

## Supported Formats of the 3DViewStation product family

Information as per September 7<sup>th</sup>, 2023, valid for the latest build, subject to change without notice at any time

### Import 3D

			Desktop	WebView
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 2023	●	●
Autodesk 3DStudio	3DS		●	●
Autodesk AutoCAD Drawing	DWG	Up to AC1027	●	●
Autodesk AutoCAD Drawing Interchange Format	DXF		●	●
Autodesk Design Web Format	DWF, DWFX		●	●
Autodesk Inventor	IPT, IAM	Up to 2024	●	●
Autodesk Navisworks	NWD	2012 to 2024	●	●
Autodesk Revit	RVT, RFA	2015 to 2023	●	●
AVEVA RVM <sup>1</sup>	RVM		●	●
CATIA V4	MODEL, DLV, EXP, SESSION	Up to V4.2.5	●	●
CATIA V5	CATProduct, CATPart, CATShape, CGR	Up to V5-6 R2023 (R33)	●	●
CATIA V6 / 3DEXperience	3DXML	Up to V5-6 R2019 (R29)	●	●

			Desktop	WebViewer
Supported 3D File Formats	File Extension	Format Version	3D all importers	3D all importers
COLLADA	DAE		●	●
CPIXML	CPIXML		●	●
Creo (Pro/E)	PRT, XPR, ASM, XAS, NEU	Pro/Engineer 19.0 to Creo 10.0	●	●
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	●	●
IGES	IGS, IGES	5.1, 5.2, 5.3	●	●
Industry Foundation Classes	IFC	IFC 2x2, 2x3, 2x4	●	●
JTOpen	JT	Up to v10.6	●	●
LIDAR Point Cloud Data File <sup>1</sup>	E57		●	●
MineCraft <sup>2</sup>	NBT		●	●
NX (Unigraphics)	PRT	UG11 to UG18, UG NX, NX5 to NX12, NX1847 to NX2212	●	●
Parasolid	X_T, X_B, XMT, XMT_TXT	Up to v35.1	●	●
PLMXML	PLMXML		●	●
PRC	PRC		●	●
Rhino3D	3DM	4 to 7	●	●
Solid Edge	ASM, PAR, PWD, PSM	V1 to 20, ST1 - ST10, 2019 - 2023	●	●
SolidWorks	SLDASM, SLDPRT	From 97 up to 2023	●	●

			Desktop	WebView
Supported 3D File Formats	File Extension	Format Version	3D all importers	3D all importers
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)	●	●
USD <sup>1</sup>	USD		●	●
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.

2) Only NBT files, which were created with 3DViewStation

## Import 2D

			Desktop			WebView	
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, DWFx		●		●		●
Autodesk Drawing AutoCAD	DWG	Up to AC1027	●		●		●
Autodesk Drawing Format AutoCAD Interchange	DXF		●		●		●

			Desktop			WebViewer	
Supported 2D File Formats	File Extension	Format Version	2D basic	2D advanced	3D all importers	2D advanced	3D all importers
Bentley Microstation <sup>1</sup>	DGN		●		●		●
CALS	MIL	Type 1	●		●		●
Catia V4 Drawing	MODEL, DLV, EXP	4.15 to 4.24		●		●	
Catia V5 Drawing	CATDrawing	R10 to R32 (V5-6R2022)		●		●	
Catia V6 Drawing	3DXML	R2010x to R2023x		●		●	
Computer Graphics Metafile	CGM		●		●		●
Creo / ProE Drawing	DRW	ProE 2000i to Creo 9.0		●		●	
Gerber	GER	RS-274D, RS-274X, X2	●		●		●
Graphics Interchange Format	GIF		●		●		●
HP-GL	PLT	incl. HP-GL/2, KIPGL, HP-RTL	●		●		●
JPEG	JPEG, JPG		●		●		●
JPEG2000	JP2		●		●		●
Microsoft Excel	XLS, XLSX		●		●		●
Microsoft Powerpoint	PPT, PPTX		●		●		●
Microsoft Word	DOC, DOCX		●		●		●
NX Drawing	PRT	NX to NX 1872 Series until 2212.7000		●		●	
Open Office <sup>1</sup>	ODG, ODP, ODS, ODT		●		●		●
Portable Network Graphics	PNG		●		●		●
SolidEdge Drawings	DFT	ST1 to 2023		●		●	

			Desktop			WebViewer	
Supported 2D File Formats	File Extension	Format Version	2D basic	2D advanced	3D all importers	2D advanced	3D all importers
Solidworks Drawing	SLDDRW	2004 to 2023		●		●	
Scalable Vector Graphics	SVG		●		●		●
Tagged Image File Format	TIF, TIFF		●		●		●
Windows Bitmap	BMP		●		●		●
WebP	WEBP		●		●		●

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. Calcomp, EDMICS, Intergraph, Photoshop (Preview), Excellon, HEIC.

## 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		●	●	●	●
ACIS	SAT, SAB	5.0		●		●
Filmbox	FBX	Binary 7.5		●		●
GL Transmission Format	GLTF, GLB	Version 2.0		●		●
Industry Foundation Classes <sup>1</sup>	IFC			●		●
IGES	IGS, IGES	5.1		●		●
JTOpen	JT	8.1, 9.5, 10.0		●		●

Supported 3D File Formats	File Extension	Format Version	Desktop		WebViewer	
			3D all importers	3D export	3D all importers	3D export
MineCraft <sup>1</sup>	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			●		●

1) Provided on "As is" basis: KISTERS will neither support nor maintain these exporters. Might be dropped at any time without notice.

## 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 <sup>3</sup>	DXF	●	●	●	●	●
Computer Graphics Metafile <sup>3</sup>	CGM	●	●	●	●	●
JPEG	JPG	●	●	●	●	●
Portable Network Graphics	PNG	●	●	●	●	●

		Desktop			WebViewer	
Supported 2D File Formats	File Extension	2D basic	2D advanced	3D all importers	2D advanced	3D all importers
Scalable Vector Graphics <sup>3</sup>	SVG	●	●	●	●	●
Windows Bitmap	BMP	●	●	●	●	●
Windows Metafile	WMF	●	●	●	●	●

3) Only supported for 3D models.