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### ***Please Read Before Using Your RW420 Print Station (MC55/MC65)***

#### **Serial Port Driver Requirements (RW4-PS WITH MC55/MC65 ONLY)**

The RW420-Print Station (MC55/MC65) uses a USB to RS232 Serial converter to facilitate communications between the MC55 / MC65 handhelds and the printer / DEX ports. This communication method may require the installation of a serial driver on the MC55 / MC65 handheld before usage. The serial driver allows the MC55 / MC65 handheld application to communicate with the printer or DEX port.

#### **Handheld Driver Requirements**

The following chart summarizes driver requirements for MC55 and MC65 handheld devices.

<b>Handheld</b>	<b>OEM Version</b>	<b>Driver Required</b>	<b>Print/DEX COM Port</b>
MC55	Any	Yes	COM1
MC65	02.30.0001 or later	No (driver already installed)	COM2
MC65	Prior to 02.30.0001	Yes (same driver as MC55)	COM2

#### **Please note the following:**

- To find the handheld's OEM version from Window's Mobile Start icon: Select Settings>System>System Info>OEM Version.
- Use the above chart to determine if the serial driver needs to be installed on your handheld.
- To obtain the driver, check with your Motorola representative and refer to the "MC55 DEX Cable Software v88.01.01-SPR 21138, 55XXW6XLenCB880101.CAB" (or later version if available). Follow Motorola installation instructions to install the driver on your handheld.

#### **Application Design Notes:**

- The Serial driver makes available one communication port on the MC55 / MC65. This port is used to communicate with the printer or DEX port. Therefore, to communicate with the printer or through the DEX port, reference the COMn port from above chart, where n is the COM number. Other Serial port settings (baud rate and handshake) will need to be set according to the target device (printer or DEX) configuration.

- If the MC55 / MC65 does not have the driver installed, handheld will prompt “Unidentified USB Device” when MC55 / MC65 handhelds are docked into RW4-PS. Please follow above chart and instructions to install the serial driver.
- The COM port made available by MC55 / MC65 for printing to the RW4-PS is a Virtual COM port. This Virtual COM port exists only when the MC55 or MC65 is docked in the RW4-PS and when the handheld and printer are both ON. Attempting to access a non-existing Virtual COM port will result in Operating System Exception error. Therefore, handheld applications should be designed to detect and handle this error.



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