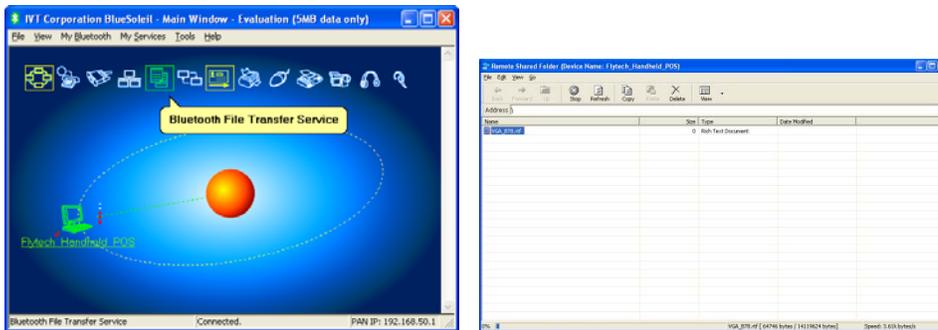
1: Enabling the Bluetooth connection.
2: Scanning the destination PC.
3: Press "Bluetooth File Transfer Service" on the IVT Bluetooth AP. A "Remote Shared Folder" window will appear.
4: Put files on it by performing copy-and-past.
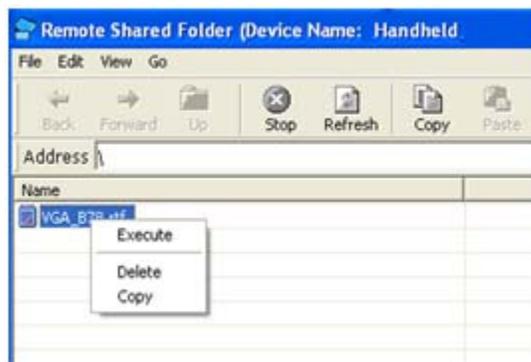
1: Right Click on the file and press "Execute" to transfer the file to your system.

Access the files on the Mobile System
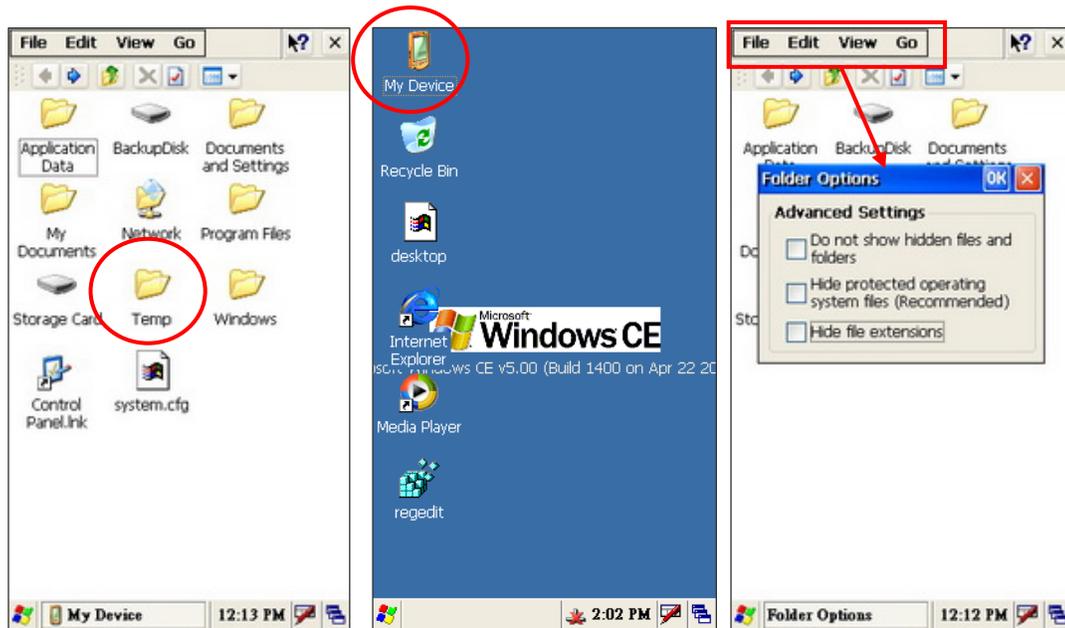
1: To Select "My Device" icon on Today Screen.
2: Click "View" > "Options" on the toolbar.
3: To disable the 3 check boxes on the "Folder Options" dialog box.
4: You will see the "Temp" folder appears on the "My Device" Window.
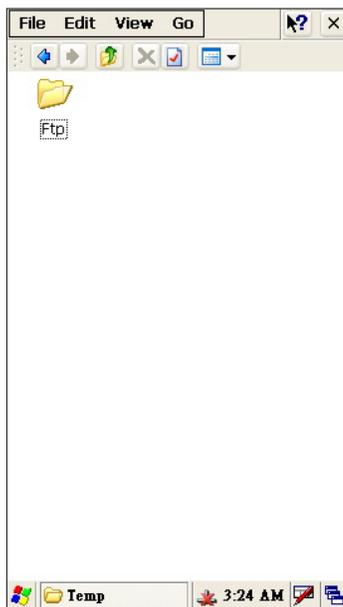
1: If the file transfer is successful it will create a "FTP" folder in the Temp Folder automatically. All the transferring files are put in the folder.