

## Unterstützte Formate der 3DViewStation-Produktfamilie

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	WebView
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 AutoCAD Interchange Format	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			WebView	
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.