

Supported Formats of the 3DViewStation product family

Import 3D

Supported 3D File Formats	File Extension	Format Version	Desktop				WebViewer	
			2D basic	2D advanced	3D all importers	3D export	WebViewer	2D advanced
3D-PDF	PDF	PRC, U3D			●		●	
3DViewStation	3DVS, VSXML				●		●	
ACIS	SAT, SAB	Up to 2019			●		●	
Autodesk 3DS	3DS				●		●	
Autodesk Design Web Format	DWF, DWFx				●		●	
Autodesk Inventor	IPT, IAM	Up to 2020			●		●	
CATIA V4	MODEL, DLV, EXP, SESSION	Up to V4.2.5			●		●	
CATIA V5	CATPRODUCT, CATPART, CATShape, CGR, 3DXML	Up to V5-6 R2019 (R29)			●		●	
CATIA V6	3DXML	Up to V5-6 R2019 (R29)			●		●	
COLLADA	DAE				●		●	
CPIXML	CPIXML				●		●	
Creo (Pro/E)	PRT, XPR, ASM, XAS, NEU	Pro/Engineer 19.0 to Creo 6.0			●		●	
Filmbox	FBX	ASCII: from 7100 to 7400; Binary: all			●		●	
GL Transmission Format	GLTF, GLB	Version 2.0 only			●		●	
HiCAD	KRA, SZA				●		●	

Information as per November 12th 2019, valid for the latest build, subject to change without notice at any time

Supported 3D File Formats	File Extension	Format Version	Desktop				WebViewer	
			2D basic	2D advanced	3D all importers	3D export	WebViewer	2D advanced
I-deas	MF1, ARC, UNV, PKG	Up to 13.x (NX 5), NX I-deas 6			●		●	
IGES	IGS, IGES	5.1, 5.2, 5.3			●		●	
Industry Foundation Classes	IFC	IFC 2x2, 2x3, 2x4			●		●	
JTOpen	JT	Up to 10.2			●		●	
LIDAR Point Cloud Data File ¹	E57				●		●	
NX (Unigraphics)	PRT	UG v11.0 to v1847			●		●	
Parasolid	X_T, X_B	Up to v31.1			●		●	
PLMXML	PLMXML				●		●	
PRC	PRC				●		●	
Autodesk Revit ²	RVT, RFA	2015 to 2019			●		●	
Rhino3D	3DM	4, 5, 6			●		●	
Solid Edge	ASM, PAR, PWD, PSM	V19 - 20, ST - ST10, 2019			●		●	
SolidWorks	SLDASM, SLDPRT	From 97 up to 2019			●		●	
STEP Exchange	STP, STEP, STPZ	AP 203 E1/E2, AP 214, AP 242			●		●	
STEP/XML	STPX, STPXZ				●		●	
Stereo Lithography	STL	All versions			●		●	
Universal 3D	U3D	ECMA-363 (1-3. edition)			●		●	
VDA-FS	VDA	V1.0, V2.0			●		●	

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			Desktop				WebViewer	
Supported 3D File Formats	File Extension	Format Version	2D basic	2D advanced	3D all importers	3D export	WebViewer	2D advanced
VRML	WRL, VRML	V1.0, V2.0			●		●	
Wavefront OBJ	OBJ				●		●	

¹ Provided on “As is” basis: KISTERS will neither support nor maintain these importers/exporters. Might be dropped at any time without notice. Includes also i.e. CADDs, Calcomp, KMZ, Lattice XVL, Photoshop (Preview), OneSpace Designer (M16, 2008).

² Only supported for 64 bit Windows operating system.

Import 2D

			Desktop				WebViewer	
Supported 2D File Formats	File Extension	Format Version	2D basic	2D advanced	3D all importers	3D export	WebViewer	2D advanced
2D-PDF	PDF		●		●		●	
Autodesk Design Web Format	DWF		●		●		●	
Autodesk Drawing	DWG	Up to AC1027	●		●		●	
Autodesk Drawing Exchange Format	DXF		●		●		●	
CALS	MIL		●		●		●	
Catia V4 Drawing	MODEL, DLV, EXP	4.15 to 4.24		●				●
Catia V5 Drawing	CATDrawing	R10 to R29 (V5-6R2019)		●				●
Catia V6 Drawing	3DXML	R2010x to R2019x		●				●

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			Desktop				WebViewer	
Supported 2D File Formats	File Extension	Format Version	2D basic	2D advanced	3D all importers	3D export	WebViewer	2D advanced
Computer Graphics Metafile	CGM		●		●		●	
Creo / ProE Drawing	DRW	ProE 2000i to Creo 6.0		●				●
Gerber	GER		●		●		●	
Graphics Interchange Format	GIF		●		●		●	
HPGL	PLT		●		●		●	
HPGL/2	PLT		●		●		●	
JPEG	JPEG, JPG		●		●		●	
JPEG2000	JP2		●		●		●	
Microsoft Excel	XLS, XLSX		●		●		●	
Microsoft Powerpoint	PPT, PPTX		●		●		●	
Microsoft Word	DOC, DOCX		●		●		●	
MicroStation	DGN		●		●		●	
NX Drawing	PRT	NX to NX 1872 Series until 1884		●				●
Open Office	ODG, ODP, ODS, ODT		●		●		●	
Portable Network Graphics	PNG		●		●		●	
SolidEdge Drawings	DFT	ST1 to ST10, 2019		●				●
Solidworks Drawing	SLDDRW	2004 to 2019		●				●
Tagged Image File Format	TIF, TIFF		●		●		●	

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Supported 2D File Formats	File Extension	Format Version	Desktop				WebViewer	
			2D basic	2D advanced	3D all importers	3D export	WebViewer	2D advanced
Windows Bitmap	BMP		●		●		●	
WebP	WEBP		●		●		●	

Export 3D

Supported 3D File Formats	File Extension	Format Version	Desktop				WebViewer	
			2D basic	2D advanced	3D all importers	3D export	WebViewer	2D advanced
3D-PDF	PDF	PRC				●	●	
3D Manufacturing Format	3MF	1.2.1				●	●	
3DViewStation	3DVS, VSXML				●	●	●	
ACIS	SAT, SAB	5.0				●	●	
Filmbox	FBX					●	●	
Industry Foundation Classes ¹	IFC					●	●	
IGES	IGS, IGES	5.1				●	●	
JTOpen	JT	9.5				●	●	
Parasolid	X_T	Up to 23				●	●	
PRC	PRC					●	●	
STEP Exchange	STP, STEP	AP 203 E1/E2, AP 214, AP 242				●	●	

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Supported 3D File Formats	File Extension	Format Version	Desktop				WebViewer	
			2D basic	2D advanced	3D all importers	3D export	WebViewer	2D advanced
Stereo Lithography	STL					●	●	
VRML	WRL, VRML	V2.0				●	●	

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Export 2D

Supported 2D File Formats	File Extension	Desktop			WebViewer	
		2D basic	2D advanced	3D all importers	WebViewer	2D advanced
2D-PDF	PDF	●	●	●	●	●
3DViewStation	3DVS	●	●	●	●	●
Autodesk Drawing Exchange Format ³	DXF	●	●	●	●	●
Computer Graphics Metafile ³	CGM	●	●	●	●	●
JPEG	JPG	●	●	●	●	●
Portable Network Graphics	PNG	●	●	●	●	●
Scalable Vector Graphics ³	SVG	●	●	●	●	●
Windows Bitmap	BMP	●	●	●	●	●

³ Only supported for 3D models.