



Installing the GPSi Extension for ArcMap

1. To install the GPSi extension you need to have **administrator privileges** on the machine you want to do the install
 2. Download the GPSi extension file from <http://arcscrips.esri.com/details.asp?dbid=12749>
 3. Unzip the contents of the .zip file to a folder on your hard drive. We recommend unzipping the contents of the .zip file to C:\Program Files\GPSi. You should create the folder before unzipping, because your PC probably does not have such folder.
 4. Read the instructions in the readme.txt file
 5. Rename the file 'install_GPSi.bat.txt' to 'install_GPSi.bat' and 'remove_old_GPSLib.bat.txt' to 'remove_old_GPSLib.bat'
 6. Double click on 'install_GPSi.bat' to register required components on your system
 7. Copy the following 4 files from the GPSi directory to C:\Program Files\ArcGis\Bin
 - ErrorHandlerUI.dll
 - GPSi.chm
 - GPSi.dll
 - WMXGPSGRMN.dll
 8. Open ArcMap and select Tools → Customize
 9. Click the “Add from File” button and browse to the GPSi.dll file located in the C:\Program Files\GPSi folder.
 10. Select the file and click Open
- Note:** The help file (gps.chm) needs to be in the same location as the gps.dll in order to function correctly.
11. GPSi should now be available as an ArcMap Toolbar.

Known Issues

1. **Error 429** – Users experiencing Error 429 will need to download and register the mscomm32.ocx component, which is available on the web at: <http://www.input-drivers.com/drivers/54/54497.htm> - (Registration is required to download the file. Registration is free)
 - a. Download the mscomm32.ocx file in the c:\winnt\system32 folder
 - b. To register the component click on Start → Run
 - c. Depending on the Windows version you are using:
 - Windows 2000 type “**regsvr32**
c:\winnt\system32\mscomm32.ocx” in the textbox and click OK
 - Windows XP type “**regsvr32**
c:\windows\system32\mscomm32.ocx” in the textbox and click OK
 - d. The component should be registered

2. **Adding the GPSi library**
 - a. Once the mscomm32.ocx driver has been placed in the system32 folder and registered start ArcMap
 - b. Select Tools → Customize
 - c. Click the “Add from File” button and browse to the GPSLib.dll file (usually located in the c:\GPSi folder)
 - d. Select the file and click Open
 - e. You should now be able to connect to the GPS unit