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

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)
 - o iDocklt CAB file (or downloaded from Invisionsoft or Symbol)
 - o 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
 - o 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
- o 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

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Dock the device in the cradle as instructed.

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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 iDocklt 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 iDocklt 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 iDocklt directory on the MC70 Companion CD. Copy and paste the 2 CAB files (iDocklt_4.02.10.1_WM5.CAB & iRegltRAPI.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
 - o Start
 - o 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"

🏄 Start	-#* ¥ - €	👭 Start	🗱 🏠 🕂
Installing CrE- MEplus412_ARM_CE42_F	PPC.CAB	I CrEme I	Installer CrEme installation completed successfully! You can now run Java apps on your PDA. To register the Java plugin for IE you must restart the device. Do you want to restart now? Yes No

• 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 iDocklt application and registration file: -
 - On the device go to
 - Start
 - o 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 iDocklt so that the display is not opened each time the device is cradled: -

- On the device go to
 - o Start ັ
 - o Programs
 - Select "iDocklt General tab

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General	Ethernet	Direct	Modem	Statu	IS
🗸 Enal	ole iDock	It			
🗌 Disp	ilay statu	is whei	n <mark>cradle</mark>	d	
🗌 Disp	lay setti	ngs wh	ien crad	led	
🖌 Aut	o connect a	after 5	seco	nds	
Reconn	ect delay	/: 5	second	İs	
USB cra	dle type	Dire	ct		•
Ports to	o monito	r: 🔽 A	RS232 🔽	USB	
۲ ^{Auto-dis}	miss dialog:	s ———			÷1
🔽 Car	nnot Conne	ct			
Communications Error					
Pocket PC Networking					
File Help 📲 🚷 🦓 🔤 🛌					

- Uncheck "Display status when cradled"
- Exit iDocklt 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"

PTBarcoding	<
Pocket PC installation	
PPTBarcoding will be installed on your Pocket PC now	
EDP PPT Bar Coding Software is a licensed software product whose use is subject to the terms and conditions agreed in the Program Products Licence.	
< <u>Back</u>	

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

Application Downloading Complete	×
Please check your mobile device screen to see if additional steps are necessary to complete this installatio	n.
(ОК	

• 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

Confirm	File Replac	ze 🔰	×
	This folder already contains a file called 'env'.		
<u> </u>	Would you	like to replace the existing file	
		60 bytes modified on 15/08/2008 09:59:30	
W	ith this one?		
		1695 bytes modified on 01/12/2005 13:35:42	
		(<u>Y</u> es <u>N</u> o	

- 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

🏄 No Kanban File Table 🛛 👬 🐴	🎢 PPTBarcoding 🛛 👫 🎢 🕂
Main Menu	Application Menu
Application Menu	Stock Take
	Stock Receipt
No Kanban File Table 🗙	Stock Issue
Kanban file table not built.	Order Confirmation
Ok	KanBan
	Bin Movement
	View Files
	Main Menu

• 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"

pod	×
Pocket PC installation pod will be installed on your Pocket PC now	
Before this software will run, the following software will need to be installed.	
Frerequisites: Java CrEme Plus v3.24 (PPT880)(www.nsicom.com) Java CrEme Plus v4.12 or above(MC70)(www.nsicom.com) Quantum Highway R2_4_6 (or later)	
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- 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

f Start	- # 🎢 🕂	🎢 Start	at ¥ ¥ €
Choose a location to ins Data Processing PLC po Device \Application \Cache Disk Space Needed: 4717 k Space Available: 40920	KB	Installing Electron pod.CAB	ic Data Processing PLC
Install 🚟	Cancel		

- 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
 - o Start
 - Programs
 Select "Pod"

ter Pro	oof Of Delivery	- # Y	⊀ €
	Main M	enu	
	Deliveri	ies	
	Configura	ation	
	Abou	t	
	Exit		

- Select "Exit" at the Main Menu
- Exit Programs

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

- On the device go to
 - o Start
 - o Settings
 - Select "Menus"



- 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
 - o Internet Explorer
 - Input a web page in the browser, such as <u>www.bbc.co.uk</u> 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 "**iRegltInstall.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

Invision Product Reg	istration	
Return E-Mail Address:		
Desktop Information		
System ID: 325331L1	V.	Help
Products Installed:		Cond Request
Product	Status	Jenu Request
Dockit		Import Clipboard
		App Manager
Registration Code:	F	Register Export Keys
- Mobile Device Information	3447ED 7148000050BE7460E2	Refresh
Products Installed:	Nevice Status: Connected	
Product	Status Expired	Device Info
Bagistration Code:		Benister
Registration Lode:		Exit

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 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