

- if the USB-CF Card is improperly seated in the PocketPC<sup>®</sup>. Remove the USB-CF card and reinsert it into the PocketPC's compact flash card slot and wait a few seconds before starting to download the firmware.

### 3. Read error:

- The following error occurs:
- if the UBA does not communicate with the PocketPC<sup>®</sup>, and/or it is likely that the firmware on the UBA is corrupt. A force download of the firmware into the UBA is necessary in this case.
  - **To force a download:**
    - Turn OFF the UBA power, change DIP Switches 6, 7, 8 to ON and turn the UBA power back ON. Then try downloading the firmware. Once the firmware is downloaded, change all the DIP Switches to OFF and cycle the power of the UBA from OFF to ON again.
    - If the problem continues, disconnect and reconnect the USB cable and/or cycle the UBA power OFF and ON again.
    - If the problem still persists, as a last resort remove the USB-CF Card and reinsert it into the compact flash card slot. Then, wait a few seconds, and restart downloading the firmware.

### 4. For any other error:

- Reconnect the USB cable and/or cycle the UBA power OFF and ON.
- Retry downloading the firmware again.
- If the problem still persists, remove the USB-CF card and reinsert it into compact flash card slot.

### 5. Game resets continuously:

- Take the UBA out of the machine, use a separate power supply to activate it and then download the firmware into it.

### 6. PocketPC<sup>®</sup> screen is dark when running on battery:

- Go to Start->Settings->System->Brightness and under the "On battery power" option move the sliding bar to the right to increase the PocketPC's brightness. This Download Procedure is now complete.

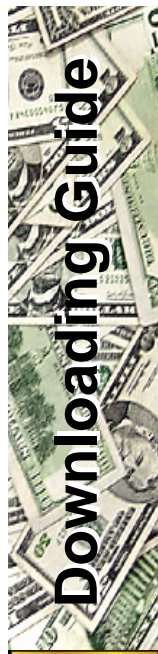
JCM is a registered trademark of JCM American Corporation. All other product names mentioned herein may be registered trademarks or trademarks of their respective companies. Furthermore, TM, ® and © are not always mentioned in each case throughout this publication.



925 Pilot Road, Las Vegas, Nevada 89119

Office & Technical Support: (800) 683-7248 (option 5 after hours), FAX: (702) 651-0214

E-mail: techsupport@jcm-american.com <http://www.jcm-american.com>



# UBA Pocket PC Downloading Kit

Rev 1.0

## DOWNLOAD KIT CONTENTS

### 1- POCKET PC

Manufacturer: DELL

Model: Axim X50

Processor: Intel PXA270 (ARM)

Operating System: Windows mobile 2003 2nd edition

Software: Microsoft<sup>®</sup> ActiveSync<sup>®</sup> Version 3.7.1

### 1- USB COMPACT FLASH CARD

Manufacturer: Ratoc Systems

Model: CFU1U

### 1- UBA SOFTWARE DOWNLOAD APPLICATION

Vendor: JCM American Corporation

Application Version: 1.0 or greater

(on CD or at the JCM Website)



Or

Located at:  
[http://www.jcm-american.com/products/software/apps.asp/UBA\\_Installer.zip](http://www.jcm-american.com/products/software/apps.asp/UBA_Installer.zip)

## INSTALLATION PREPARATION

### INSTALLING ACTIVESYNC<sup>®</sup>

*NOTE: If ActiveSync<sup>®</sup> is already installed on your computer, skip ahead to the Choosing a Partnership Section.*

1. Insert the Microsoft<sup>®</sup> ActiveSync<sup>®</sup> 3.7.1 application CD and Click Start Here on the [Getting Started with Your Pocket PC](#) ActiveSync<sup>®</sup> Screen that appears (See Figure 1).

2. Click on [Install ActiveSync](#) in the left column of the [Start Here](#) Screen that appears (See Figure 2).

3. The [Start Here](#) Screen will advance to its next page (See Figure 3): Click on the [Install](#) Screen Button to begin the ActiveSync<sup>®</sup> Application Installation process. During the installation process a Web Page Dialog Box will appear on top of the screen (See Figure 4).

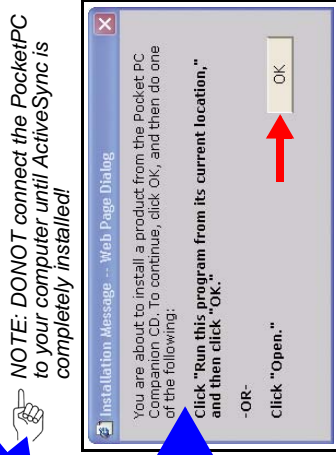
4. Click [Run](#) twice while advancing through the Security Warning Screens pictured in Figure 5 and Figure 6 and a second Setup Status Bar will run from 0% to 100%; then the Installer Screen pictured in Figure 7 will appear.



Figure 1 Getting Started Screen



Figure 2 Start Here Screen 1



**NOTE: DONOT connect the PocketPC to your computer until ActiveSync is completely installed!**

Figure 3 Start Here Screen 2

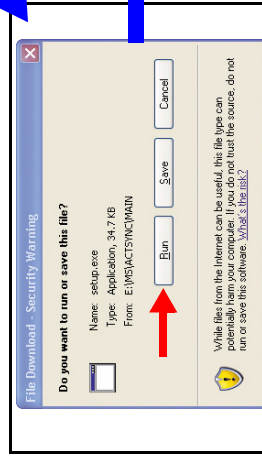


Figure 4 Web Page Message Dialog

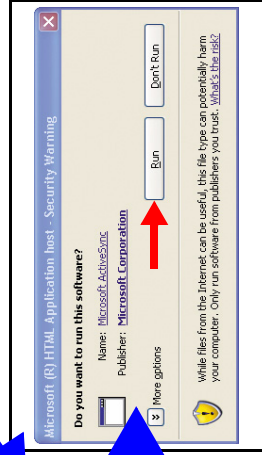


Figure 5 Security Warning Screen 1

Figure 6 Security Warning Screen 2

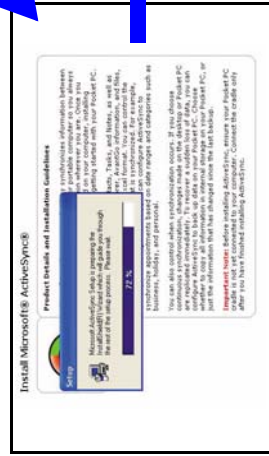


Figure 7 Installer Status Bar Dialog



Figure 8 ActiveSync Installer Screen

5. The progress bar below the "Download" Screen Button shows the downloading progress rate of the firmware being installed (See Figure 18 a), and the text area below it shows the communication status occurring during the firmware download (See Figure 18 b).

6. When the download is complete, an Information dialog box will appear on top of the Pocket PC final download screen (See Figure 18 c).

To install the same firmware into another UBA, just reconnect the USB cable into the USB slot at the front on the next UBA, (*wait for about 3 seconds to let the PocketPC® load the USB drivers*) and click the download button again to begin another download.

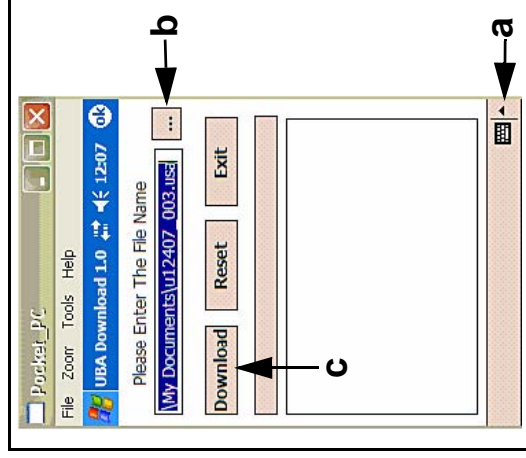


Figure 17 Pocket PC Start UBA Download Screen

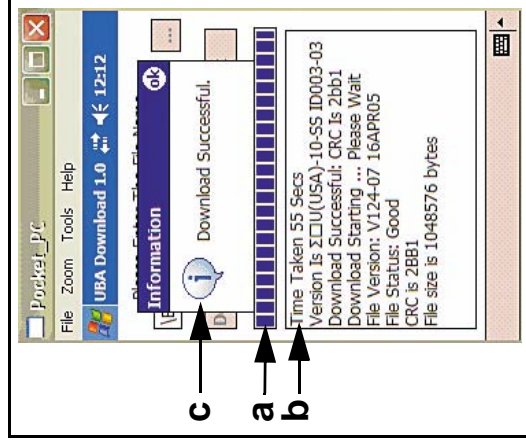


Figure 18 Pocket PC UBA Download Complete Screen

### TROUBLE SHOOTING THE FIRMWARE DOWNLOADS

**1. Write error:**

- The following error occurs:
  - if the USB cables are not connected properly.
  - if the USB-CF Card is improperly seated in the PocketPC®. Remove the USB-CF card and reinsert it into the PocketPC's compact flash card slot.





**2. Failed to open port:**

- The following error occurs:
  - if the USB cables are not connected properly.
  - if the USB drivers are not completely loaded. The drivers usually take about 2-3 seconds to load after the UBA is connected. Try downloading after a 2-3 second wait.

## UBA TOOL APPLICATION ACTIVATION




### MOVING FILES TO THE POCKETPC


The following steps provide the instructions necessary to activate the application:

1. Make sure the PocketPC® is connected to the PC and that it is turned ON.
2. Open the Mobile Device folder by clicking on the “My Computer” Screen Button  Icon on your Computer’s desktop, and double click on the Mobile Device folder into which you want the installed files copied.  copied.
3. Open the UBA Downloader CD shipped with the UBA Downloader Kit or download the UBA\_Installer.zip file from “<http://www.jcm-american.com/products/software/apps.asp>”; decompress the files and place them into a folder named “UBAInstaller” on your desktop. 
4. Copy the “UBAInstaller” folder into the Mobile Device folder just created within the “My Computer” desktop. The .cab files inside the “UBAInstaller” folder are labeled “UBAInstaller.PPC2003\_ARMV4”, “HCD-CAB.ARMV4” and “usbmsc.PPC2003\_ARMV4”.
5. In the PocketPC’s Start Menu File → Programs → File Explorer → UBAInstaller Folder, double click on the first .cab file to begin installing the first set of UBA files. Then do the same for the second and third .cab files.
6. Download and transfer the UBA firmware specific to your UBA into the “Mobile Device\UBA Installer” folder on your computer (i.e.,  UBA ID 024 1.24-07 ).

Your PocketPC® UBA Installer Application is now ready to use.

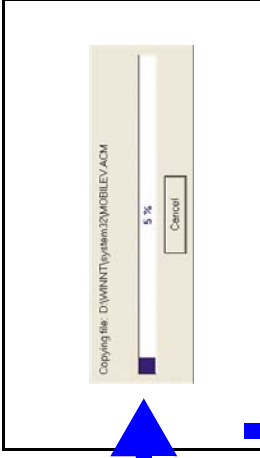
### RUNNING THE UBA SOFTWARE DOWNLOAD APPLICATION

1. Connect a USB Compact Flash card into the CF Slot on the PocketPC as explained on page 30 of the PocketPC® owner’s manual.
2. Connect one end of the USB dongle cable provided to the USB-CF card and connect the other end to the slot on the front of the UBA using a standard USB extension cable.
3. Click on the “UBADwnApp” application located in the “Start Menu/File Explorer/My Documents”, Folder of the PocketPC® and enter the path and name of the UBA firmware file located in the UBAInstaller Folder. The keyboard can be activated and hidden again by clicking on the small icon  located in the bottom right corner of the PocketPC® screen (See Figure 17 a). You can also use the File Explorer Screen Button  to select the file being installed (See Figure 17 b).
4. Click on the  Screen Button to begin downloading the firmware into the UBA (See Figure 17 c).

5. Click  on the Figure 8 Screen to begin the installation and select the installation folder pictured in Figure 10. The Status Bar shown in Figure 9 will run from 0% to 100% completing the ActiveSync® installation, and the Figure 11 Screen will then appear. **DO NOT Click “NEXT” on the Figure 11 Screen,** just continue on to the Choosing a Partnership section.



**Figure 9** Select Install Folder



**Figure 10** Install Status Bar Screen







6. ActiveSync® is now installed on your computer.



**Figure 11** Getting Connected Screen

## CHOOSING A PARTNERSHIP

To synchronize data transfer between your computer and the Pocket PC® perform the following steps.

1. Externally power the Cradle Port, and connect the PocketPC® to the PC via the Cradle Port using the USB Sync Cable. Figure 11 will then disappear and advance to the Figure 12 screen if you just installed ActiveSync®.
2. Select  Standard partnership in the Figure 12 window that appears when the PocketPC® is connected for the first time, and Click  to continue.
3. Select  Synchronize with this desktop computer and click  again on that screen (See Figure 13).
4. Select the  No, I want to synchronize with two computers option on the next screen that appears (See Figure 14) and click  again on this screen.



**NOTE:** Depending on the PC Operating System being used, this step may be optional and not occur. In this case just skip directly to Step 5.

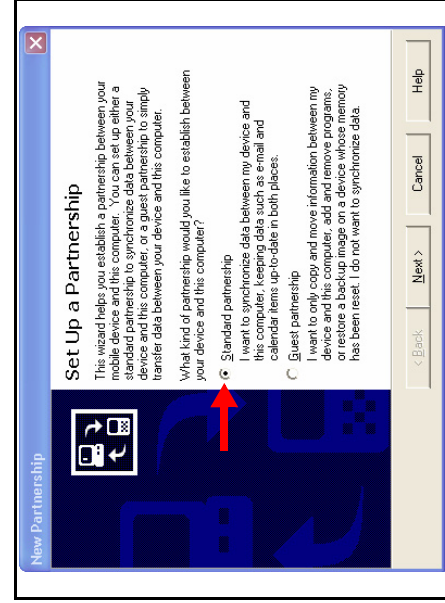


Figure 12 Set-up Partnership Screen

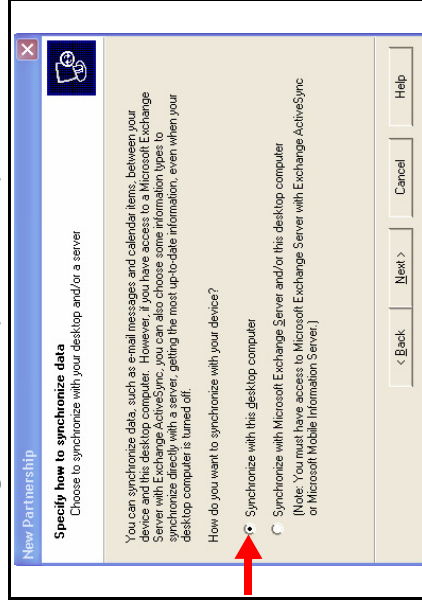


Figure 13 Specify Data Synchronization Screen

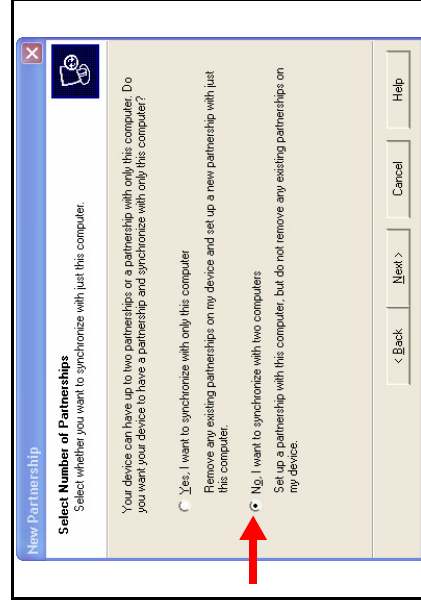


Figure 14 Select Partner Count Screen

5. On the next screen that appears, do not synchronize any kind of information; instead deselect all the options present and click **Next >** one last time (See Figure 15).

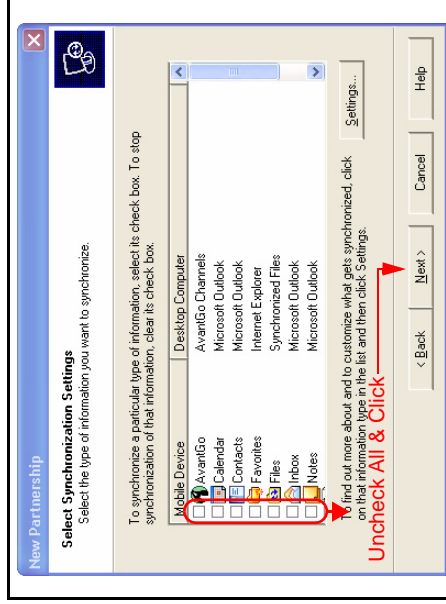


Figure 15 Select Sync Settings Screen

6. Click **Finish** on the final Setup Complete screen pictured in Figure 16 to complete the partnership selection.

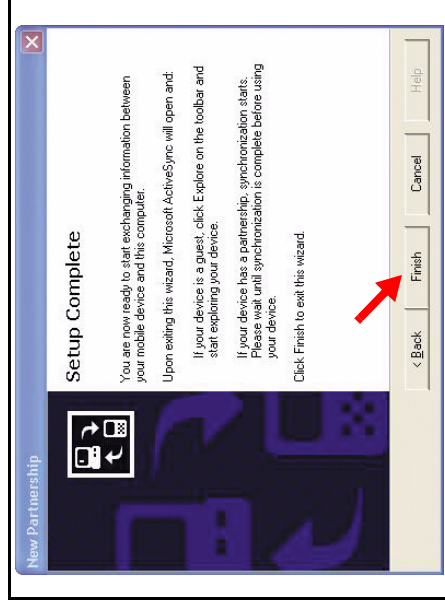


Figure 16 Setup Complete Screen

Partnership selection is now complete.

# GUIDE PRINTING NOTICE

## GUIDE LAYOUT

*This Guide is designed as a double sided, Saddle-stitched, Landscape page formatted for printing on a monochrome or color printer.*

To print, set your printer as follows:

1. Select PAGE SIZE = LETTER
2. Select COLOR or Black & White (Monochrome).
3. Select LANDSCAPE mode.
4. Select DUPLEX (Double Sided) printing.
5. Select LONG EDGE (Top-Top) formatting.
6. Select number of copies.
7. Select Print Pages from 1 to X, where X = max pages minus 1 (i.e., delete this page).
8. Print.

**NOTE:** This Guide may also exist as a single 5.5" x 8.5" PDF page laid out to print on a standard 8.5" x 11" Portrait page for the users convenience. Check for a "Web" file name extension at the beginning of the products file name.

JCM Publications