

SpaceClaim 2010 Supported Import & Export Operations

Operation	File type (EXTENSION)	Supported versions	Supported actions	SpaceClaim Product/Module					
				Style	Engineer	DX I	DX II	Catia V5	JT Open
Import	VDA-FS (VDA)	1.0 & 2.0	Open and insert parts			√			
	ProE (PRT, ASM)	Pro/E 16 to Pro/E Wildfire 4	Open and insert parts and assemblies ⁷			√			
	Inventor (IPT, IAM)	Version 6 to Version 10	Open and insert parts			√			
	Catia (MODEL, EXP CATPart, CATProduct, CGR)	V4 4.1.9 to 4.2.4	Open and insert parts and assemblies			√			
		V5 R2 to R19	Open and insert parts and assemblies ^{2, 5}					√	
	JT Open (JT)	Versions 6.4, 7.0, 8.0, 8.1, 8.2, 9.0	Open and insert parts and assemblies						√
	Solidworks (SLDPRT, SLDASM)	SW 98 to SW 2009	Open and insert parts and assemblies				√		
	NX (PRT)	NX1 to NX6 & UG v11 to 18	Open and insert parts and assemblies				√		
	Parasolid (X_T, X_B, XMT_TXT, XMT_BIN)	V10.0 to V22	Open and insert parts and assemblies				√		
	ECAD (IDF, EMN)	IDF 3.0 and IDF 4.0	Open IDF and PADS files		√				
	Rhino (3DM)	V4.0	Open and insert parts and assemblies	√	√				
	ACIS (SAT, SAB)	Up to v21	Open and insert parts and assemblies	√	√				
	STEP (STP, STEP)	AP203, AP214 (geometry)	Open and insert parts and assemblies	√	√				
	IGES (IGS, IGES)	Up to v5.3	Open and insert parts and assemblies	√	√				
	Acrobat (PDF)	Geometry(PRC B-Rep)	Open and insert parts and assemblies ³	√	√				
	STL	Facets only(Lightweight)	Open and insert parts and assemblies	√	√				
	AutoCAD (DWG, DXF)	R12 to 14, 2000, 2004, 2007, 2010 Includes Polyface Meshes	Open and insert modelspace entities ⁴	√	√				
	SketchUp	Up to SketchUp7	Open and insert parts and assemblies	√	√				
	Image (BMP, JPG, PNG, TIF, GIF)		Insert images	√	√				
Video (WMV, AVI)		Insert video	√	√					
Export	VDA-FS (VDA)	2.0	Export parts			√			
	Parasolid (X_T, X_B)	V12 to V22(V17 default)	Export parts and assemblies				√		
	Catia V4		Export parts and assemblies					n/a	
	Catia V5 (CATPart, CATProduct)	R6 to R19 (R17 default)	Export parts and assemblies					√	
	JT Open (JT)	V8.0	Export parts and assemblies						√
	Rhino (3DM)	V4.0	Export parts and assemblies	√	√				
	ACIS (SAT, SAB)	V6, 7, 15-21 (V21 default)	Export parts and assemblies ⁵	√	√				
	STEP (STP, STEP)	AP203, AP214 (geometry)	Export parts and assemblies	√	√				
	IGES (IGS, IGES)	v5.3, JAMA-IS, Types: 186,144,143	Export parts and assemblies	√	√				
	Acrobat (PDF)	Facets and Geometry(PRC B-Rep)	Export parts and assemblies ³	√	√				
	AutoCAD (DWG, DXF)	R12 to 14, 2000, 2004, 2007, 2010	Export as 2D snapshot	√	√				
	Wavefront (OBJ)		Export parts and assemblies	√	√				
	STL		Export parts and assemblies	√	√				
	SketchUp	SketchUp6	Export parts and assemblies	√	√				
	KeyShot (BIP)		Export parts and assemblies	√	√				
	VRML (WRL)		Export parts and assemblies	√	√				
	XAML		Export part and assembly solids only	√	√				
	PowerPoint (PPT)		Export 3D markup slides	√	√				
	XPS		Export 3D markup slides	√	√				
Image (GIF, JPG, PNG, BMP, TIF)		Export as 2D snapshot	√	√					

Notes: SpaceClaim trial version is equivalent to 32-bit SpaceClaim Engineer with all modules

SpaceClaim Style does not have access to modules, the Prepare tab, drawing formats or the ANSYS Add-In

¹ SpaceClaim Home Edition is issued free of charge with SpaceClaim Engineer and is watermarked with 'Restricted License: Home Use Only'

² Including Product Manufacturing Information (PMI) placed on the Imported Annotation Planes

³ Adobe Acrobat 9 Pro Extended required for BREP import and export, 32-bit platforms only

⁴ ACIS bodies can be imported using the RealDWG option, Sketch curves and text can be imported into Designs, 2D entities can be inserted to Drawing Formats, Polyface meshes can be imported

⁵ Assemblies are flattened