

**SPEAR**

Surveying and Planning through Electronic Applications and Referrals



**SCFF Instructions: Exporting to DXF**
AutoCAD
MicroStation CONNECT

# Exporting to DXF in AutoCAD, MicroStation CONNECT and LISCAD

## The information below is provided to assist surveyors in exporting an SCFF from AutoCAD and MicroStation CONNECT. The information has been provided by the ePlan team and Surveyor-General Victoria teams, based on their experience using these applications. If these instructions do not correlate with your own CAD package/customisation, please contact your vendor for more specific information.

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| **Exporting to DXF in AutoCAD** | **Option 1*** 'Save As', choose the File Type (AutoCAD 2010/LT2010 DXF (\*.dxf))
* This will save the whole drawing which will remain open and the extension .dxf will be shown in the tab
* Any changes done from this point will be to the DXF only and will need to be saved as a dwg if required when closing the file

**Option 2*** ‘Save As’, click on Tools on the top right corner and choose ‘Options’
* Click ‘DXF Options’, then ‘Select Objects’ and ‘OK’
* Choose the dxf version in the Files of type (AutoCAD 2010/LT2010 DXF (\*.dxf)) and ‘Save’
* Select everything that you require and ‘Enter’
* The dxf will be saved in the folder and the opened drawing will remain a dwg
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| **Exporting to DXF in MicroStation CONNECT** | **Option 1*** Export entire design file
* Select File>Export>DWG
* In the ‘Save As’ type field select - Autodesk® DXF Files (\*.dxf)
* At the bottom of the export dialog select ‘Options’.
* Expand the directory ‘Basic’ and select the DWG Version - 2010/2011/2012.
* Set any other required options and then select ‘OK’.
* Choose the desired file location and enter the name of the export file in the File name field.
* Select enter to save the export.

**Option 2*** Export selected/fenced elements
* Place a fence using the fence tool, setting Fence Type to Block and Fence Mode to Inside.
* Select File>Export>DWG
* In the ‘Save As’ type field select - Autodesk® DXF Files (\*.dxf)
* At the bottom of the export dialog select ‘Options’.
* On the General tab, expand the directory ‘Basic’ and select the DWG Version - 2010/2011/2012.
* On the Filter tab, set Geometry to Fence and Fence Mode to Inside.
* Set any other required options and then select ‘OK’.
* Choose the desired file location and enter the name of the export file in the File name field.
* Select ‘enter’ to save the export.

**Warning****NOTE:** * Ensure cells are stored as type ‘point’ in cell/dgnlib library files.
* Ensure cells are placed in the design file as ‘shared cells’
* Delete any existing ‘shared cell definitions’ from the design file before exporting to dxf.
* The command/key in to be used is ‘delete scdefs all’.
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