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**SPEAR**

Surveying and Planning through Electronic Applications and Referrals

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**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 |
| **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’. |