



# GraphWorX64

## AutoCAD Native Import and Export



APPLICATION NOTE

September 2013

**Description:** Guide to learn how import/export AutoCAD 2D and 3D files directly into GraphWoX64 display.

**OS Requirement:** Windows 8 x64 (Professional or Enterprise Edition), Windows 7 x64 (Professional or Enterprise Edition), Windows Server 2012 x64, Windows Server 2008 R2 x64, Windows Vista x64 SP2 (Business, Ultimate, or Enterprise Edition), Windows Server 2008 x64

**General Requirement:** Installation of GENESIS64 v10.80

### Introduction

With GraphWorX64, you can import 3D models, clipart, and objects from other GraphWorX64 displays and templates. You can import models and clipart for use in both the 2D and 3D realms of GraphWorX64. And because GraphWorX64 displays are saved in XAML format, you can even import a GraphWorX64 display in order to pull in the objects that are in that display.

- GraphWorX64 already supports
  - Natively load from and save to: XAML
  - Import: Collada, 3DS, Wavefront (.obj)
  - Export: Collada
- GraphWorX64 v10.80 newly supports in 3D Viewport
  - Import 3D from
    - Autodesk Drawing files (\*.dwg) and
    - Autodesk data exchange format (\*.dxf)
  - Export 3D to
    - \*.dwg and \*.dxf
- GraphWorX64 v10.80 newly supports
  - Import 2D from \*.dwg/\*.dxf

DWG files (Autodesk drawing files) and DWX files (Autodesk data exchange format) can be directly imported into GraphWorX64 3D Viewer without being converted.

### Importing AutoCAD 3D object

1. Open GraphWorX64 and insert new 3D Viewport
2. Select File -> Import
3. Browse for the Autodesk formats (.dwg, .dxf)
4. After selecting correct file Import Options window will appear where you can define scaling, select just specific layers for import and setup optimization

### Importing AutoCAD 2D object

1. Open GraphWorX64
2. Select File -> Import -> Insert from DWG/DXF file
3. Browse for the Autodesk formats (.dwg, .dxf)
4. After selecting correct file Import Options window will appear where you can define scaling and select just specific layers for import

### Exporting AutoCAD files

1. Select File -> Export
2. Type the name of the exported file and select Save

Exported files are valid and work in Autodesk viewers.

**NOTE:** There may be small differences in the model colors due to different lightning settings. Not all the layers/objects colors are imported as they appear in Autodesk browsers.