

Converting Microstation DGN to Autodesk DXF

Design Manual
Chapter 20
Project Automation
Information
Originally Issued: 03-31-16

Overview

This section focuses on the process of producing Autodesk files for Final Turn-In of Electronic Files (Section [20B-71](#)). As stated in 20B-71, only 3D Microstation files containing 3D line strings representing break lines need to be converted to the DXF format. The DXF format is a generic CADD format usable by many software suites for use in automated machine guidance operations.

Converting DGN to DXF

The two methods for converting a DGN file to a DXF file through Microstation are:

- **File>Save As...**
- **File>Export>DGN, DWG, DXF...**

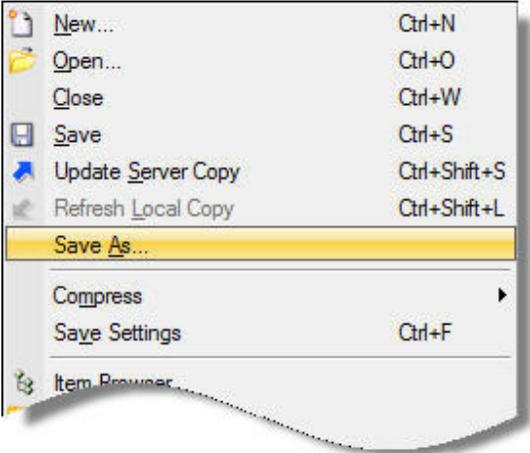
Either method can be used since both methods produce the same results.

DXF files, much like DWG files, can only contain one model. Because of this, care must be given, after converting a DGN with multiple models, to ensure the correct DXF file for the correct model is supplied for Final Turn-in.

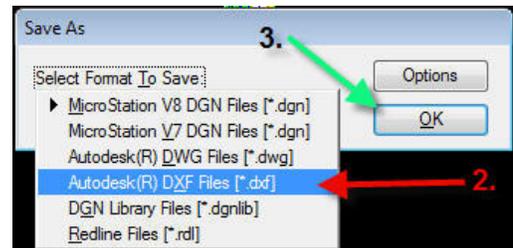
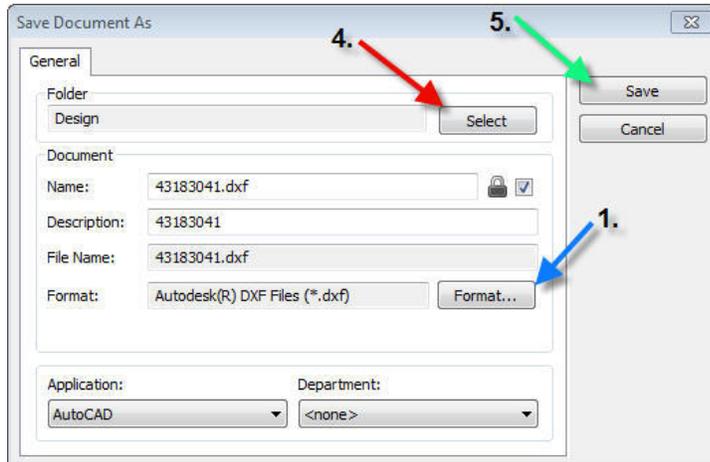
File>Save As... Method

Select **File>Save As...**

The **Save Document As** dialog shown below will appear.



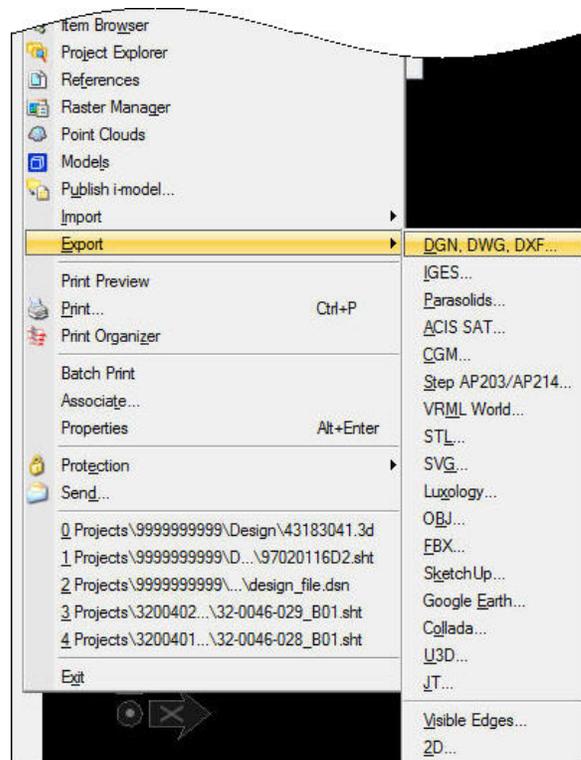
1. Click the **Format** button to change the format to DXF.
2. Select **Autodesk® DXF Files [.dxf]**
3. Click **OK** to select format.
4. Click **Select** button to ensure file will save to correct folder.
5. Click **Save** button to complete.



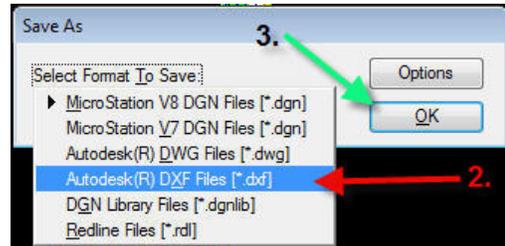
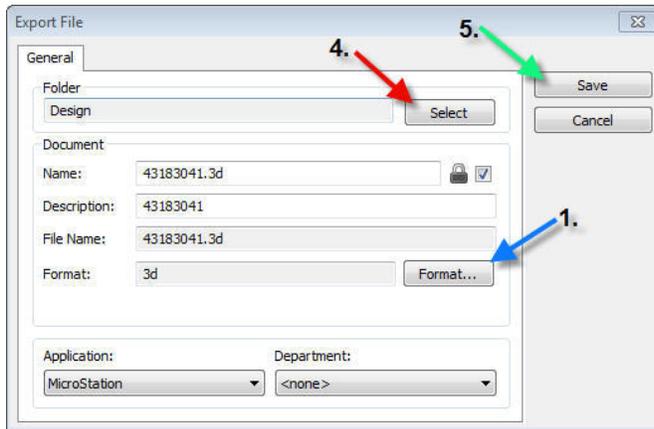
File>Export>DGN, DXF, DWG... Method

Select File>Export>DGN, DXF, DWG...

The **Export File** dialog shown below will appear.



1. Click the **Format** button to change the format to DXF.
2. Select **Autodesk® DXF Files [.dxf]**
3. Click **OK** to select format.
4. Click **Select** button to ensure file will save to correct folder.
5. Click **Save** button to complete.



Chronology of Changes to Design Manual Section:

020H-020 Converting Microstation DGN to Autodesk DXF

3/31/2016 NEW
New.