



Lattice3D Studio Corel Edition vs. Lattice3D Studio CAD Corel Edition

CorelDRAW® Technical Suite X7 makes it easy to integrate 3D views and models in your technical illustrations. **Lattice3D Studio Corel Edition**, included with the suite, gives you fundamental 3D visualization tools to import 3D views, insert and embed 3D models, and more.

For more powerful 3D CAD repurposing capabilities, the **Lattice3D Studio CAD Corel Edition Add-On*** lets you perform more advanced 3D CAD visualization authoring, provides an automated update process, and gives you native 3D CAD and 3D exchange file format support.

Find out more about **Lattice3D Studio** and **Lattice3D Studio CAD**, and decide which tool is right for your technical communication needs.



Features	Lattice3D Studio Corel Edition	Lattice3D Studio CAD Corel Edition*
	Included with CorelDRAW® Technical Suite X7	Add-on to CorelDRAW® Technical Suite X7
Cross sections	✓	✓
3D animation tools		✓
Advanced process animation capabilities to generate step-by-step instructions		✓
Assembly evaluation tools		✓
3D measurement tools		✓
Save 3D views and component positions as snapshots	✓	✓
DXF and DWG file support	✓	✓
Open and import 3D files from 3DStudio (3DS), U3D (Adobe PDF) and VRML	✓	✓
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, IGES, ParaSolid, JT support†		✓
Automated update functionality for modified 3D CAD source files		✓ NEW!
Vector illustration output with direct connection to Corel DESIGNER®	✓	✓ ADVANCED!
Thick/thin line output in vector illustration (Advanced includes customizable settings)	✓	✓ ADVANCED!
Bitmap rendering output with direct connection to Corel® PHOTO-PAINT™	✓	✓
3D output (IGES, U3D and more)		✓
3D PDF output, including animations		✓ NEW!

*Requires an additional purchase

†For more details on supported 3D file formats and versions, please see matrices on the following page

3D model file formats supported with Lattice3D Studio Corel Edition

Included with
CorelDRAW® Technical Suite X7

3D File Format	File Extension	Supported Versions
3D Studio Scene	3ds	Polygon models only
AutoCAD DWG	dwg	Polygon models only
DXF	dxf	Polygon models only
OBJ	obj	
Stereolithography file	stl	
Universal 3D	u3d	ECMA-363 (1st, 2nd & 3rd editions)
Virtual Reality Model language (VRML2)	wrl	

3D CAD file formats supported with Lattice3D Studio CAD Corel Edition

Add-on to
CorelDRAW® Technical Suite X7

3D CAD System / File Format	File Extension	Supported Versions
3D XML	3dxml	2011 - 2013
Autodesk Inventor	ipt, iam	2015, 2016
CATIA Graphical Representation	cgr	V5-6R2012 - V5-6R2015
CATIA V4	model, session, dlw, exp	Up to V4.2.5
CATIA V5	CATProduct, CATPart	V5-6R2012 - V5-6R2015
NX I-deas	mf1, arc, unv, pkg	NX I-deas 6
IGES	igs, iges	5.1, 5.2, 5.3
Industry Foundation Classes	ifc	IFC2x Editions 2, 3 & 4
JT	jt	6.4 - 10.0
NX (Siemens PLM Software)	prt	8.0, 8.5, 9.0, 10.0
Parasolid	x_t, x_b	Up to V27.0
PRC	prc	
PTC Creo Parametric (formerly Pro/ENGINEER)	asm, neu, prt, xas, xpr	WildFire 5, Creo Parametric 2.0, 3.0
Solid Edge	asm, par, pwd, psm	ST6, ST7, ST8
SolidWorks	sldasm, sldprt	2014, 2015, 2016
STEP	stp, step	AP 203 E1/E2, AP 214, AP 242