



Application Note

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Product: ArcPad 7.1

Subject: Installation of ArcPad and GPS Differential on a Mobile Mapper CX

Upgrading from Arc Pad 7.01 to 7.1

- Remove ArcPad 7.01 by formatting the MM CX. The instructions for doing this can be found at: <ftp://ftp.magellangps.com>. Look for the document titled "Format MyDevice.pdf" in Mobile Mapping/MM CX/Application Notes.

(Note: Before doing this, you may want to copy any coordinate and feature files to an SD card for safekeeping. They can be copied back to the receiver after the new version of ArcPad is installed.)

- Install ArcPad version 7.1 to your computer from the enclosed CD.

(You also have the option to download ArcPad version 7.1 from <http://www.esri.com/software/arcgis/arcpad/download.html> and then double-click the "ArcPadSetup_710_B161.exe" file that you downloaded).

- ArcPad Deployment Manager will open after installation completes. On the ArcPad Deployment Manager screen, select checkboxes for the following installations:
 - Install ArcPad for Windows Mobile
 - Install Datum Transform/s for Windows Mobile
 - Install HARN tables to Windows Mobile
 - Install NADCON tables to Windows Mobile
 - Install SQLcd for Windows CE 5.0
- Click **Deploy**
- For "Install to the Default Path", click **No**.
- Select **My Device** from the dropdown menu.
- The appropriate file will be copied.
- The next screen asks to you complete any actions on the MM CX screen. Click OK on the PC, and click **OK** on the MM CX to save the file.
- Repeat this sequence until all files are copied to the MM CX.

Make a shortcut on the Desktop

- Double-Click My Computer on the Desktop
- Double-click ESRI ArcPad 7.1
- Press and hold the stylus until a small circle of black dots surround the stylus point (Windows Mobile equivalent of a right mouse click).
- Lift the stylus to display a menu. Select Copy. Click the "X" at the top right of the screen to close this window and return to the Desktop.
- Press and hold the stylus on the screen to display the menu. Select Paste.

Configure ArcPad to receive GPS position data

The first time you run ArcPad, you will be prompted for the ArcPad activation code provided by your dealer.

- Start a new ArcPad job
- Click the black down arrow to the right of the GPS icon.
- Select GPS Preferences from the dropdown menu.
- On the GPS tab, Set the Protocol to NMEA 0183, the Port to COM2, and the Baud to 57600.
- Click the green OK.

To turn on ArcPad's GPS capture, click the same black down arrow and click GPS Active.

Installing the GPS Differential post processing files

Instructions for installing GPS Differential can be found at: <ftp://ftp.magellangps.com>. Look for the document titled "GPSDifferential for ArcPad.pdf" in MM CX/Software/GPSDifferential for ArcPad.

Reccomendations-

Set the correct paths in ArcPad v 7.1

- In ArcPad on the MM CX, tap the black arrow to the right of the Tools icon.
-Tap Options; tap the Paths folder.
- Default Maps & Data Path be set to \SD card
- Select System Files Path:
-Tap the folder icon and browse to \My Device\ESRI ArcPad 7.1\System
- Select Other Additional Paths Applets:
-Tap the folder icon and browse to MyDevice\ESRI ArcPad 7.1\Extensions
- Tap on the green OK circle in the lower left of the screen.
- Tap on the black arrow to the right of the folder icon.
-Select Exit.
- Tap the Windows Start Icon. Select Shut Down.
- Power on the MM CX and start ArcPad using a New Map.
- Tap the black arrow next to the Tools icon.
-Select Start LoggingGPS Raw Data.
-Enter the PostProcessing activation code provided and select OK.
- Power cycle the MM CX.