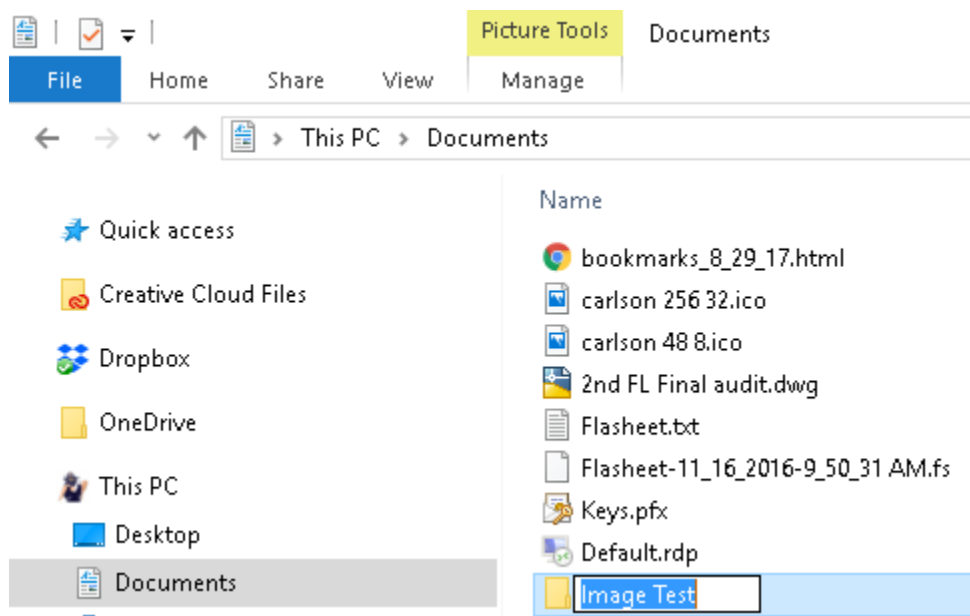


This is a short tutorial for creating and using an Aerial photo or image Topo map inside SurvCE 2.50 and higher

1. Click the link below to download and install XPortSetup.exe to your Desktop, or Laptop, computer.

[Carlson X-port](#)

2. Make a new folder in **My Documents** called **Image Test**.



Then, right-click on the following link and save the file into the new **Image Test** folder.

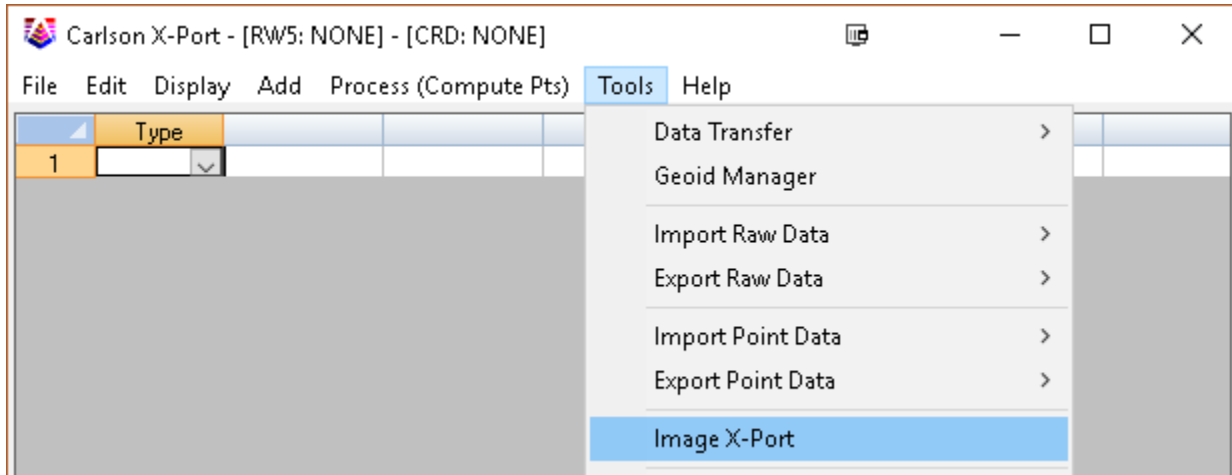
[Sample Images.zip](#)

3. Unzip the file we downloaded in Step #2. The file **Sample Images.zip** contains the following Image and World File:

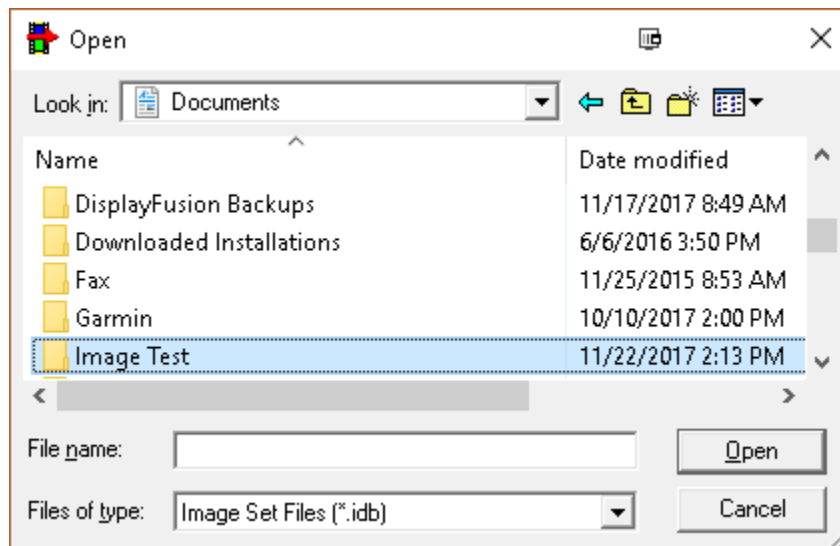
USGS100K.tif

USGS100K.TFW

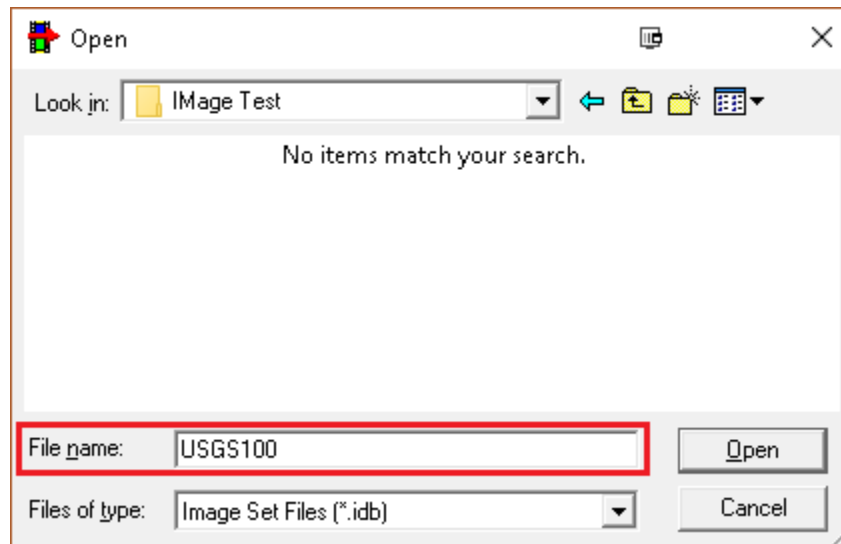
4. Run Carlson X-port then click Tools / Image X-port to open up the Image Set Manager utility.



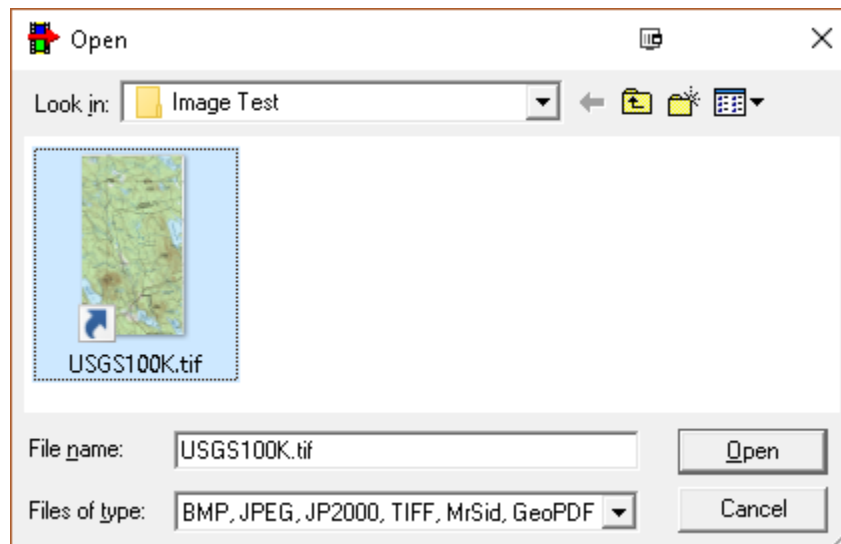
5. Click the **Open New / Existing Image Database** button and navigate to the **Image Test** folder, which we created in Step #2 inside your **My Documents** folder.



6. Once you're in the **Image Test** folder, Type the name USGS100, at the bottom. This will create a New .IDB file. Then, click the OPEN button.



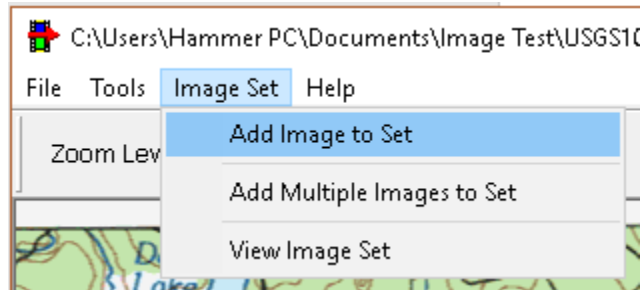
7. Click File. Then, click **Open Image File** and you should see the file **USGS100K.tif** displayed in the **My Documents/Image Test** folder.



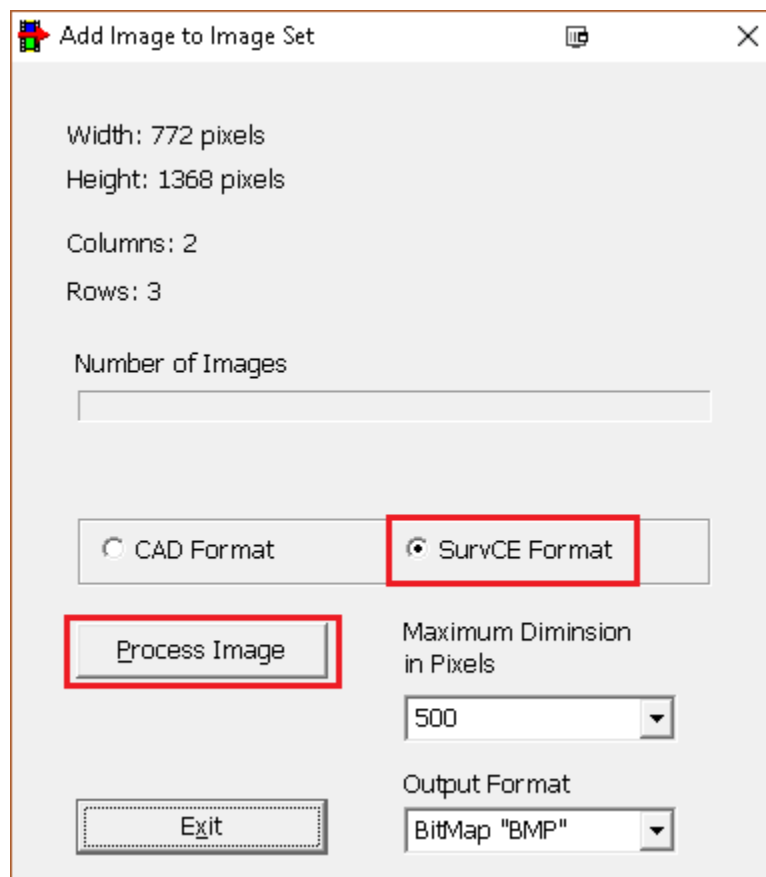
Left-Click the **USGS100K.tif** file to highlight the file. Then, click **OPEN**. A topo map image will be displayed on-screen. The world file should be automatically set for you, in our sample project.

*****Please Note: If you need to view or change the World File; you can click the Tools pull-down. Then, click World File Editor. This will display your current values, and allow you to click Import World Files, if necessary.**

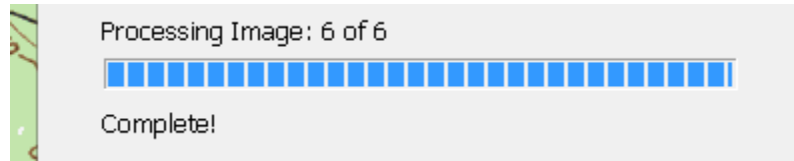
- Click the **Image Set** pulldown then click **Add Image to Set**.



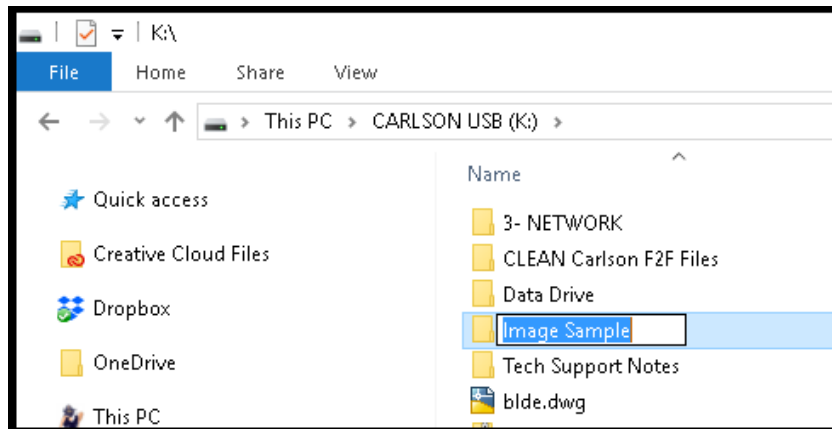
Select the **SurvCE Format**. Then, click the **Process Image** button.



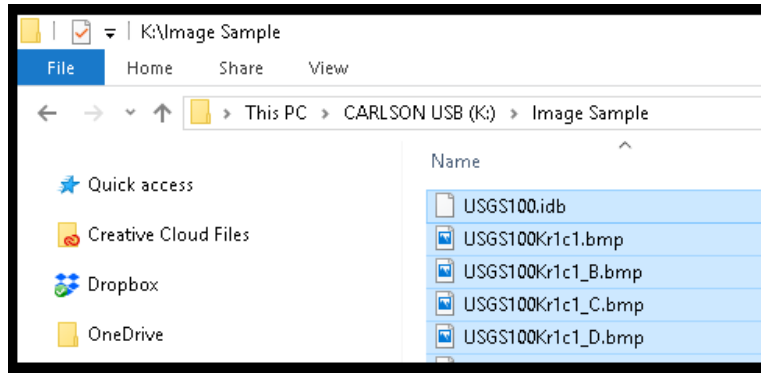
After a few seconds, the blue, progress bar will become active. A message will state that the process is “*Complete!*”. Then, you will be returned the Image Set Manager window.



9. Exit the Image Set Manager, by selecting Exit, from the File drop-down.
10. You should have 40 Bitmap image files and a file named USGS100.idb, in your **My Documents/Image Test** folder.
 - a. Make a subfolder on a removable, USB thumbdrive, called **Image Sample** {It won't work without copying all the bitmap Image files and the *.IDB file into a Subfolder on the Compact Flash Card}



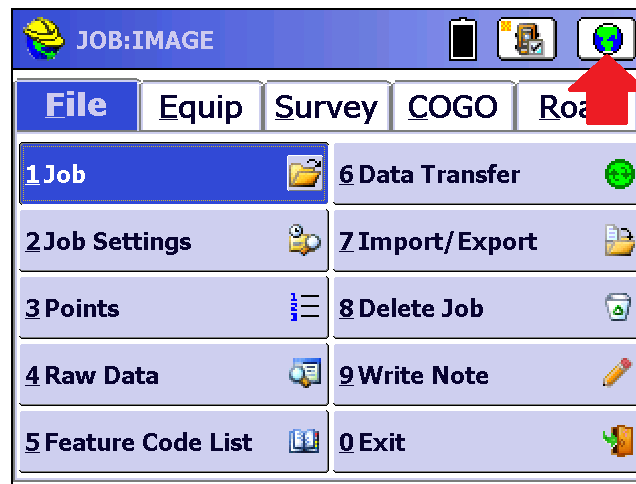
- b. Copy all of the files into the subfolder on the USB thumbdrive {It is not necessary to use the original TIF or JPEG or TFW, just the new images we created in Step #7 and the new *.IDB database file}



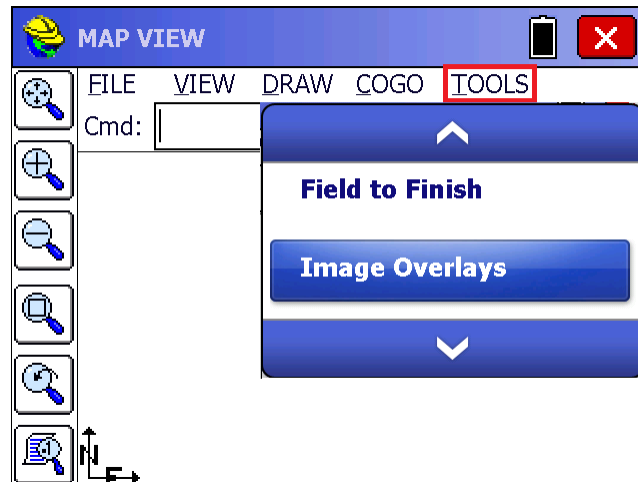
- c. Plug the USB thumbdrive into the Data Collector

11. Launch the SurvCE program on you data collector. Then, start a new job.

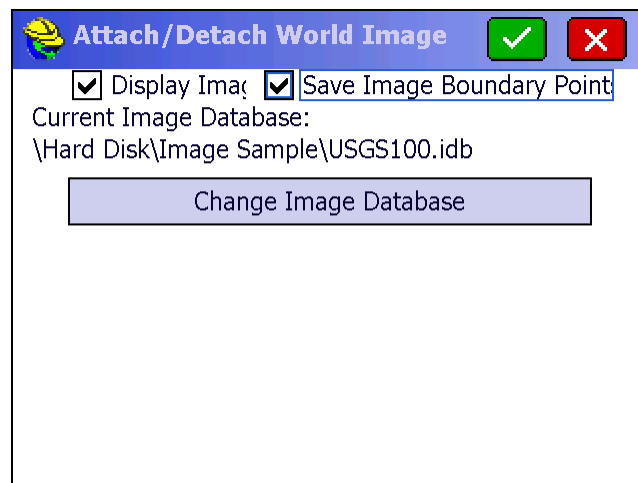
12. Tap the Map Icon in the Upper right.



13. Tap on the Tools drop-down and select **Image Overlays**.

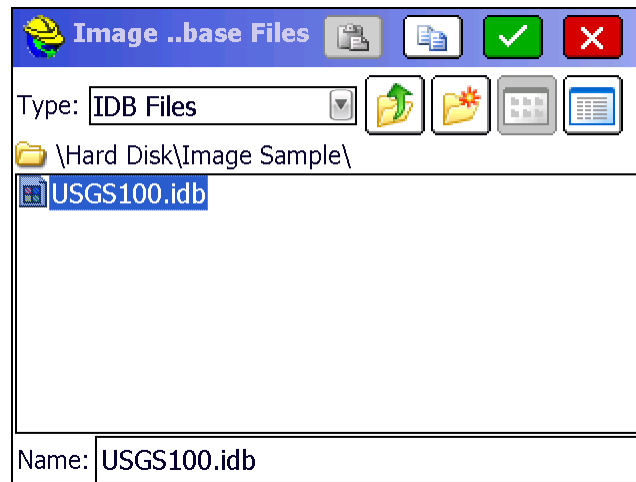


14. Check the box for **Display Image**, and check the box for **Save Image Boundary Points**.

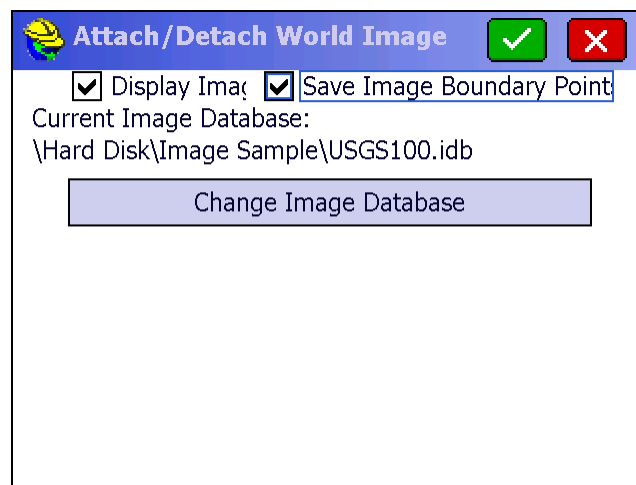


15. Tap **Change Image Database**. Then, browse to the file we copied to the USB drive, in the Subfolder **Image Sample**.

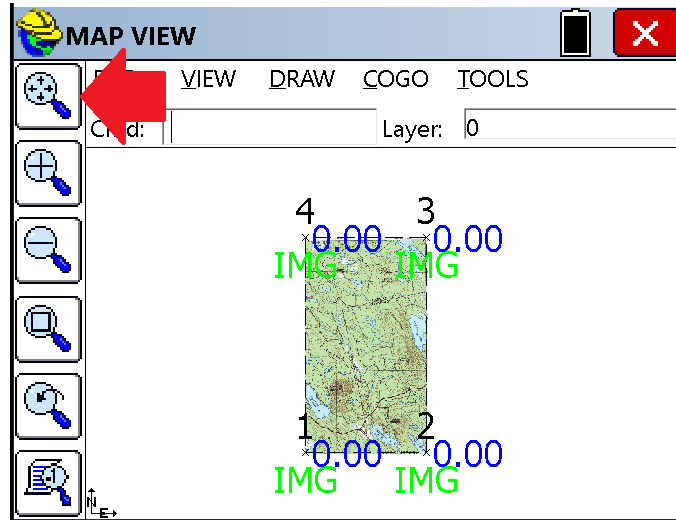
16. Highlight **USGS100.idb**, and tap the green checkmark to select that file.



17. Tap the green checkmark, again, to load the file.



18. Now tap the Zoom Extents icon in the upper left and you should see the Image onscreen.



19. If you need to turn off the image you can go back into the Map Screen / Tools / Image Overlays, and uncheck the box for **Display Image**.