3D PDF Converter™ 3.2 Supported File Formats

3D PDF Converter™ and 3D Reviewer™ provide users with the power to import most popular native 3D formats directly to 3D PDF. Users can select the 3D format they prefer as the internal file type stored within 3D PDF – either the PRC or U3D formats. PRC is a lightweight, highly compressible file type. Depending on the settings the user selects upon import, PRC data can be stored as either precise BREP or tessellated geometry. It can be imported as either highly compressed or uncompressed. In either case, the PRC file will be much smaller than the original native 3D CAD data. U3D data supports tessellated data only. This chart provides an overview of the currently supported 3D file types supported by 3D PDF Converter and 3D Reviewer. *Formats updated for release 3.2 of 3D PDF Converter are highlighted in green.*

3D File Formats Supported for Import

File Format	File Extension	Version	BREP	Tessellated	PMI
3DXML	3DXML	Up to 3.0	●	●	
ACIS	SAT, SAB	Up to 15		●	
Adobe 3D PDF	PDF	7, 8, 9, X	●	●	
Autodesk 3D Studio	**3DS**			●	
Autodesk Inventor	**IPT, IAM**	**Up to 2012**		●	
CADDS	_PD	Versions 4x/5 explicit	●	●	
CATIA Graphics Representation	CGR	Up to R20		●	
CoCreate	PKG, SDP, SDPC, SDW, SDWC, SDA, SDAC, SDS, SDSC, SES, BDL	V3 to V2008	●	●	
COLLADA	DAE			●	
Dassault CATIA V4	MODEL, DLV, EXP, SESSION	Up to V4.2.5	●	●	
Dassault CATIA V5	CATPRODUCT, CATPART, CATSHAPE	Up to R20	●	●	●
Industry Foundation Classes	IFC	IFC2x3 and IFC2x2		●	
IGES	IGS, IGES	5.1, 5.2, 5.3	●	●	
JT	JT	Up to 9.5	●	●	●
KMZ	KMZ			●	
Lattice XVL	XV3, XV0	P-XVL	●	●	
Parasolid	X_T, X_B	Up to 23	●	●	
PRC	PRC, PRD	All versions	●	●	●
Pro/ENGINEER	PRT, XPR, ASM, XAS, NEU	V18.0 to Wildfire 5.0	●	●	●
I-DEAS	MF1, ARC, UNV, PKG	Up to 13.x, NX 5, NX 6	●	●	
Siemens NX	PRT	Up to NX 7.5	●	●	●
Solid Edge	**ASM, PAR, PWD, PSM**	V19, V20, ST2, **ST3**	●	●	
SolidWorks	SLDASM, SLDPRT, SLDLFP, ASM	Up to 2011	●	●	
STEP Exchange	STP, STEP	AP 203 E1/E2, AP 214	●	●	●
Stereolithography (STL)	STL			●	
Universal 3D	U3D	ECMA 1, ECMA 3		●	
VDA-FS	VDA	V1.0, V2.0	●	●	
VRML	WRL, VRML	V1.0, V2.0		●	
Wavefront Object	OBJ	Mesh only		●	

3D File Formats Supported for Export

3D PDF Converter and 3D Reviewer support exporting to the following neutral file formats directly from a 3D PDF document. To export to a BREP format, the encapsulated 3D data must be in the PRC BREP format.

File Format	File Extension	3D PDF Converter	3D Reviewer
STEP	STP, STEP	●	●
IGES	IGS, IGES	●	●
Stereolithography (STL)	STL	●	●
Parasolid	X_T, X_B	●	●

Supported 2D File Formats*

File Format	File Extension	Version	3D PDF Converter	3D Reviewer
AutoCAD*	DWG	12, 13, 14, 2000-2011	●	
Autodesk DWF*	DWF	12, 13, 14, 2000-2011	●	
Autodesk DXF*	DXF	13, 14, 2000-2011	●	●
CATIA V5 Drawings	CATDRAWING	Up to R19		●
HP Graphics Library	HP, HGL, HPL, HPGL, PLT			●
PostScript	PS			●
Siemens NX - 2D	PRT	Up to NX 6		●

*Supported natively by Adobe Acrobat X Pro.