

Edits to the survey should be done at this time while in Survey Controller on the data collector before creating the csv file. It may be advantageous to create several csv files. Each file can contain different point groups (i.e. survey control, ground, etc.). This may make importing the points into AutoCAD easier by already dividing up the points into groups. When each csv file is imported into AutoCAD, you can then select which point group the contents will go in rather than relying on an AutoCAD template enter them into a default point group.

Creating the csv file

On the data collector in Survey Controller, go to:

1. Files (Icon on main menu) → Import/Export → Export fixed format files
2. Select the File Format: "Comma Delimited (*.CSV, *.TXT)"
3. Enter the File name you want

It should default to the name of the job file you have open with the .csv extension

4. The "... " button lets you pick the folder the csv file will be saved to on the data collector

It should default to a folder called Export under the original folder where the job file is

5. Make these selections for the fields and choose "Accept":

Point name: Field1

Northing: Field2

Easting: Field3

Elevation: Field4

Point code: Field5

6. Select which points from the job that you want included in the csv file

Do this by choosing a filter from the list that appears and select "Enter"

7. Hit "OK" once the transfer is complete

The csv file is now created and saved on the data collector.

To view the file location from the data collector

1. Go to the Windows Start Menu → File Explorer
2. Under the My Device heading, go to the Trimble Data folder
3. Select the folder where the csv file was saved. It will be a folder named "Export"

(Should be under the county name folder where the survey job file is)

Example: Start Menu → File Explorer → My Device → Trimble Data → county → Export → filename.csv

This is the location the csv file was created and exported from the Survey Controller program.

To transfer the new csv file from the data collector to the computer

1. Connect the data collector with the USB cable and open either ActiveSync or Windows Explorer

Select: My Windows Mobile-Based Device

Follow the file path in the example above

Drag or copy the csv file from the data collector location to its new hard drive location

2. The csv file can now be imported in to a CAD program.

The file can also be opened in Excel for editing. For example, AutoCAD can only accept points with numerical names. If a name such as "BASE" or "BACKSITE" etc. was used in the survey, it will need to be changed to a number before importing the points in AutoCAD. Also, the codes can be edited and breakline coding can be checked for errors before importing to ensure they import correctly.