

Compare product editions

	CoreIDRAW Technical Suite XVL Studio Corel Edition	CoreIDRAW Technical Suite 3D CAD XVL Studio 3D CAD Corel Edition
Features		
Improved vector fill accuracy for 3D-to-2D workflows		✓
Updated! 3D CAD import support		✓
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 CoreIDRAW for creative design	✓	✓
Shaded view (bitmap rendering) output with direct connection to Corel PHOTO-PAINT™ for photo editing	✓	✓
S1000D color palette in XVL Studio	✓	✓
S1000D illustration output preset		✓
3D output (IGES, U3D, VRML and more)		✓
3D PDF output, including animations		✓
Enhanced 3D visualization tools add-on options with CoreIDRAW Technical Suite 3D CAD:		* ✓
Advanced 3D PDF output options with the “Process PDF Template” option for CoreIDRAW 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		

	CorelDRAW Technical Suite XVL Studio Corel Edition	CorelDRAW Technical Suite 3D CAD XVL Studio 3D CAD Corel Edition
3D XML (.3dxml)		✓ V5-6R2023 - V5-6R2025
Autodesk Inventor (.ipt, .iam)		✓ 2025, 2026
CATIA Graphical Representation (.cgr)		✓ V5-6R2023 - V5-6R2025
CATIA V4 (.model, .session, .dlv, .exp)		✓ 4.2.5
CATIA V5 (.CATProduct, .CATPart)		✓ V5-6R2023 - V5-6R2025
Creo Parametric (.asm, .neu, .prt, .xas, .xpr)		11.0, 12.4
Industry Foundation Classes (.ifc)		✓ IFC2x Editions 2, 3, 4
JT (.jt)		✓ 6.4 - 10.9
NX I-deas (.mf1, .arc, .unv, .pkg)		✓ NX I-deas 6
NX, Siemens PLM Solutions (.prt)		✓ NX2412, NX2506
Parasolid (.x_t, .x_b)		✓ Up to v38
PRC (.prc)		✓ All versions
Solid Edge (.asm, .par, .pwd, .psm)		✓ 2024, 2025
SOLIDWORKS (.sldasm, .sldprt)		✓ 2024, 2025
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	✓ Up to AutoCAD 2026 (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.