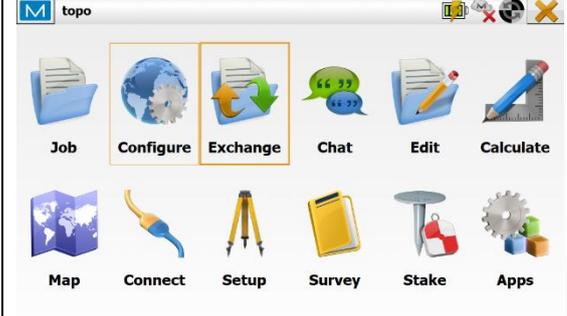
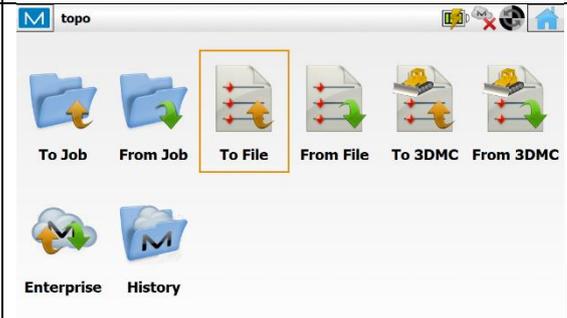
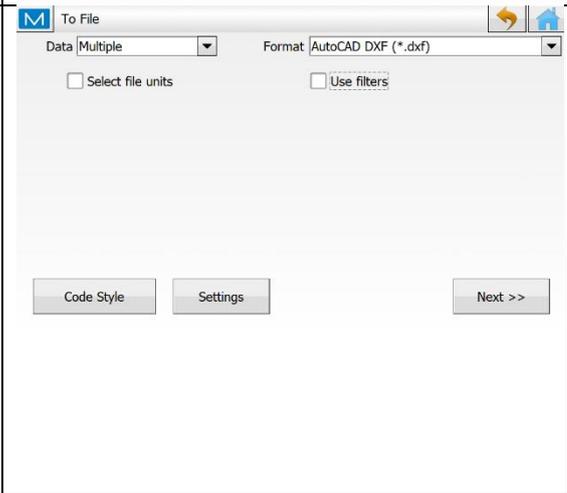
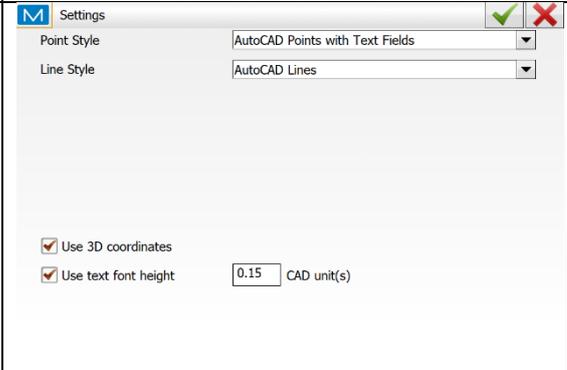


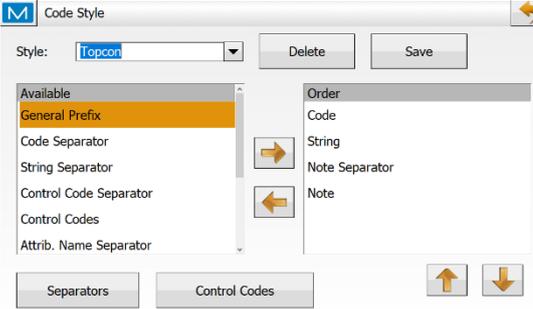
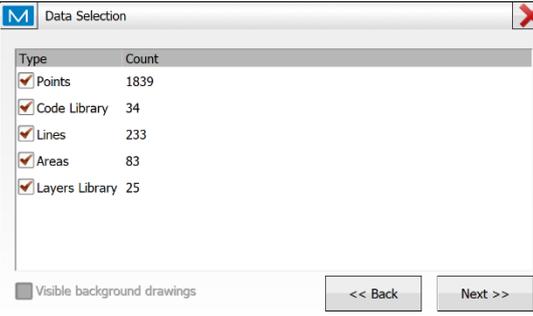
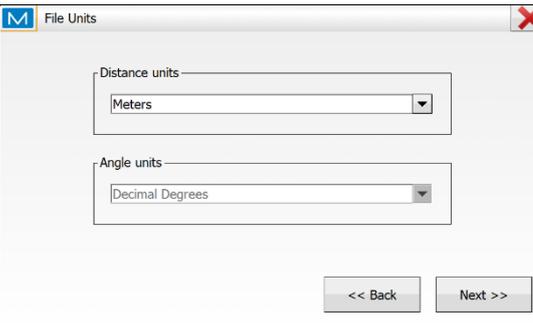
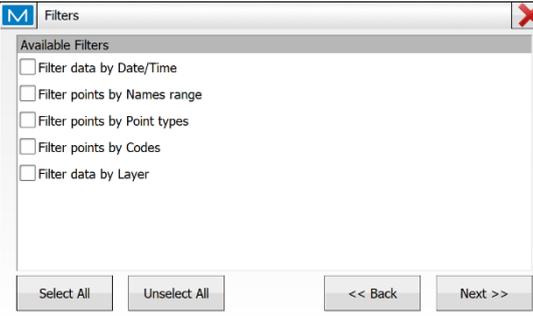
Topcon Magnet: Exporting to DXF/DWG from Magnet Field

<p>1</p>		<p>Open the job you want to export from Click Exchange</p>
<p>2</p>		<p>Click To File</p>
<p>3</p>		<p>Data Type should be Multiple as the drawing will contain multiple object types (points, lines, layers, etc.) and you can choose what to export in a later step Format should be AutoCAD DXF or AutoCAD DWG depending on your preference If you want the drawing to be in units other than metres, tick Select File Units. If you don't want to export every object in the job tick Use Filters. These will be configured in a few steps' time. Click Settings Steps 4 & 5 are optional as all settings are saved next time you export. If you don't need to change settings jump to Step 6</p>
<p>4</p>		<p>Point Style & Line Style should almost always be set as shown here. Changing to just AutoCAD Points will not show any point elevations or notes and having AutoCAD Lines with Text Fields will give duplicate text on all points on lines. Use 3D Coordinates is set by default and unticking this will make your drawing 2D Text Font Height can be changed to Auto, but the text tends to be very big and I find 0.15 to be the best size (Note: This needs to change if using units other than metres e.g. mm should be 150 units)</p>

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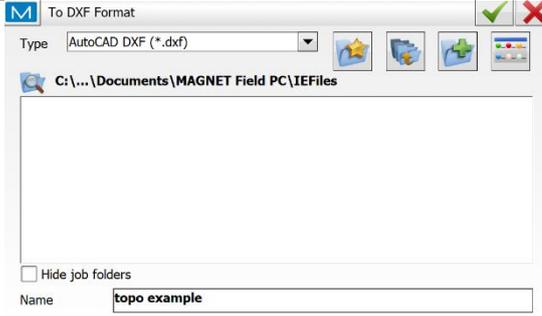
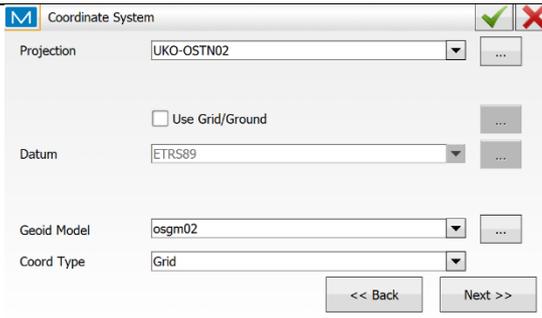
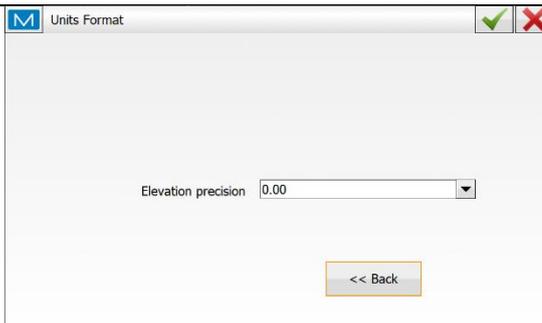
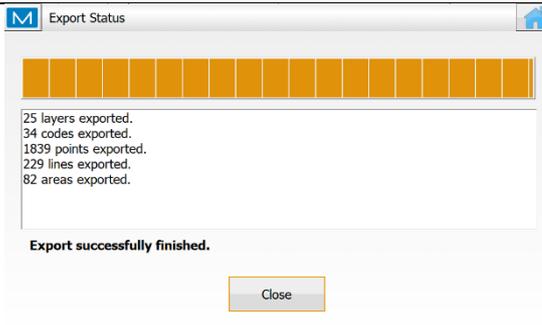
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<p>5</p>	 <p>The 'Code Style' dialog box shows a 'Style' dropdown set to 'Topcon'. Below are two lists: 'Available' and 'Order'. The 'Available' list includes 'General Prefix', 'Code Separator', 'String Separator', 'Control Code Separator', 'Control Codes', and 'Attrib. Name Separator'. The 'Order' list includes 'Code', 'String', 'Note Separator', and 'Note'. Arrows allow moving items between lists. Buttons for 'Separators' and 'Control Codes' are at the bottom.</p>	<p>Click Code Style This will change what information is shown in the Point Description layer. I usually use the settings shown which will show the code, string number and any notes against the point, but this can be changed if needed. When happy with your settings press the green tick then, back on the To File screen, click Next</p>
<p>6</p>	 <p>The 'Data Selection' dialog box shows a table with 'Type' and 'Count' columns. All items are checked: Points (1839), Code Library (34), Lines (233), Areas (83), and Layers Library (25). There is a checkbox for 'Visible background drawings' and '<< Back' and 'Next >>' buttons.</p>	<p>Select which data you want to export. This will usually be everything. Click Next</p>
<p>7</p>	 <p>The 'File Units' dialog box has two dropdown menus. 'Distance units' is set to 'Meters' and 'Angle units' is set to 'Decimal Degrees'. There are '<< Back' and 'Next >>' buttons.</p>	<p>If you did not select Select File Units this screen will not appear. Select the units you want to use and click Next</p>
<p>8</p>	 <p>The 'Filters' dialog box shows a list of 'Available Filters' with checkboxes: 'Filter data by Date/Time', 'Filter points by Names range', 'Filter points by Point types', 'Filter points by Codes', and 'Filter data by Layer'. There are 'Select All', 'Unselect All', '<< Back', and 'Next >>' buttons.</p>	<p>If you did not select Use Filters this screen will not appear. Tick which method you want to use to filter (you can use multiple) and press Next. If you have selected any methods you will be taken to a screen for each one. When you are done filtering click Next</p>

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<p>9</p>		<p>Select where you want to save the file. If you are saving to a USB, click the  button and then My Computer then select your USB if using an FC5000. If you are using a non-Windows 10 controller click the  then Hard Disk Give your file a Name and click the Green Tick</p>
<p>10</p>		<p>The Coordinate System should almost always be left as default (this will match the job). Click Next</p>
<p>11</p>		<p>Select how many decimal places you want to show in the point elevation labels. This will only affect the labels, not the point positions In this case I have set to 2 decimal places Press the Green Tick</p>
<p>12</p>		<p>This screen is showing that your drawing has been exported, you can now hit Close</p>

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13



The drawing file is ready to be used

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