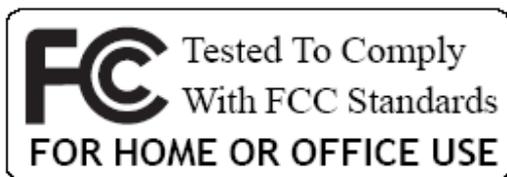


# *Printer Combo Adapter*

## PDA USER'S GUIDE

VERSION 1.1



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## WELCOME

Thank you for your purchase of the Printer Combo Adapter. Featuring Bluetooth wireless technology, Printer Combo Adapter creates cable-free printing connections between your desktop PCs and your printers. Printer Combo Adapter is compatible with all Bluetooth v2.0-certified devices and you can connect your computing devices and printers 100 meters away without cables in your working environments, such as home or office.

### FEATURES

- ❏ Compliant with Bluetooth standard version 2.0 .
- ❏ Support for Microsoft Windows 98SE, Me, 2000 and XP.
- ❏ Operating distance of up to 100 meters in free space.
- ❏ Bluetooth Class I (20 dbm).
- ❏ Support both USB and 1284 printer port interfaces.
- ❏ Both SPP and HCRP print service profiles supported.
- ❏ Easy operation and setting up.

### SYSTEM REQUIREMENTS

- ❏ PCs must have a Bluetooth device installed, such as a Bluetooth USB dongle. It allows you to communicate with Printer Combo Adapter.
- ❏ PCs must have a Bluetooth device driver installed, such as Widcomm driver. It is always accompanied with your Bluetooth dongle device purchased. Furthermore, make sure the driver is of the latest revision which supports Bluetooth print service.
- ❏ PCs can have different printer drivers installed, printer drivers such as HP, Epson, Canon...etc. You can install at least one before using Printer Combo Adapter.
- ❏ USB printer shall follow USB printer specification as downloadable from USB forum - <http://www.usb.org>. Some printers do not follow this specification and can not be used.

## BEFORE YOU START

### 1. Confirm Box Contents



Printer Combo Adapter

**IMPORTANT**



Power Adapter



Utility CD



Manual

PLEASE READ ALL INSTRUCTIONS AND THE SAFETY GUIDE BEFORE YOU PLUG THE UNIT INTO THE PRINTER.

## CONNECTING YOUR BLUETOOTH USB ADAPTER WITH PC

- ❌ Connect your Bluetooth USB dongle with your PC.
- ❌ Install Widcomm Bluetooth software driver.

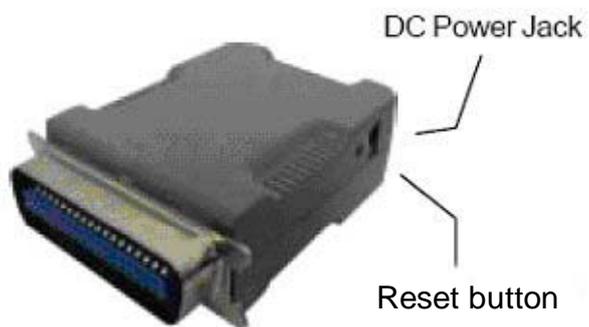


## PRINTER COMBO ADAPTER



USB Connector

IEEE-1284 connector



DC Power Jack

Reset button

## GETTING TO KNOW YOUR PRINTER COMBO ADAPTER

Printer combo adapter supports two interfaces which can be used to connect with your printer.

- 1). IEEE-1284 - It is a 36-pin male connector on the front. Connect it to your printer. If your printer hides its female connector inside its case, then you have to open it.
- 2). USB - It is a USB type A connector. You need to connect one end of the USB cable to printer combo adapter, then connect another end to the printer.

**Note** : If your printer supports both interfaces, we recommend you to choose just one to connect with printer combo adapter. If you connect printer combo adapter to both of them, 1284 interface will be the functioning one.

- 3). Apply power to adapter by using the power adapter accompanied, it is also the only way to RESET printer adapter.
- 4). Reset button is used by the advanced user to configure the printer adapter for some special purposes, it is normally left unused. You also can refer to the Utility Manual in CD for how to use it.

## FUNCTION OF LEDS DURING PRINTING

### ● POWER LED

- Power LED turns on when POWER is applied to printer combo adapter.

### ● BLUETOOTH LED

- Bluetooth LED is blinking when Bluetooth link is established but no data is transmitted on the line.
- Bluetooth LED is ON when PC is wirelessly sending data to printer through printer combo adapter.

### ● PRINTER LED

- Printer LED is ON when there is a USB or parallel (IEEE-1284) printer connected to the printer combo adapter.
- Printer LED is OFF when no printer is connected.
- Printer LED is blinking when PC is sending data to printer through printer combo adapter.

## INSTALLING MICROSOFT ACTIVESYNC

Before you can exchange information between your mobile device and your PC computer, you must set up ActiveSync. After installing ActiveSync in your PC, then you can download Bluetooth related driver or program from this PC to your mobile device.

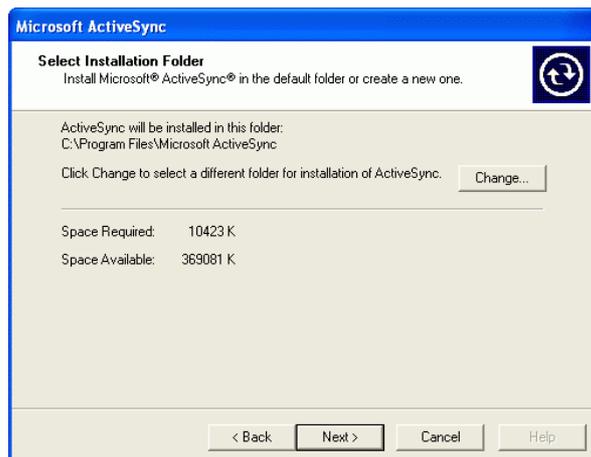
### Step 1:

Normally, there is a self-extracted file named MSAsync.exe, please double-click it to start the installation. Click **Next**.



### Step 2:

Select installation folder, you can use the default or change to your preferred folder. Click **Next**.

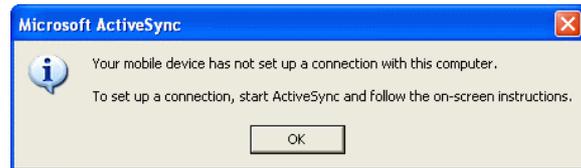


### Step 3:

PC will ask you to turn on your mobile device and connect it to COM or USB port of your PC. We will connect it later, so click **Cancel**.



A message prompts you that your mobile device has not set up a connection with your PC.  
Click **OK**.

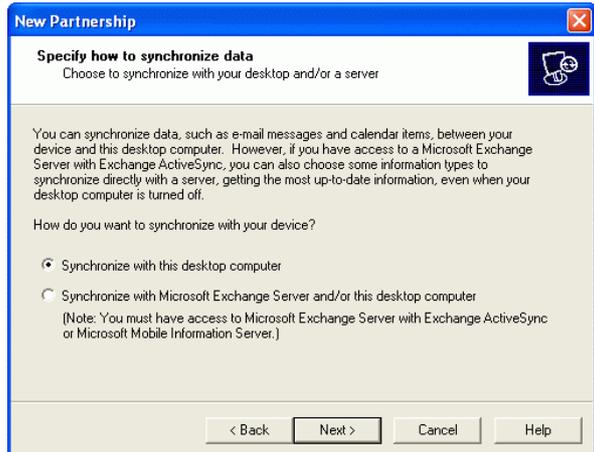


**Step 4:**

Power on pocket PC and connect it to your PC using accompanied USB cable. On your PC, click **Start -> All Programs -> Microsoft ActiveSync** to run ActiveSync, ActiveSync will autodetect mobile device and connect with it. Following the instructions to configure ActiveSync. The default choice is recommended.



Select **Standard partnership**.  
Click **Next**.

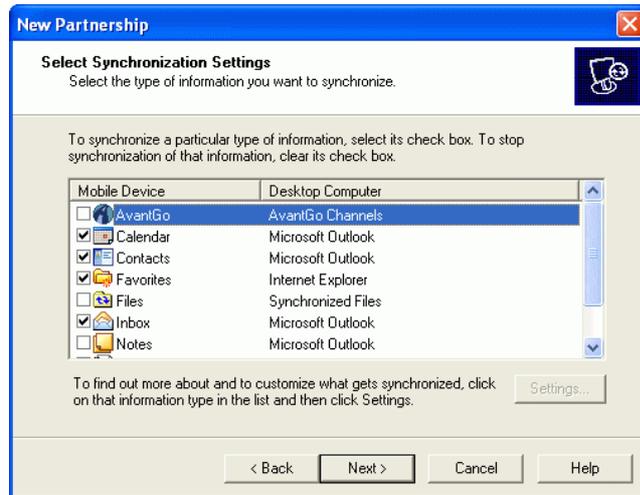


Select **Synchronize with this desktop computer**.  
Click **Next**.



Select **Yes, I want to synchronize with only this computer**.  
Click **Next**.

Click Next.



Click Finish.



ActiveSync starts establishing synchronized information.

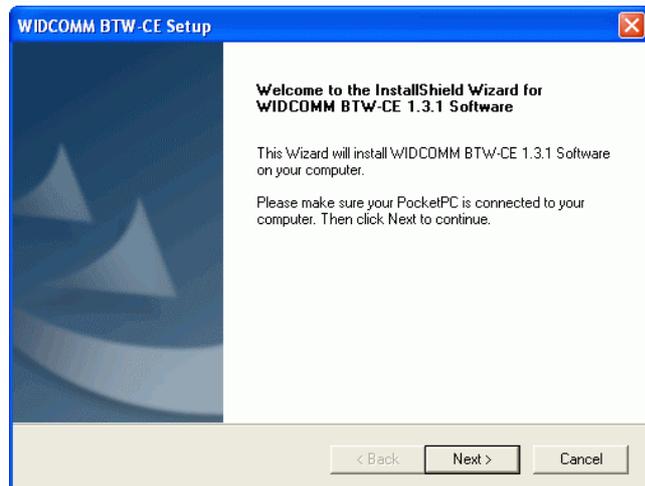


Synchronization is complete.  
A mark  is shown on the screen.

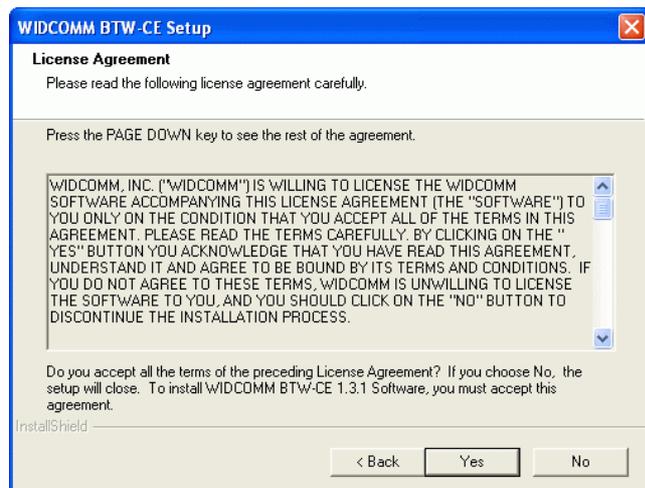


## INSTALLING WIDCOMM BTW-CE

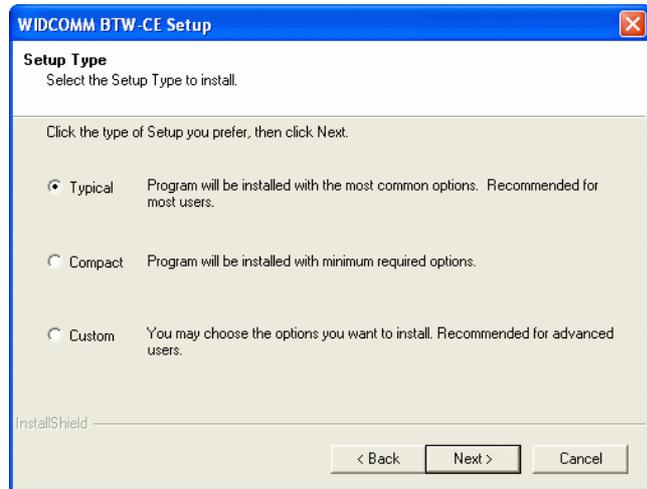
Now, we are going to install Widcomm BTW-CE 1.3.1 software on your mobile device. Make sure your Pocket PC is connected to your computer.  
Put Widcomm BTW-CE Install CD into CD drive of your PC, run setup.exe.  
Click Next.



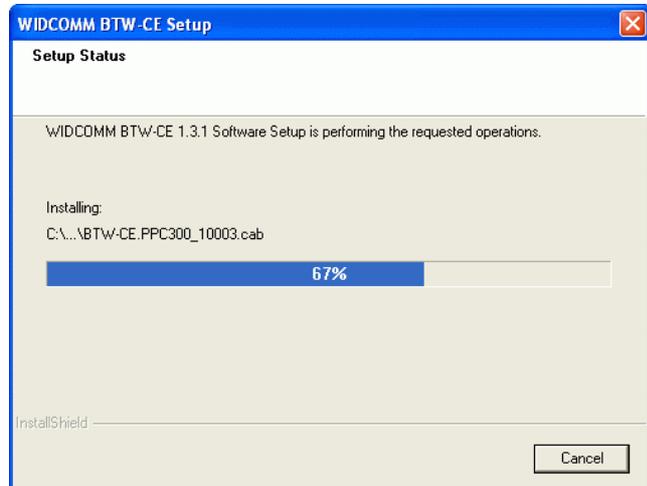
On License Agreement, Click Yes.



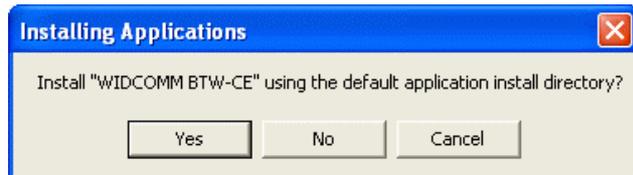
Select Typical,  
Click Next.



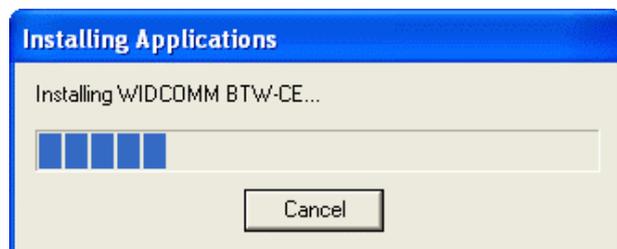
Installing setup is in progress in  
your PC.



Click Yes to install Widcomm BTWCE  
from your PC onto your Pocket PC.



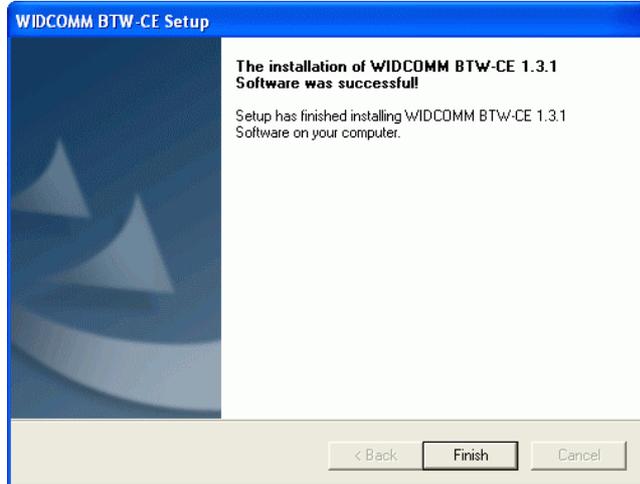
Installing Widcomm BTW-CE is in  
progress.



Widcomm BTW-CE is downloaded to your Pocket PC. Click OK.



Click Finish, the installation is complete.

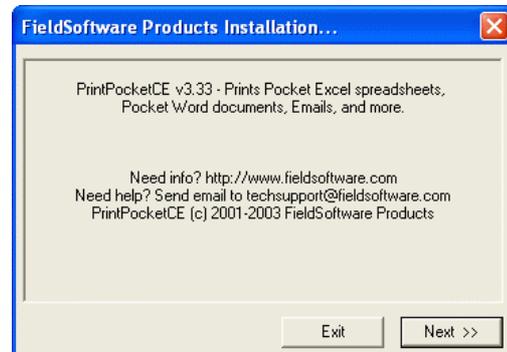


Reset your Pocket PC before using Bluetooth.

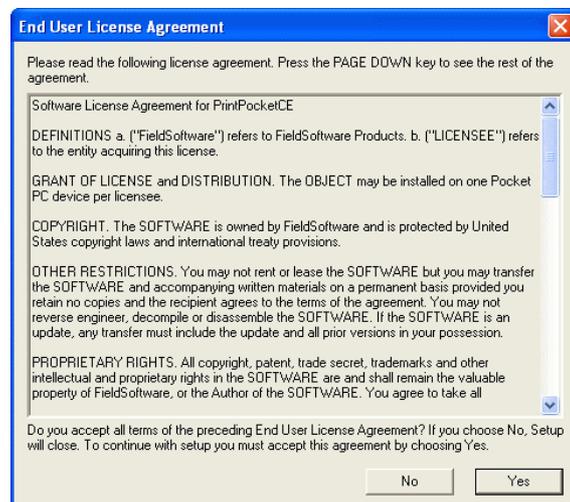


## INSTALLING PRINTING TOOL

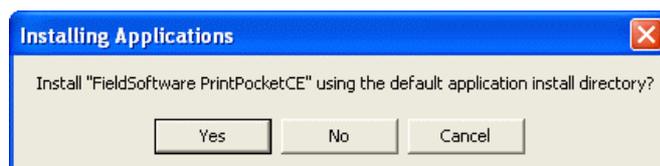
A Pocket PC printing tool must be installed first before you can print any document out. In this example, we select PrintPocketCE v3.33 as our printing tool. Click Next to continue.



Click Yes for License Agreement.



Click Yes to choose default install directory.

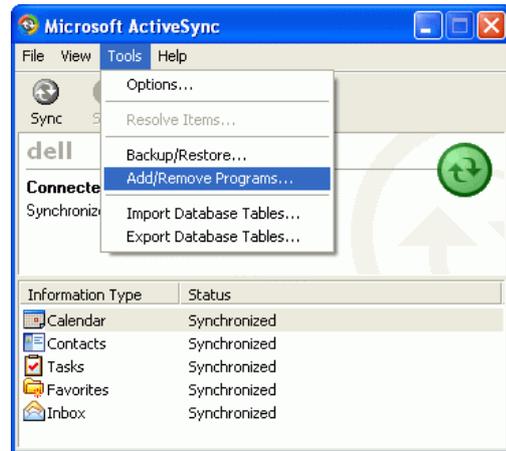


Installation is complete on your mobile device.



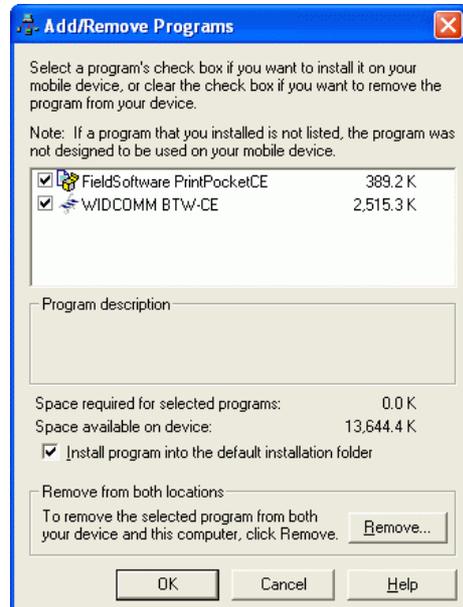
You also can use ActiveSync to Add/Remove programs to your mobile device.

Select **Tools** -> **Add/Remove Programs...**

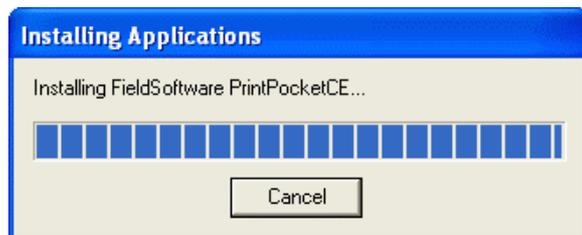


Information Type	Status
Calendar	Synchronized
Contacts	Synchronized
Tasks	Synchronized
Favorites	Synchronized
Inbox	Synchronized

Check the boxes to select programs. Check box - Install program into the default installation folder. Click OK.



Installing PrintPocketCE is in progress.



Installation is complete on your mobile device.



## START BLUETOOTH PRINTING

Step 1 : Read Serial Port.  
Click Start.



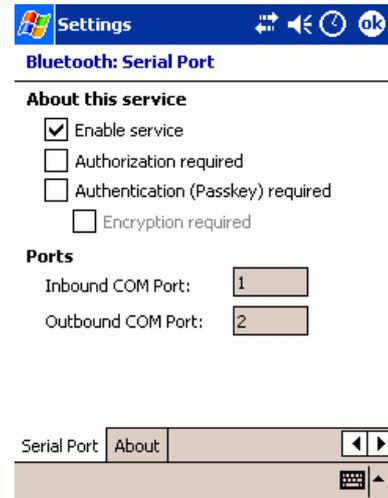
Select and click [Settings](#).



Click [System](#).  
Double click on [Bluetooth](#) icon.



Click on [Serial Port](#).  
Remember the [Outbound COM port](#).  
In this case, it is COM port 2.



**Step 2 : Add Paired Printer to Device List.**  
Click [Start](#).  
Select and click [Programs](#).



Double click on [Bluetooth Manager](#) icon.



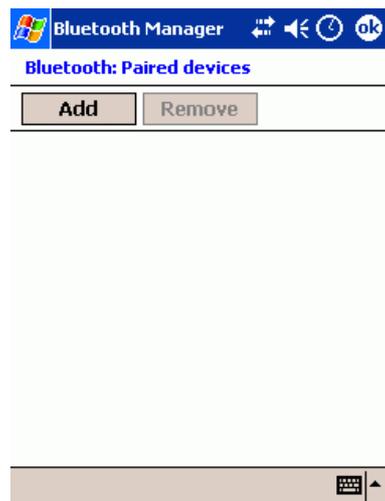
Bluetooth Manager screen pops out.



Tap Tools.  
Select Paired devices.



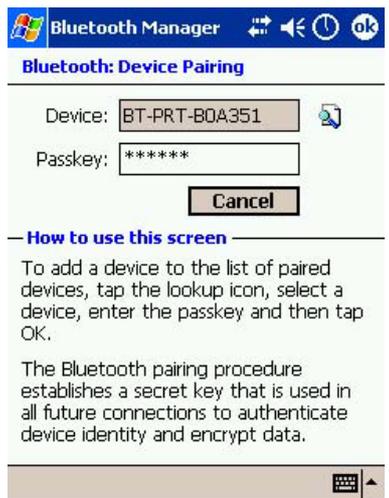
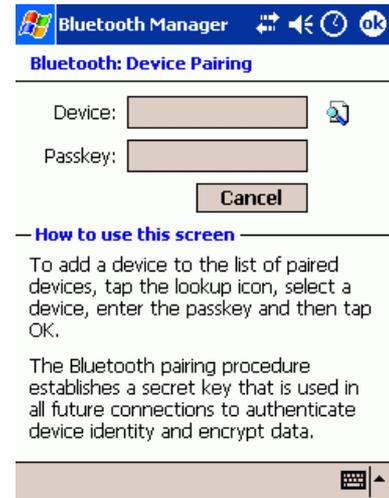
PDA will ask you to add a paired bluetooth device to its device list. In this example, we will add a printer to the list.



Tap the lookup icon.

PDA starts looking for Bluetooth devices nearby, a Bluetooth printer is found. Select it, and tap **OK**.

Device name is automatically added to the list. You can select a Passkey (PIN code:0000) for future authenticating connection.



Tap **OK**.

Pairing between PDA and Bluetooth printer is in progress.



Bluetooth printer is added to the paired devices list of PDA. Each PDA can have many paired devices in its devices list. For example, if there are three different Bluetooth printers in the list, you can select one among them for the printing. Tap **OK** to exit.



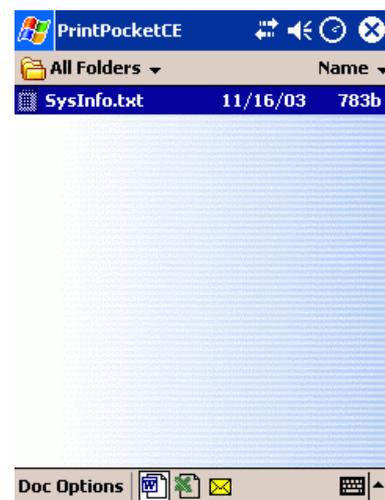
Step 3 : Print it Out.  
Click Start.  
Select and click Programs.



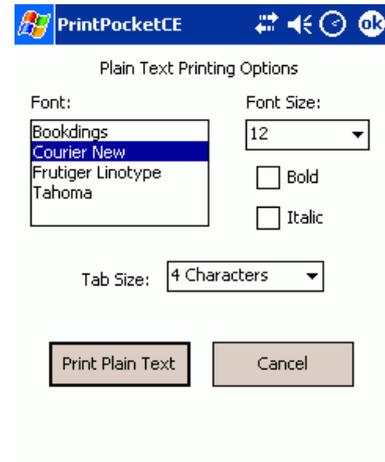
Double click on Print Pocket icon.



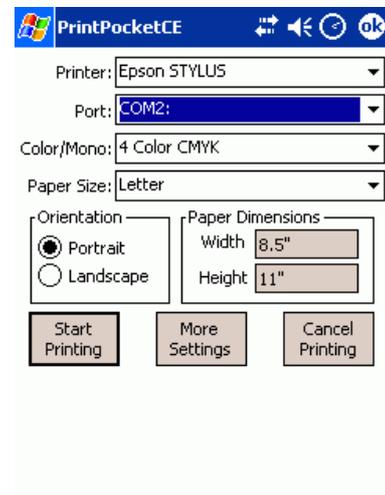
In this example, we are going to  
print file : SysInfo.txt.  
Tap on it.



Choose font style and font size.



Choose COM port, it is COM2 as we found on [Step 1](#).



PDA starts looking for available printer in its device list.



One BT printer was found. Select it, and tap **OK**.



Printing is in progress and SysInfo.txt file will be printed.

