

**CAD & Office Supported  
File Formats - 3<sup>rd</sup> party**  
viewers and OLE links also  
available



**Applies to:**



**2D Vector formats:**

Format description	Extension	Version support
Anvil 1000	DRW	1,2 and 3
AutoCAD DWG	DWG	DWG 2.5-14. 2000-2009
AutoCAD DXF	DXF	DWG 2,5-14 2000-2009
Autodesk DWF	DWF	-> 6.0
Autodesk Render	RND	
Autodesk Slide	SLD	
Cadkey	PRT	Part File
Calcomp Plot	CCP	
CGM PIP	CGM	Binary only
CGM +		Binary only
CoCreate Designer drafting	MI	
Design Systems	VEC Data	
ESRI	SHP	
FelixCAD	FLX	2.3 and 4
Gerber	GBR	RS274. RS-274X
HPGL	PLT	HPGL
HPGU2	PLT	HPGU2
HPRTL	PLT	HP-RTL
ME 10/30	MI	
Micro Station	DGN	Version 3.4,5.7,8.x
Personal Designer drawing	DRW	
RxSpotlight	VC5	5.x

**3D Vector formats - (included in standard edition):**

Format description	Extension	Version support
AutoCAD DWG 3D	DWG	DWG 2.5-14, 2000-2009
Autodesk Arch its dual Desktop	DWG	
Autodesk Mechanical Desktop	DWG	
STL	STL	

**3D Vector formats - (optional\*):**

<b>Format description</b>	<b>Extension</b>	<b>Version support</b>
CATIAV5 Model (Parts/Assembly)	CatPart.GatProduct	Up to. and including R18
CATIA V4 Model (Parts/Assembly)	MODEL	4.1.x to 4.2.4
PRO/E (Parts/Assembly}	PRT, ASM	Up to, and including Wildfire 3
Unigraphics (Parts/Assembly)	PRT. ASM	15 to_ and including NX6
SolidEdge (Parts/Assembly/Drawing)	PAR, ASM, DFT	Up to, and including V20
SolidWorks [P a rts/Assembl//Drawing}	PRT.ASM.SLDDRW	Up to, and including 2008
Autodesk Inventor (Parts/Asmb/D rawing)	IPT. IDW, 1AM	Up to, and including 2009

*(\*) These 3D formats are optional, and not part of the standard version.  
They are licensed separately, and subject to individual pricing.*

### **Hybrid Formats:**

<b>Format description</b>	<b>Extension</b>	<b>Version support</b>
AutoCAD	DWG	DWG 2,5 -14, 2000-2009
GAD Overlay	RES	
GTX RasterCAD	REF	
Micro station	DGN	Version 3,4,5,7,8.x
Tessel CAD Raster	TAF	

### **Raster Formats:**

<b>Format description</b>	<b>Extension</b>	<b>Version support</b>
Adobe Photoshop	PSD	
CALS	CAL	Type 1 Group 4
Cimage Raster group 4	DSI	
CompuServe GIF	GIF	GIF87a/89a
EDMICS	TG4	Tiled Group 4
GTX	G3.G4RNL	
Image Systems IG4-	IG4	
Intergraph Group 4	CIT	
Intergraph RGB	RGB	Type 27
Intergraph RLE	RLE	
Intergraph Tiled Raster	TG4	
JBIG	JBG	
JPEG	JPG	JFIF compliant
JPEG200Q	J2K.JP2	
Paintbrush	PCX	
Portable network graphics	PNG	
Run length	RLC	RLC, RCL-2
Structured Fax format	SFF	
SUN	RAS	
TIFF	TIF	
TARGA Image	TGA	

Windows bitmap	BMP	Windows BMP and OS/2 DIB
X-Windows dump	KWP	

## Office Formats and PDF:

Format description	Extension	Version support
Adobe PDF	PDF	v. 17 (Acrobats)
Microsoft Word	DOC	95, 6.0, 97, 2000, XP, 2003,2007
Microsoft Word	DOCX	2007
Microsoft PowerPoint	PPT	97, 2000, XP, 2003, 2007
Microsoft PowerPoint	PPTX	2007
Microsoft Excel	XLS	95, 97. 2000. XP. 2003, 2007
Microsoft Excel	XLSX	2007
Binary	*	Shows hex dump of any supported file format.
Text file	TXT	ASCII
Windows metafile	WMF.EMF	Enhanced and standard

## Output Formats:

Format description	Extension	Version support
AutoCAD DWG	DWG	DWG 2,5 -14, 2000-2009
AutoCAD DXF	DXF	DWG 2,5-14, 2000-2009
Autodesk DWF	DWF	-> 6.0
HPGU2	PLT	HPGU2
MicroStation	DGN	Version 3,4,5,7,8.x
CALS	CAL	Type 1 Group 4
Intergraph Group 4	CIT	
JPEG	JPG	JFIF compliant
Portable network graphics	PNG	
TIFF	TIF	
Windows bitmap	BMP	Windows BMP and OS/2 DIB
Adobe PDF Writer	PDF	v. 1.3
Adobe PDF/A	PDF	PDF/A: ISO 19005-1 standard based on PDF v.1.4
Computer Graphics Metafile	CGM	CGM Binary