Importing an ASCII File to Use on the TSC2 Using Trimble Survey Controller

Introduction   ASCII (**A**merican **S**tandard **C**ode for **I**nformation **I**nterchange) files are used extensively to exchange data between electronic devices.

Note: ASCII files must first be transferred into the *Trimble Data* folder on the TSC2 before starting this exercise.

Note: This guide was written using Survey Controller version 11.32. If you are using a different version, the screens may look differently.

Data Format   In this example the ASCII file we will be importing is in a **non-standard** format:

Code, Easting, Northing, Point Name, Elevation

I purposefully used this oddball order to demonstrate the flexibility of the import wizard.

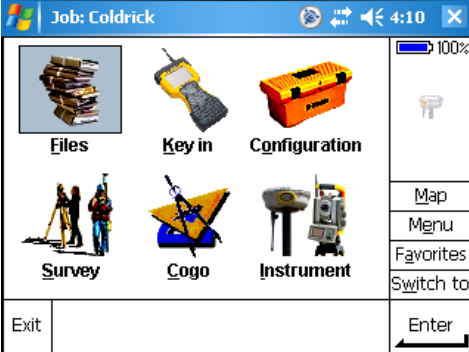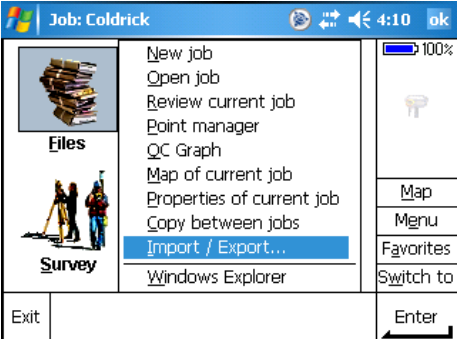The data contained in the file we are importing looks like this:

CNTRL,5000,10000,1,100
CNTRL,5000,10100,2,110
CNTRL,5100,10100,3,105
CNTRL,5100,10000,4,101

This is a CSV (comma separated values) file.

Jobs   Either create a new job or select an existing job that will be the destination of the point data about to be imported.
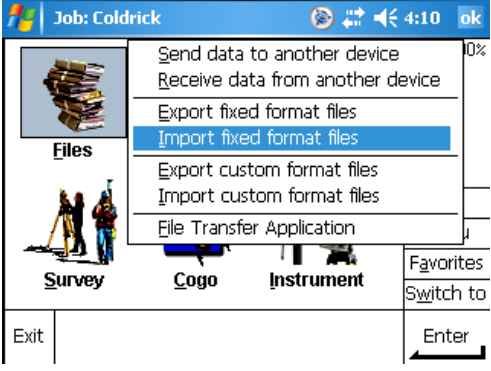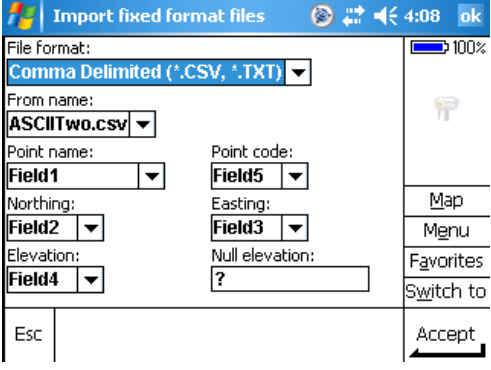
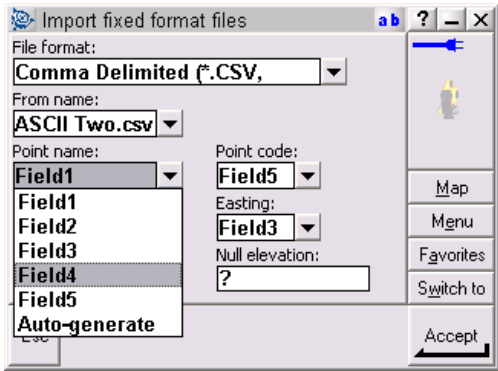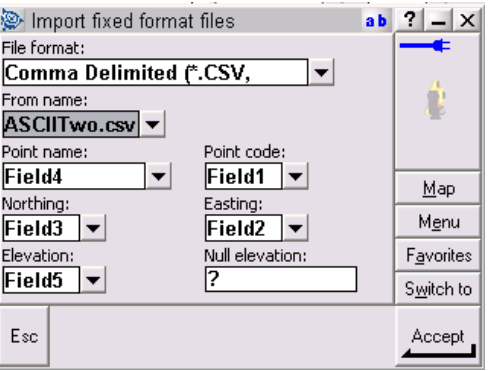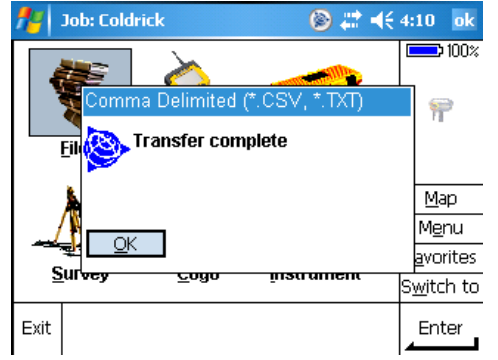| Step	Action	Display
1	• Turn on the TCS2 controller. • Tap on **Survey Controller** from the Windows menu. This starts the Trimble Survey Controller program.	
2	From the Main menu of the Trimble Survey Controller program: In this example, we will be importing the points into a job titled *Coldrick*. This job was already selected from a previous survey. • Tap on the **Files** icon. This opens a pop up menu.	
3	In the pop up menu: • Select **Import/ Export…**. This opens another pop up menu.	

Continued on the following page

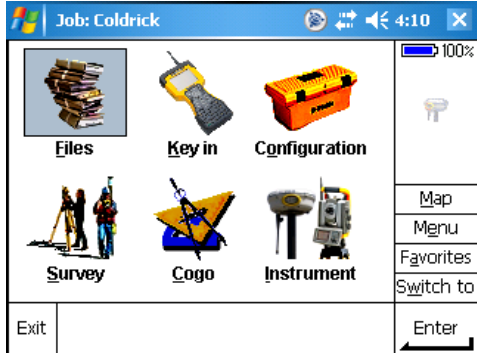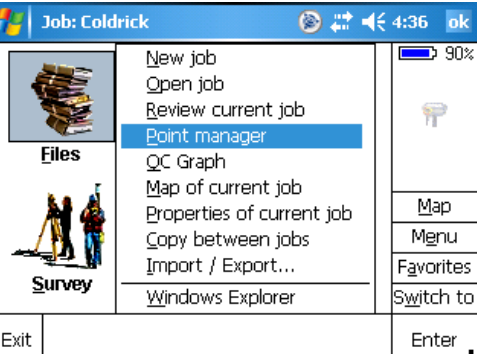| Step	Action	Display
4	In the pop up menu: • Select **Import fixed format files**. This opens the Import fixed format files screen.	
5	In the Import fixed format files screen: • Select the file format in the **File format** field. **Note**: In this example we are importing a **comma delimited CSV** file. In the **From name** field, • Select the file you wish to import. In this example the file we are importing is titled *ASCIITwo.CSV*. Remember that the file you wish to import must be in the **Trimble data** folder on the TSC2. This step continues on the following page.	

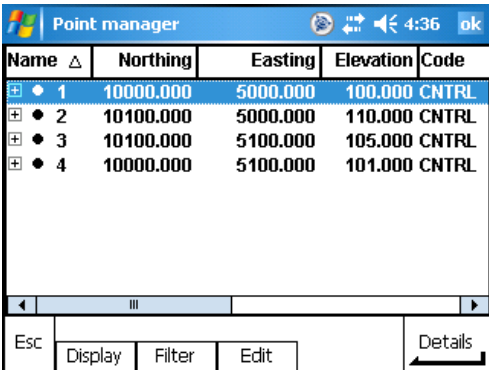| Step	Action	Display
5	This step continues from the previous screen: Remember the order of the data in this file is **Code, Easting, Northing, Point name, Elevation**. We are now ready to define which data order our file is in. The first field to define is the **Point name** field. According to our order above, the point name of our points are in the forth field. - Set the **Point name** field to **Field4**. Continuing on, we set the: **Northing** field to **Field3** **Elevation** field to **Field5** **Point Code** field to **Field1** **Easting** field to **Field2** When finished, - Tap on the **Accept** button. This imports the data and displays a Transfer complete message. - Tap on the **OK** button to acknowledge the message window. This closes the Transfer Complete message and returns you to the Main menu.	

Verify what you just did

Congratulations you just imported an ACSII file using the Import fixed format files method. But you should **always verify** that you did what you thought you did. So let's go look at the points we just imported.

Step	Action	Display
6	From the main menu and the current job selected: • Tap on the **Files** icon. This opens the pop down menu. • Tap on **Point Manager**. This opens the Point manager screen.	

Step	Action	Display
7	From the Point manager screen: Here we can see that, indeed, the points imported correctly and northings are northings and eastings are eastings. Once you have completed verifying the imported data, • Tap on the **ESC** button. This returns you to the main menu screen.	

Finished   Here we can see that even though the file we imported was in a different format order, we were still able to import the file by defining what data is in which column.