

F. E. C. O.



FECO:	BC#13
PRODUCT:	Symbol MC7094 EDA
PRODUCT WEB SITE:	http://support.symbol.com/
RELEASE DATE:	21 st October 2008
ESTIMATED MAN HOURS:	1 (+ 24 to charge battery)
CLASS OF CHANGE:	INTRODUCTION
REASON FOR CHANGE:	New device
RELATED FECO/AB:	

Symbol MC7094 Configuration and Software Installation Instructions

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Prerequisites

- ✧ **BAR Scanner Software R2_2_1** or later (Symbol PPT Software CD from Paul White)
- ✧ **POD Software Version R1_2_1** or later (Proof-Of-Delivery Software CD from Paul White)
- ✧ **EDP MC70 Companion CD** (From Paul White) Containing: -
 - **Microsoft ActiveSync Version 4.2** or later (or downloaded from Microsoft)
 - **Java Crème plus V 4.12** CAB file (or downloaded from nsicom.com)
 - **iDockIt** CAB file (or downloaded from Invisionsoft or Symbol)
 - **iDockit** Registration files
 - **env.properties** file for BAR software
- ✧ **Java Crème Plus License file** (From Paul White)
- ✧ **Symbol MC7094 EDA, serial cradle and quick start guide**

This document refers to the installation on a Symbol MC7094 EDA running Windows Mobile 5. Refer to F.E.C.O. BC#11 for the PPT88** devices.

Configuration

1. Mobile Device Settings

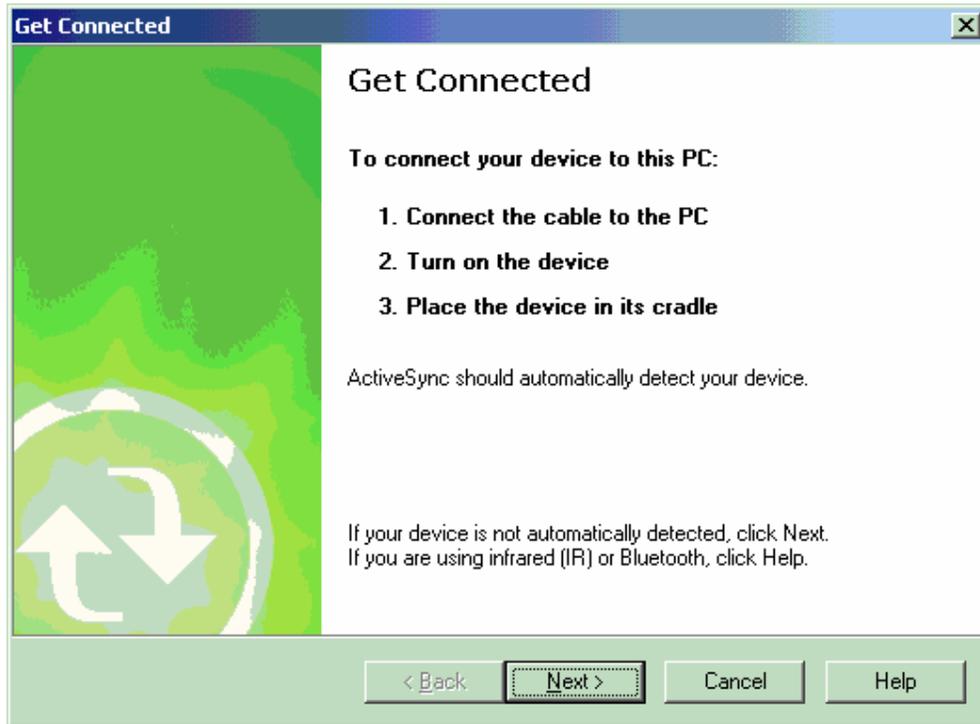
- Refer to the MC70 'Quick Start Guide' for details of how to fit and charge the battery (24 Hours)
- Power On the device
- Follow the instructions displayed to complete the screen alignment settings
- Go to
 - Start
 - Settings
 - Connections tab
 - Select **"Wireless Manager"**
 - Select the power button icon to the right of **"All"** to turn the functions off
 - Select **"Done"**
 - System tab
 - Select **"About"**
 - Device ID tab
 - Change the **"Device name"** and **"Description"** as required
 - Select **"OK"** to close the window
 - Select **"Backlight"**
 - Battery Power tab
 - Set the time to **"2 minutes"**
 - Check the box to **"Enable backlight when a button is pressed or the screen is tapped"**
 - External Power tab
 - Check the box to **"Enable backlight when a button is pressed or the screen is tapped"**
 - Select **"OK"** to close the window
 - Select **"Power"**
 - Advanced tab
 - Set the **"On battery power"** time to **"3 minutes"**
 - Leave **"On external power"** unchecked
 - Select **"OK"** to close the window
 - Select **"Regional Settings"**
 - Region tab
 - Set your locale to **"English (United Kingdom)"**
 - Select **"OK"** to close the window
 - Select **"OK"** to close the restart warning window
 - Select **"Clock & Alarms"**
 - Set Time Zone to **"GMT London,Dublin"**
 - Set the correct time
 - Set the correct date
 - Select **"OK"** to close the window
 - Select **"Yes"** to confirm the changes
 - Exit the Settings screens
 - Soft reset the device by pressing and holding the power button for 8 seconds

2. Install Microsoft ActiveSync and Connect to the Mobile Device

On the Host PC Insert the **MC70 Companion CD** into the CD drive. Browse to the **ActiveSync 4.2** directory on the CD and run **"Setup.exe"**

Select next to continue, agree to the terms of the licence agreement and enter the username and organisation in the customer info. Accept the default installation path of "C:\Program Files\Microsoft ActiveSync", select next and then install.

Once the installation has finished the **"Get Connected"** screen is displayed



Dock the device in the cradle as instructed.

Select next to continue and the software will scan the COM ports. The Scanner should 'Beep' when it is detected and the setup new partnership screen will be shown.

Take the default option to setup a new partnership, select to only synchronise with one computer and select to synchronise files.

You'll be advised that a folder will be created on your desktop computer, select "OK"

Select finish to close the wizard and the device will then be synchronised via ActiveSync.

3. Copy the Java Crème Plus and iDockIt CAB files to the device

Java Crème Plus (version 4.12) is an application run time required by the Symbol MC70 series scanner running Windows mobile 5 that will allow the EDP PPT Scanner Software to operate.

The Crème plus CAB file is downloaded from the NSICOM web site and MUST be installed on each device running the EDP software. The file need only be downloaded once and used for each scanner device (a copy of the software is on the **MC70 Companion CD**).

EDP has purchased a number of Licences from NSICOM to be used with the Java Software; these can be obtained from Paul White and should be available before the installation takes place

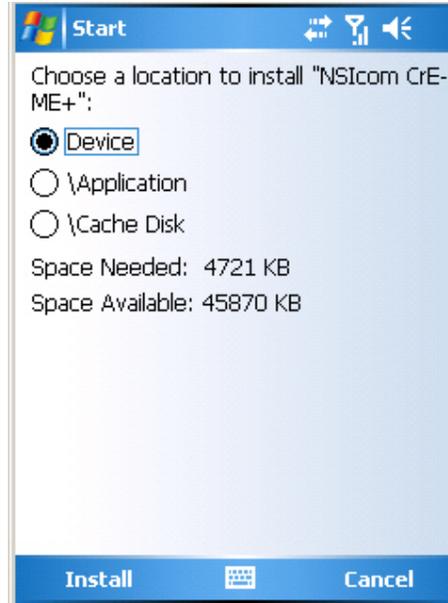
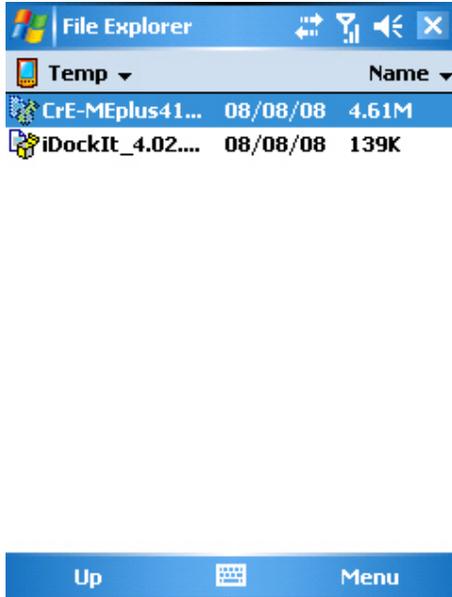
iDockIt™ manages the activities that can occur when you connect your mobile device to a PC using a cradle (Ethernet, modem, serial, USB) or USB or serial cable. iDockIt can enable the terminal to connect automatically to a PC, network, or the Internet and then exchange information or launch an application.

Copy the Java Crème Plus and iDockIt CAB files to the device: -

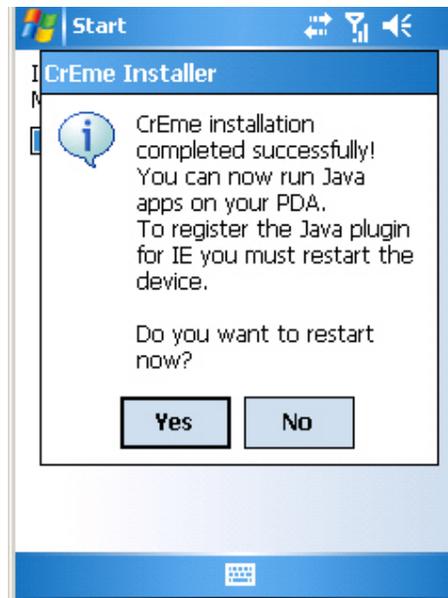
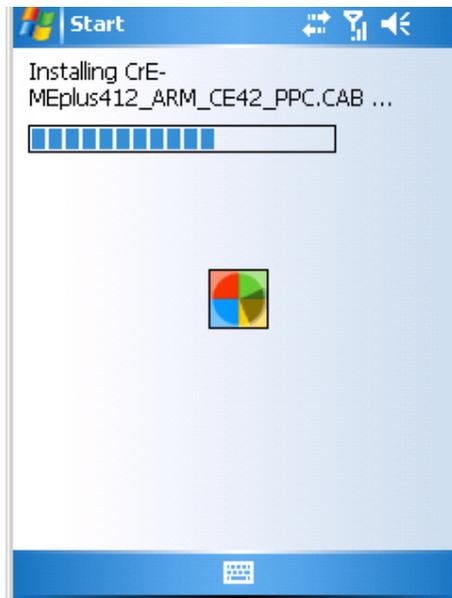
- Run **Explore** within Microsoft ActiveSync on the host PC
- Double click "**My Windows Mobile-Based Device**"
- Open the "**Temp**" directory
- On the Host PC Insert the **MC70 Companion CD** into the CD drive. Browse to the **Crème Plus** directory and copy the CAB file (right click + Copy) then paste it into the Temp directory within Microsoft ActiveSync Explorer (right click + Paste)
- A file conversion warning may appear - Select "**OK**" to continue copying the file
- Browse to the **iDockIt** directory on the **MC70 Companion CD**. Copy and paste the 2 CAB files (iDockIt_4.02.10.1_WM5.CAB & iRegItRAPI.WM5.CAB) into the Temp directory within Microsoft ActiveSync Explorer as above
- Exit the Microsoft ActiveSync and the CD-ROM Explorer windows

4. Install the Java Crème Plus application

- Remove the device from the cradle and go to
 - Start
 - Programs
 Select **“File Explorer”**
 - Browse to **“My Device”, “Temp”**
 - Select the **“CrE-MEplus...CAB”** file to run the installation



- At the **“Choose a location prompt”** leave **“Device”** selected and Select **“Install”**



- At the restart prompt select **“Yes”**

5. License Crème Plus

A Crème Plus licence file is required for each Mobile Device and can be obtained from Paul White (EDP)

Copy the Java Crème Plus License.dll to the device: -

- Run **Explore** within Microsoft ActiveSync on the host PC

- Double click **"My Windows Mobile-Based Device"**
- Open the **"Windows"** directory
- Copy the DLL file (right click + Copy) then paste it into the Windows directory within Microsoft ActiveSync Explorer (right click + Paste)
- A file conversion warning may appear - Select **"OK"** to continue copying the file

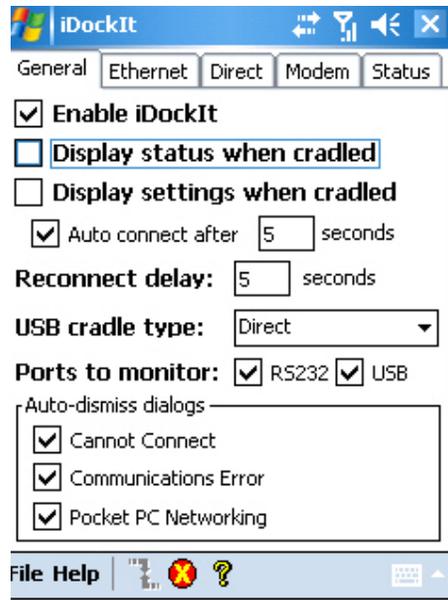
Exit the Microsoft ActiveSync Explorer window

6. Install the iDockIt application and registration file: -

- On the device go to
 - Start
 - Programs
 Select **"File Explorer"**
 - Browse to **"My Device"**, **"Temp"**
 - Select the **"iDockIt_4.02.10.1_WM5.CAB"** file to run the installation
 - At the **"Choose a location prompt"** leave **"Device"** selected and Select **"Install"**
 - Select **"OK"** to close the **"successfully installed"** window
 - Select the **"iRegItRAPI.WM5.CAB"** file to run the installation
 - At the **"Choose a location prompt"** leave **"Device"** selected and Select **"Install"**
 - Select **"OK"** to close the **"successfully installed"** window
- Exit File Explorer and Programs

Configure iDockIt so that the display is not opened each time the device is cradled: -

- On the device go to
 - Start
 - Programs
 Select **"iDockIt"**
 General tab

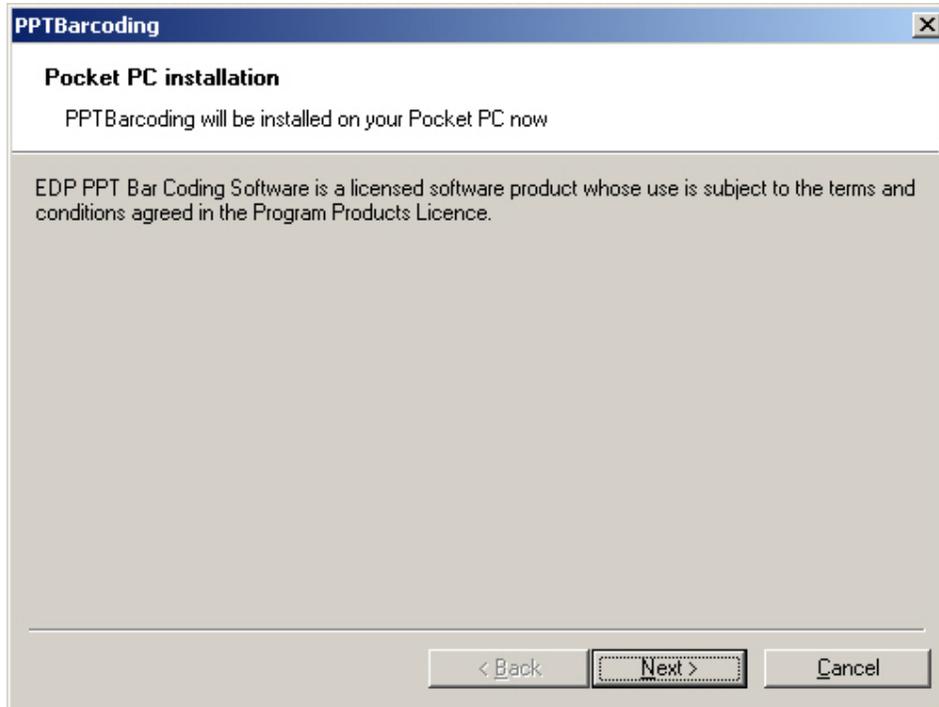


- Uncheck **"Display status when cradled"**
- Exit iDockIt and Programs

7. Load the EDP PPT Bar Coding Software

- Ensure the EDP PPT Bar coding application "PPT Barcoding" has been removed from the host PC (Add/Remove Programs)
- Dock the device in its cradle

- On the Host PC insert the **Symbol PPT Software** CD into the CD drive. Browse to the MC70 directory and run "**Setup.exe**"

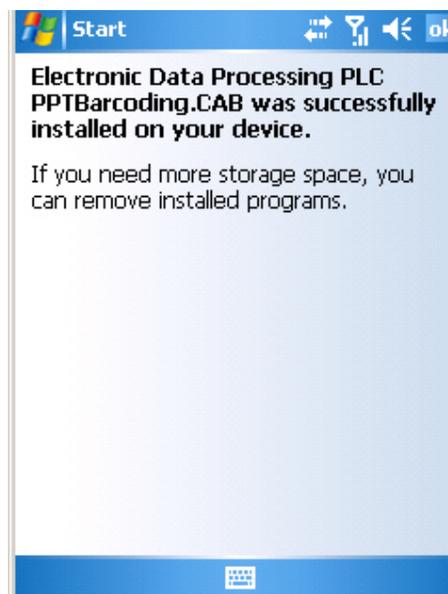
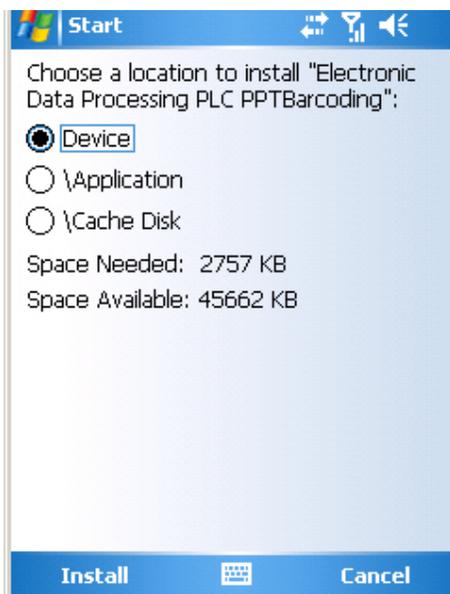


- Select "**Next**" to continue
- Check the button to accept the terms in the license agreement and select "**Finish**"



- Select "**OK**" at the "**Application Downloading Complete**" window

The installation will then continue on the device

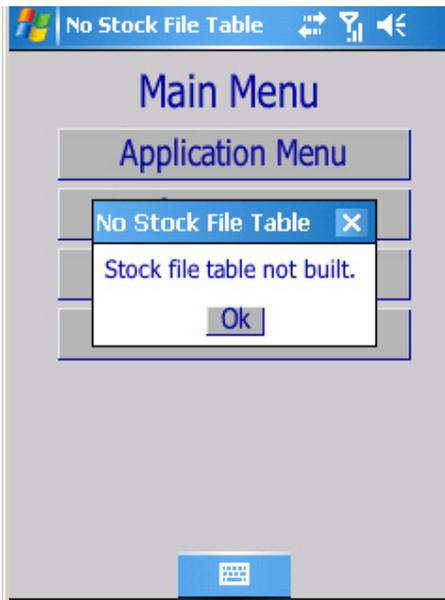


- At the “**Choose a location prompt**” leave “**Device**” selected and Select “**Install**”
- Select “**OK**” to close the “**successfully installed**” window
- Remove the device from the cradle
- Soft reset the device by pressing and holding the power button for 8 seconds

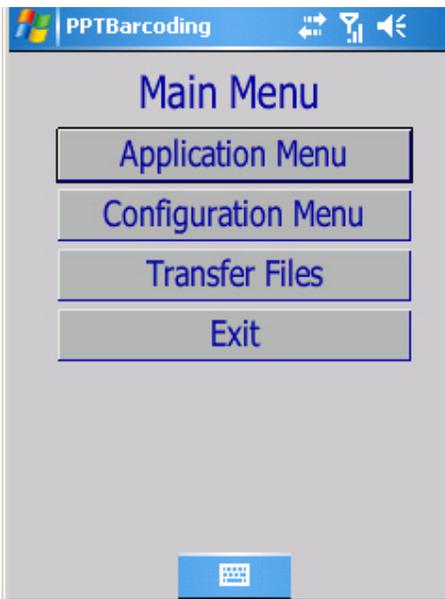
8. Create Default Bar Coding Files & Folders

Run PPT Barcoding on the Mobile Device to create the default bar coding properties file and bar coding directory structure: -

- On the device go to
 - Start
 - Programs
 Select “**PPT Barcoding**”



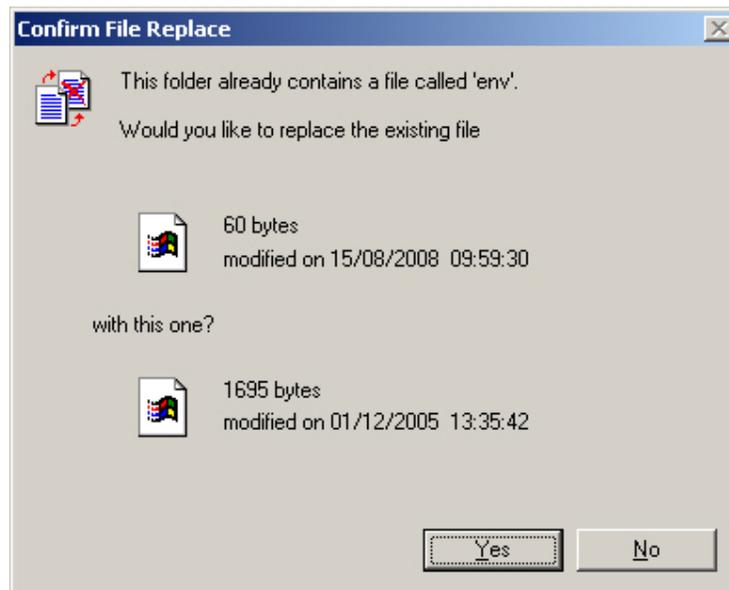
- Select “**Ok**” to close the “**No Stock file Table**” warning
- Select “**Application Menu**”



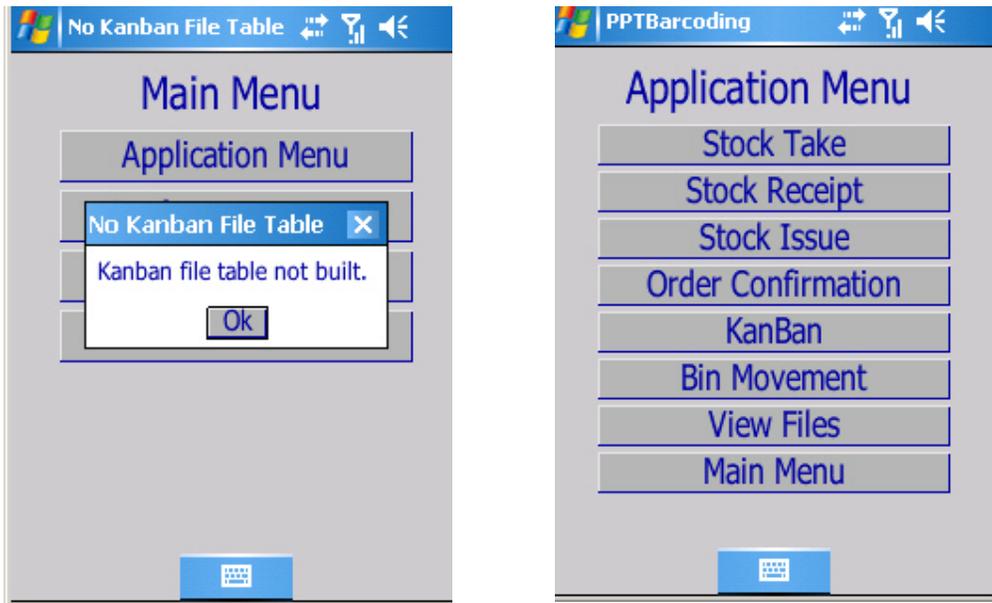
- Return to the “**Main Menu**” and “**Exit**”
- Select “**Yes**” to confirm

9. Load the Full Bar Coding Properties file to the Mobile Device

- Dock the device in its cradle
- On the Host PC Insert the **MC70 Companion CD** into the CD drive. Copy the properties file “**env.properties**” (right click + Copy)
- Run Explore within Microsoft ActiveSync
- Double click “**My Windows Mobile-Based Device**”
- Double click “**Program Files**”
- Double click “**QuantumVS**”
- Double click “**PPTBarcoding**”
- Double click “**.barcodedata**”
- Double click “**pJSCP**”
- Double click “**barcodedata**”
- Paste the new **env.properties** file to the barcodedata directory within Microsoft ActiveSync Explorer (right click + Paste)
- A file conversion warning may appear - Select “**OK**” to continue copying the file
- The properties file “**env.properties**” will already exist on the Mobile Device. Overwrite this with the new file



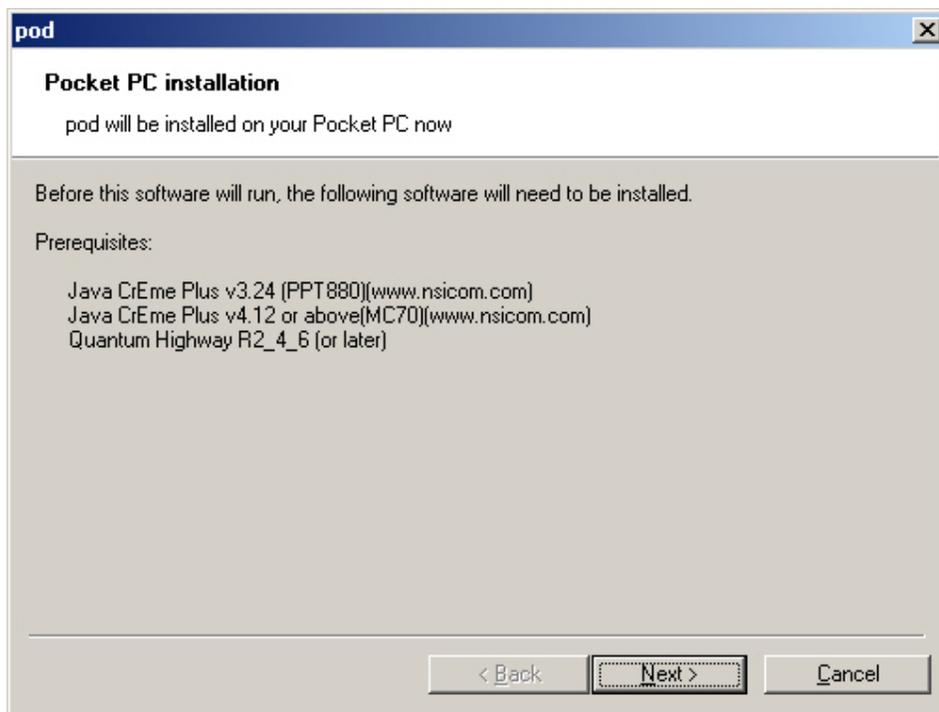
- Select “**Yes**” to confirm the file replacement
- Close the ActiveSync Explorer window
- Re-run the PPT Bar Coding Application to check the full “**Application Menu**” is displayed



- Return to the “**Main Menu**” and exit

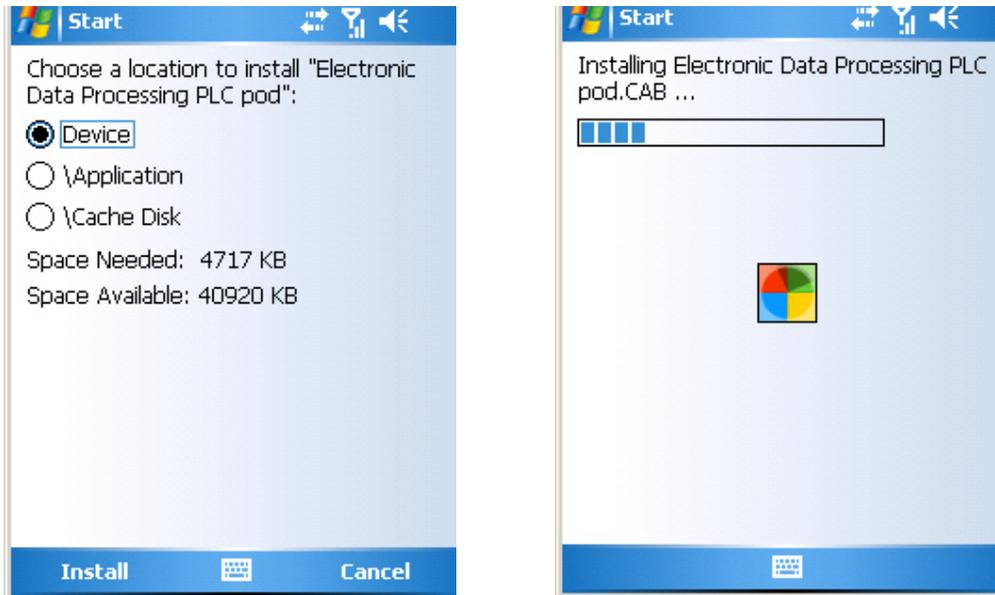
10. Load the EDP PPT Proof Of Delivery Software

- Ensure the EDP POD Bar Coding application “**pod**” has been removed from the host PC (Add/Remove Programs).
- Dock the device in its cradle
- Insert the **Proof-Of-Delivery Software** CD into the CDROM and go to the CDROM Directory on the Host PC, browse to the MC70 directory and run “**Setup.exe**”



- Select “**Next**” to continue
- Check the button to accept the terms in the license agreement and select “**Finish**”
- Select “**OK**” at the “**Application Downloading Complete**” window

The installation will then continue on the device



- At the “**Choose a location prompt**” leave “**Device**” selected and Select “**Install**”
- Select “**OK**” to close the “**successfully installed**” window

11. Create Default POD Files & Folders

Run POD on the Mobile Device to create the default proof of delivery properties file and POD directory structure.

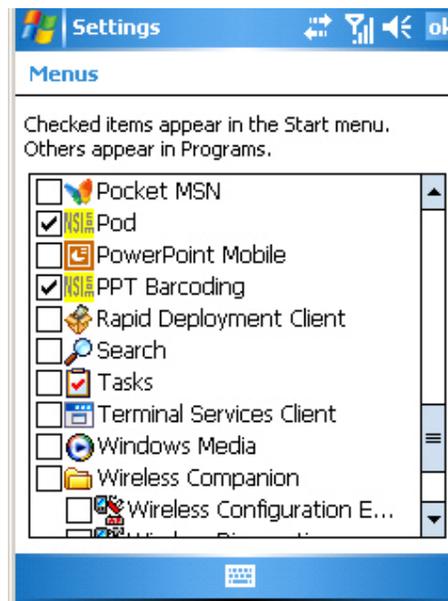
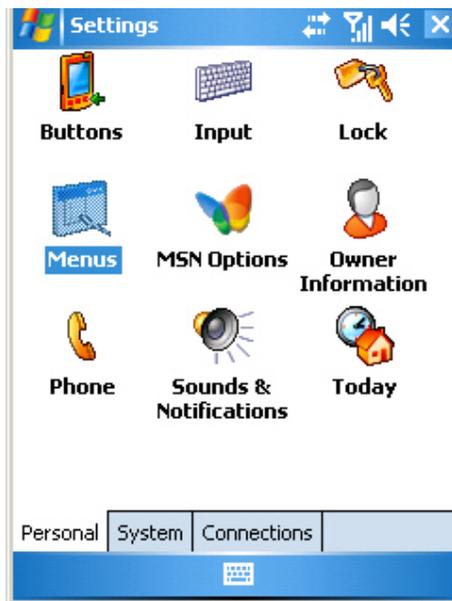
- Remove the device from the cradle and go to
 - Start
 - Programs
 Select “**Pod**”



- Select “**Exit**” at the Main Menu
- Exit Programs

12. Add POD and PPT Barcoding shortcuts to the start menu

- On the device go to
 - Start
 - Settings
 Select **“Menu”**



- Uncheck **“Calendar”** and **“Windows Media”**
- Check **“Pod”** and **“PPT Barcoding”**
- Select **“OK”** to exit and close the Settings window

13. Soft Reboot the Mobile Device

Reboot the scanner to check the persistence of the applications

- Press and hold the power button for 8 seconds
- Run the POD and PPT Barcoding applications from the start menu

14. Testing a network connection

Once the MC70 is configured test that the device can access the local LAN / Internet while connected via the cradle (if the PC has internet capability). This is important as the POD and Barcode software uploads information from the device, through the PC to the Charisma server via a web page / network connection.

- Dock the device in the cradle and wait until ActiveSync has synchronised
- On the device go to
 - Start
 - Internet Explorer
 - Input a web page in the browser, such as www.bbc.co.uk and select the green **“Go to”** arrow

15. Register iDockit with InVision

To register iDockit, install and run InVision’s desktop application. This takes information from the device that is then emailed to InVision and a code is returned. The desktop application is then used to enter this code to register iDockit.

On the Host PC Insert the **MC70 Companion CD** into the CD drive. Browse to the **iDockit** directory on the CD and run **“iRegItInstall.msi”**

At the **“Welcome to the InVision Product Registration Setup Wizard”** screen, select next to continue agreeing to the terms of the licence agreement.

Leave the default path at **“Select Installation Folder”** and select next, then next at **“Confirm Installation”**

At “**Installation Complete**” select close

- Dock the device in the cradle and wait until ActiveSync has synchronised
- On the Host PC browse to Start, All Programs, InVision Software, Product Registration

Enter your email address and select “**Send Request**”. Follow the instructions to send an email to onlinesales@invisionsoft.com

On receipt of a registration code from InVision (Note that there is a 4 or 5 hour time difference with the west coast of America), re-run InVision Product Registration on the Host PC, enter the code in the bottom Registration Code field and select Register

Exit InVision Product Registration

16. Backing up

ActiveSync no longer has a backup facility. A 3rd party application would have to be purchased to perform a full backup of the device

17. Edit the POD Properties file

Once the software has been installed contact Professional Services at EDP/BML to configure the barcode scanning software

If POD is to be configured the **EDP/ BML implementor** will edit the pod.properties file to set the required IP address of the Quantum VS XML Highway server.

Example:

default.infoserviceproviderurl=http://129.1.1.69