

Compare product editions

	CorelDRAW Technical Suite XVL Studio Corel Edition	CorelDRAW Technical Suite 3D CAD XVL Studio 3D CAD Corel Edition
Features		
Open and import 3D files from 3DStudio (3DS), U3D (Adobe PDF) and VRML		
DXF and DWG file support		
IGES file format support		ADVANCED!
Open/import 3D PDF files for editing		
Open and import native 3D CAD files (including CATIA, PTC Creo, NX, Inventor, SolidWorks and other formats)		
STEP, ParaSolid, JT support		
Save 3D views and component positions as snapshots		
Cross sections		
3D animation tools		
Advanced process animation capabilities to generate step-by-step instructions		
ENHANCED! Assembly evaluation tools		
3D measurement tools		
ENHANCED! Automated update functionality for modified 3D CAD source files		
ENHANCED! Vector illustration output with direct connection to Corel DESIGNER™ for technical illustration		ADVANCED!
Thick/thin line output in vector illustration (Advanced includes customizable settings)		ADVANCED!
ENHANCED! Combined vector illustration and shaded view (bitmap rendering) output		
ENHANCED! Output multiple snapshots as vector illustrations at once		
Vector illustration output with direct connection to CorelDRAW® for creative design		
Shaded view (bitmap rendering) output with direct connection to Corel PHOTO-PAINT™ for photo editing		
3D output (IGES, U3D, VRML and more)		
3D PDF output, including animations		
Enhanced 3D visualization tools add-on options with CorelDRAW Technical Suite 3D CAD:		*
Advanced 3D PDF output options with the "Process PDF Template" option for CorelDRAW Technical Suite 3D CAD		OPTIONAL*
"Electrical Routing" option to add accurate electrical routing (including wires, cables, harnesses and connectors) in 3D		OPTIONAL*
CAD system / 3D model file formats supported		
3D XML (.3dxml)		V5-6R2018 – V5-6R2019 (CATIA V5), V5-6R2018 – V5-6R2019 (CATIA V6)
Autodesk Inventor (.ipt, .iam)		V5-6R2018 – V5-6R2019 (CATIA V5), V5-6R2018 – V5-6R2019 (CATIA V6)
CATIA Graphical Representation (.cgr)		

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		V5-6R2021 – V5-6R2023
CATIA V4 (.model, .session, .dlv, .exp)		4.2.5
CATIA V5 (.CATProduct, .CATPart)		V5-6R2021 – V5-6R2023
NX I-deas (.mf1, .arc, .unv, .pkg)		NX I-deas 6
Industry Foundation Classes (.ifc)		IFC2x Editions 2, 3, 4
JT (.jt)		6.4 - 10.9
NX, Siemens PLM Solutions (.prt)		NX2306
Parasolid (.x_t, .x_b)		Up to v35.1
PRC (.prc)		All versions
Creo Parametric (.asm, .neu, .prt, .xas, .xpr)		10
Solid Edge (.asm, .par, .pwd, .psm)		2023
SOLIDWORKS (.sldasm, .sldprt)		2022, 2023
STEP (.stp, .step)		AP 203 E1/E2, AP 214, AP242
3D Studio Scene, 3DS (.3ds)	Polygon models only	Polygon models only
AutoCAD DWG (.dwg)	Polygon models only	Polygon models only
DXF (.dxf)	Polygon models only	Polygon models only
OBJ (.obj)		
Stereolithography file (.stl)		
Universal 3D (.u3d)	ECMA-363 (1st, 2nd & 3rd editions)	ECMA-363 (1st, 2nd & 3rd editions)
Virtual Reality Model language, VRML2 (.wrl)		
IGES (.igs, .iges)	5.1, 5.2, 5.3	5.1, 5.2, 5.3

* XVL Studio add-on options can be licensed separately to access additional functionality within CorelDRAW Technical Suite 3D CAD. For more information, please contact a Corel Sales representative.