

## Importing and Exporting Data to and from MAGNET Field: DS and PS

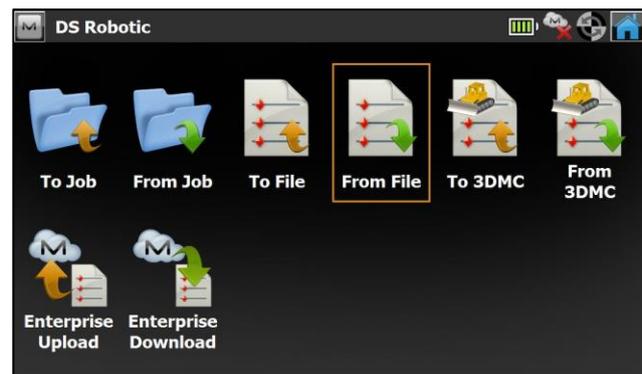


(1)

From the main MAGNET home screen, press the **Exchange** menu button.

(2)

From here, select the preferred method of data transfer.



Survey and Setting-out data can be imported and exported via an open **Magnet Field Job** in two main ways:

- To/From Job

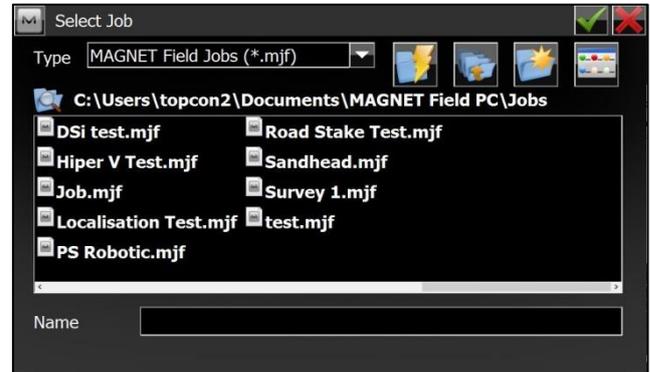
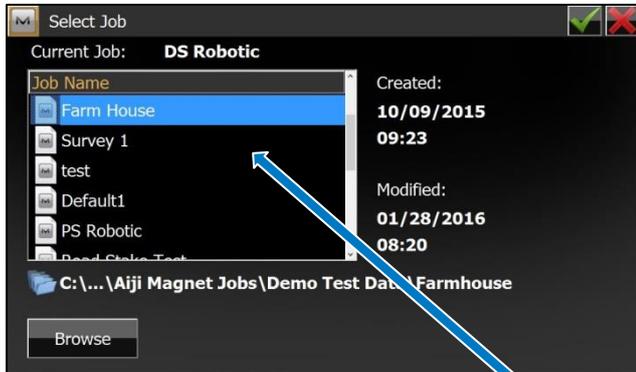


- To/From File



Exchange via 3D Machine Control and MAGNET Enterprise is not covered in this quick guide.

## To/From Job



(1)

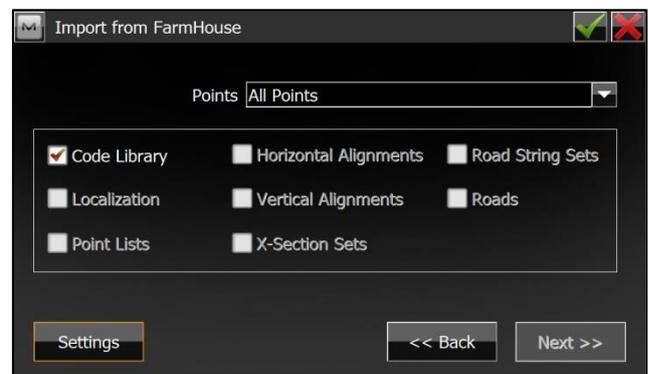
If importing/exporting a **Job**, choose this from the list  
OR press **Browse** to search for an **.mjf** file.

Press the **Green Tick** to select the job.

(2)

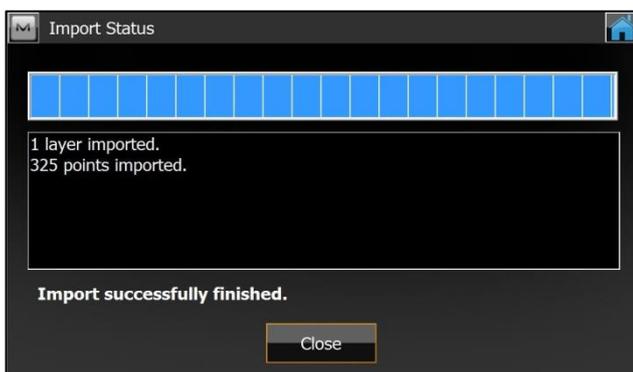
Specific survey data included within the job can be selected/de-selected prior to transfer if required.

Press the **Green Tick** to Import/Export the data.

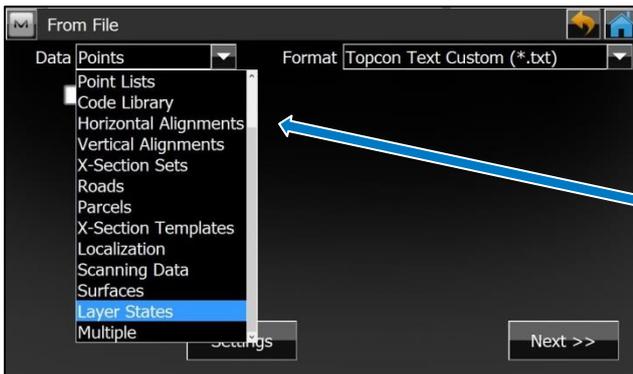


(3)

Survey data type and information is displayed once transfer has been successfully completed.



## To/From File



(1)

First select the **Data type** to be transferred. This is done from the drop-down list on the left of the screen.

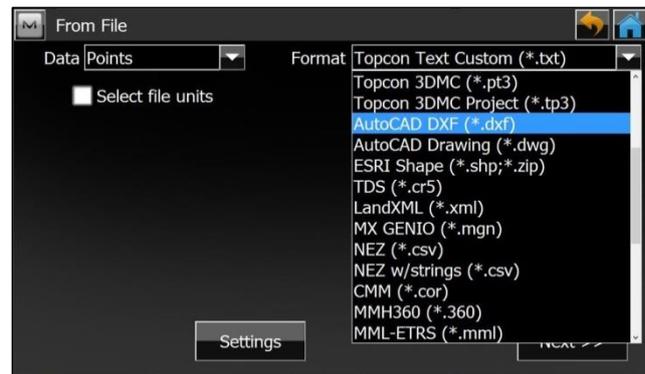
If more than one type is required, select **Multiple**.

(2)

Select the **Format** of the file to be transferred.

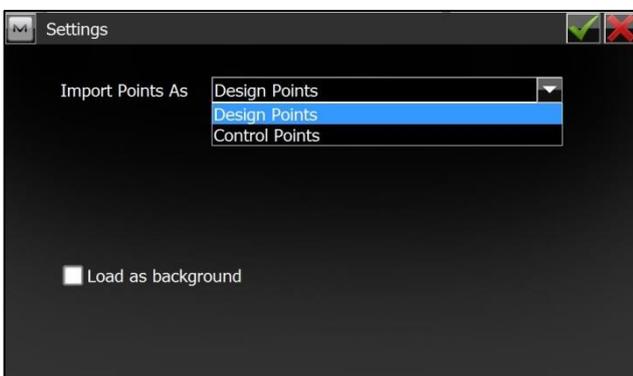
Common **ascii**, **.csv**, **.dwg** and **.dxf** formats can be found on the drop-down list.

Press **Next**.



(3)

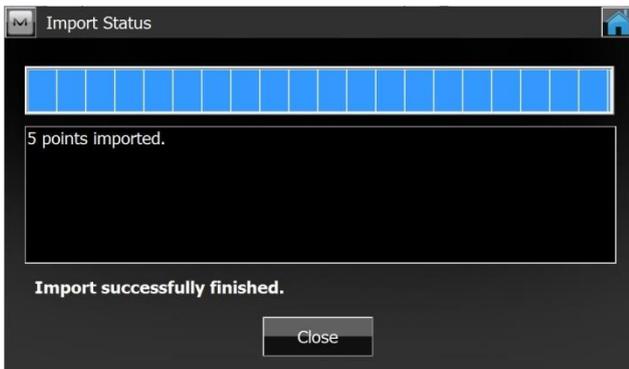
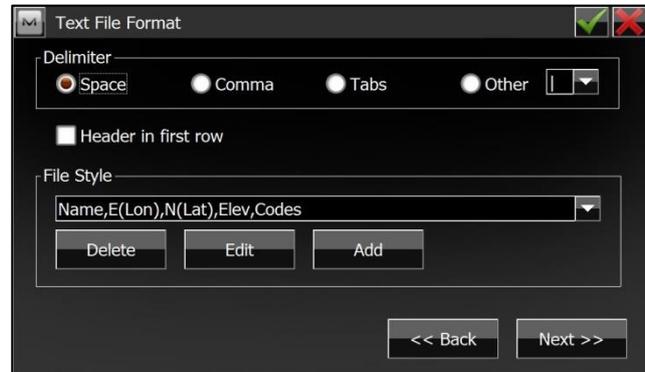
The option to import/export points as either **Design** or **Control** Points can be found under the **Settings** button.



(4)

Depending on the format selected, different options to **Edit** the import/export data file style are available on the next screen.

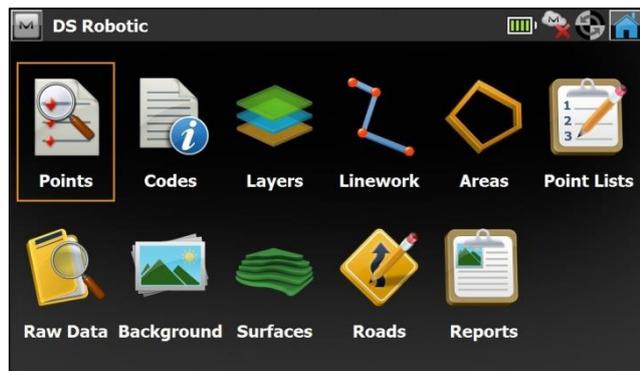
Press the **Green Tick** to confirm.



(5)

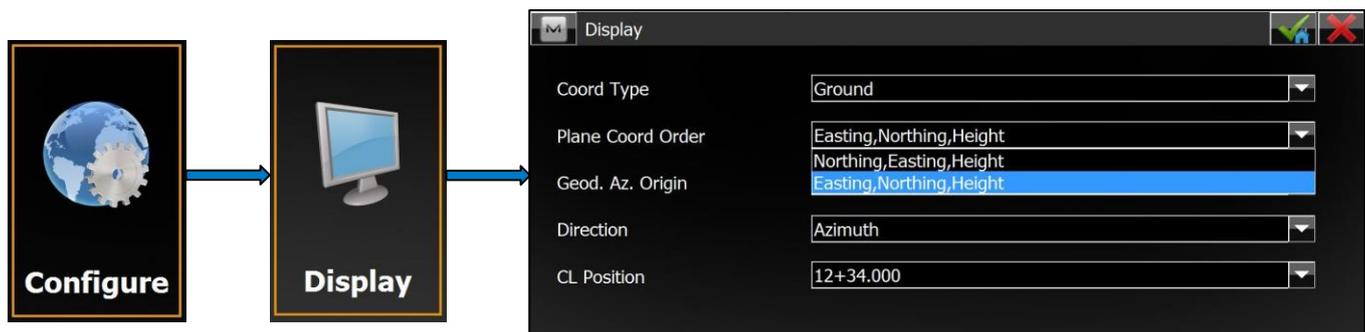
Survey data type and information is displayed once transfer has been successfully completed.

Imported data can be viewed and verified prior to fieldwork/staking-out by using the **Edit** button and selecting the required feature parameters from the menu.

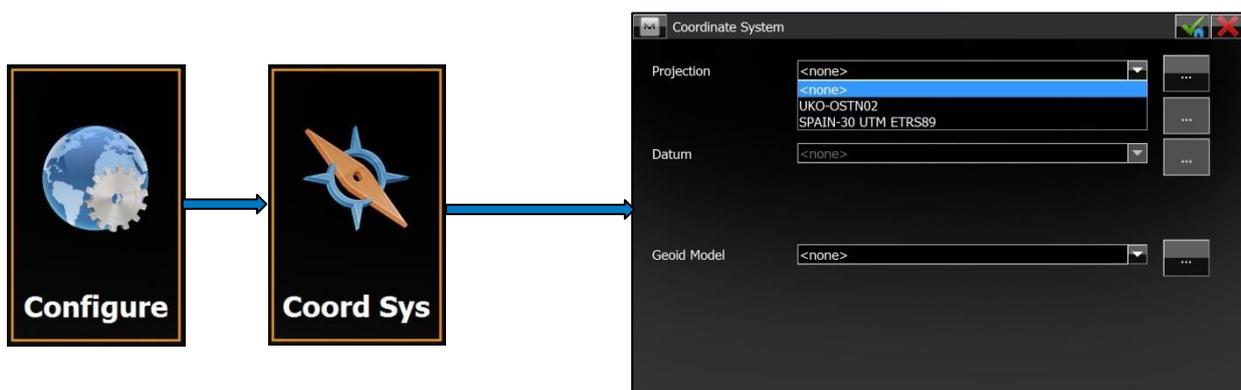


When importing and exporting data it is important to check that the coordinates are displayed correctly (whether **P, E, N, Z** or **P, N, E, Z**) and that the correct Projection or Localization for the job has been set.

Coordinate display order can be changed in the **Display** sub-menu within the **Configure** screen. Changes will affect all points and can be observed within the **Edit Points** menu.



Ensure the correct **Projection, Datum** or **Localization** for the job is set by entering the **Coordinate System** sub-menu within the **Configure** screen. If necessary amend via the drop-down lists and verify by pressing the **Green Tick**.



Be aware that exporting via **.csv** file from MAGNET Field will result in the format **P, N, E, Z** within the saved spreadsheet.

Import/export via Topcon Text Custom **.txt** format (step 4 above) allows the user to customise coordinate order and add new file styles to fit their requirements.