Supported Formats of the 3DViewStation product family

Information as per August 11th, 2021, valid for the latest build, subject to change without notice at any time

Import 3D

			Desktop	WebViewer
Supported 3D File Formats	File Extension	Format Version	3D all importers	3D all importers
3D-PDF	PDF	PRC, U3D	●	●
3DViewStation	3DVS, VSXML		●	●
3D Manufacturing Format	3MF	1.2.3	●	●
ACIS	SAT, SAB	Up to 2020	●	●
Autodesk 3DS	3DS		●	●
Autodesk Design Web Format	DWF, DWFX		●	●
Autodesk Inventor	IPT, IAM	Up to 2022	●	●
CATIA V4	MODEL, DLV, EXP, SESSION	Up to V4.2.5	●	●
CATIA V5	CATPRODUCT, CATPART, CATShape, CGR	Up to V5-6 R2021 (R31)	●	●
CATIA V6 / 3DExperience	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 8.0	●	●
Filmbox	FBX	ASCII: all ; Binary: all	●	●
GL Transmission Format	GLTF, GLB	Version 2.0 only	●	●
I-deas	MF1, ARC, UNV, PKG	Up to 13.x (NX 5), NX I-deas 6	●	●

Supported 3D File Formats	File Extension	Format Version	Desktop 3D all importers	WebViewer 3D all importers
IGES	IGS, IGES	5.1, 5.2, 5.3	●	●
Industry Foundation Classes	IFC	IFC 2x2, 2x3, 2x4	●	●
JTOpen	JT	Up to 10.5	●	●
LIDAR Point Cloud Data File[1]	E57		●	●
MineCraft[2]	NBT		●	●
NX (Unigraphics)	PRT	UG v11.0 to v1980	●	●
Parasolid	X_T, X_B	Up to v33.1	●	●
PLMXML	PLMXML		●	●
PRC	PRC		●	●
Autodesk Revit	RVT, RFA	2015 to 2021	●	●
Rhino3D	3DM	4 - 7	●	●
Solid Edge	ASM, PAR, PWD, PSM	V19 – 20, ST – ST10, 2021	●	●
SolidWorks	SLDASM, SLDPRT	From 97 up to 2021	●	●
STEP Exchange	STP, STEP, STPZ	AP 203 E1/E2, AP 214, AP 242	●	●
STEP/XML	STPX, STPXZ		●	●
Stereo Lithography	STL		●	●
Universal 3D	U3D	ECMA-363 (1-3. edition)	●	●
VDA-FS	VDA	V1.0, V2.0	●	●
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 NBT files, which were created with 3DViewStation

Import 2D

			Desktop			WebViewer	
Supported 2D File Formats	**File Extension**	**Format Version**	**2D basic**	**2D advanced**	**3D all importers**	**2D advanced**	**3D all importers**
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 R31 (V5-6R2021)		●		●	
Catia V6 Drawing	3DXML	R2010x to R2021x		●		●	
Computer Graphics Metafile	CGM		●		●		●
Creo / ProE Drawing	DRW	ProE 2000i to Creo 8.0		●		●	
Gerber	GER		●		●		●
Graphics Interchange Format	GIF		●		●		●
HPGL	PLT		●		●		●
HPGL/2	PLT		●		●		●
JPEG	JPEG, JPG		●		●		●
JPEG2000	JP2		●		●		●
Microsoft Excel	XLS, XLSX		●		●		●

			Desktop			WebViewer	
Supported 2D File Formats	**File Extension**	**Format Version**	**2D basic**	**2D advanced**	**3D all importers**	**2D advanced**	**3D all importers**
Microsoft Powerpoint	PPT, PPTX		●		●		●
Microsoft Word	DOC, DOCX		●		●		●
MicroStation	DGN		●		●		●
NX Drawing	PRT	NX to NX 1872 Series until 1973		●		●	
Open Office	ODG, ODP, ODS, ODT		●		●		●
Portable Network Graphics	PNG		●		●		●
SolidEdge Drawings	DFT	ST1 to 2021		●		●	
Solidworks Drawing	SLDDRW	2004 to 2021		●		●	
Scalable Vector Graphics	SVG		●		●		●
Tagged Image File Format	TIF, TIFF		●		●		●
Windows Bitmap	BMP		●		●		●
WebP	WEBP		●		●		●

Export 3D

			Desktop		WebViewer	
Supported 3D File Formats	**File Extension**	**Format Version**	**3D all importers**	**3D export**	**3D all importers**	**3D export**
3D-PDF	PDF	PRC		●		●
3D Manufacturing Format	3MF	1.2.3		●		●
3DViewStation	3DVS, VSXML		●	●	●	●

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Supported 3D File Formats	File Extension	Format Version	Desktop		WebViewer	
			3D all importers	3D export	3D all importers	3D export
ACIS	SAT, SAB	5.0		●		●
Filmbox	FBX	Binary 7.5		●		●
GL Transmission Format	GLTF, GLB	Version 2.0		●		●
Industry Foundation Classes[1]	IFC			●		●
IGES	IGS, IGES	5.1		●		●
JTOpen	JT	8.1, 9.5, 10.0		●		●
MineCraft[1]	NBT		●	●	●	●
Parasolid	X_T	12.1		●		●
PRC	PRC			●		●
STEP Exchange	STP, STEP	AP 203 E2, AP 214 E1, AP 242 E1		●		●
Stereo Lithography	STL			●		●
Universal 3D	U3D	ECMA-363 (1st and 3rd editions)				
VRML	WRL, VRML	V2.0		●		●
Wavefront OBJ	OBJ			●		●

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Export 2D

| Supported 2D File Formats | File Extension | Desktop | | | WebViewer | |
		2D basic	2D advanced	3D all importers	2D advanced	3D all importers
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.

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