



Interfaces List

Last update: 13.04.2021

Interface / Format	Reading						Writing					
	Version	Facet Triangle	BREP	Features	Asm	GD&T	Version	Facet Triangle	BREP	Features	Asm	GD&T
3DM : OpenNurbs – Rhino (.3dm)	6	✓	✓	-	-	-	3		✓	-	-	-
ASC : Medusa 3D (.asc)	-	✓		-	-	-				-	-	-
CADDs explicit parts & CAMU (_pd_ps)	4 & 5		✓		✓		4 & 5		✓			
CATIA V4 (.model, .dlv, .exp, session)	All 4.xx	✓	✓	✓	✓		All 4.xx	✓	✓		✓	
CATIA V5 (.CATPart, .CATProduct, .cgr)	R10 → R31	✓	✓	✓	✓	✓	R18		✓		✓	
CATIA V6 (.3Dxml)	2011 → 2013X	✓	✓	✓	✓	✓						
3D Experience (.3Dxml)	2014 → 2020X	✓	✓	✓	✓	✓						
E3I : Matra EUCLID 3 (.e3i)	3.2	✓	✓		✓	-						-
EDX : Straessle EUKLID (.edx)	-	✓	✓	-	-	-	-	✓	✓	-	-	-
GLTF (.gltf, .glb)	2	✓	-	-	✓	-	2	✓	-	-	✓	-
I-DEAS (.arc, .unv)	All → NX5	✓	✓	✓	✓							
IFC (.ifc)	IFC2X3	✓	✓		✓							
IGES (.igs)	5.2 & 5.3		✓	-		-	5.2 & 5.3		✓	-		-
Inventor (.ipt, .iam)	All → 2021		✓		✓							
JT (.jt)	7.0 → 10.5	✓	✓	-	✓	✓	8.1	✓	-	-	✓	✓
NAS (Nastran)	-	✓		-		-				-		-
Pro/Engineer part files (.prt, .asm)	13 → Creo 7	✓ up to Creo 2	✓	✓	✓	✓						
Pro/Engineer neutral files (.neu)	13 → WF5	✓	✓	-	✓	-				-		-
ROBCAD (.rf)	-	✓	✓	-	✓	-	-	✓	✓	-	✓	-
SAT : ACIS (.sat)	All → R27	-	✓	-	✓	-	All → R19	-	✓	-	✓	-
Solidedge (.par, .asm, .psm)	All → 2020		✓		✓							
Solidworks (.sldprt, .sldasm)	99 → 2021		✓	✓	✓	✓						
STEP (.stp)	203/214/242	✓	✓		✓		214	✓	✓		✓	
STL (binary, ascii)	-	✓	-	-	-	-	-	✓	-	-	-	-
XT Format (.x_t)	All → 32	-	✓	-	✓	-	9	-	✓	-	✓	-
NX / Unigraphics (.prt)	11 → CR 1957		✓	✓	✓	✓	5		✓		✓	
VDA (.vda)	-	-	✓	-	-	-	-	-	✓	-	-	-
VRML (.wrl)	97	✓	✓	-	✓	-	97	✓	✓	-	✓	-

- ✓ : Available
- ✓ : Development in progress
- : Not available in format