

CorelDRAW® Technical Suite X6 makes it easy to integrate 3D views and models in your technical illustrations. Included with the suite, **XVL Studio 3D Corel Edition** gives you fundamental 3D visualization tools to import 3D views, insert and embed 3D models, and more. For more powerful 3D CAD capabilities, **XVL Studio 3D CAD Corel Edition**—an add-on that requires additional purchase—lets you perform more advanced 3D CAD editing, and gives you native 3D CAD and 3D exchange file format support.



Find out more about **XVL Studio 3D** and **XVL Studio 3D CAD** and decide which tool is right for you.

| Features   | XVL Studio 3D<br>Corel Edition                 | XVL Studio 3D CAD<br>Corel Edition           |
|--|--|--|
|  | Included with<br>CorelDRAW® Technical Suite X6 | Add-on to<br>CorelDRAW® Technical Suite X6   |
| Cross sections   | ✓  | ✓  |
| 3D animation tools   |  | ✓  |
| Assembly evaluation tools  |  | ✓  |
| 3D measurement tools   |  | ✓  |
| DXF and DWG file support   | ✓  | ✓  |
| Open and import 3D files from 3DStudio (3DS), U3D (Adobe PDF) and VRML*                                      | ✓  | ✓  |
| Open and import native 3D CAD files (including CATIA, PTC Creo, NX, Inventor, SolidWorks and other formats)* |  | ✓  |
| STEP, IGES, ParaSolid, JT support*   |  | ✓  |
| Update/replace assembly functionality  |  | ✓  |
| Vector illustration output with direct connection to Corel DESIGNER®   | ✓  | ✓<br>ADVANCED!                               |
| Thick/thin line output in vector illustration  | ✓  | ✓<br>ADVANCED!<br>With customizable settings |
| Bitmap rendering output with direct connection to Corel® PHOTO-PAINT™  | ✓  | ✓  |
| 3D output (IGES, U3D and more)   |  | ✓  |
| 3D PDF publishing  |  | ✓<br>NEW!<br>July 2014 Update                |

\* For more details on supported 3D file formats and versions, please see matrices on following page.

## 3D file formats supported with XVL Studio 3D Corel Edition

Included with  
CorelDRAW® Technical Suite X6

| 3D File Format                         | File Extension | Supported Versions                 |
|--|----------------|------------------------------------|
| 3DS                                    | 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            |                                    |
| XVL®                                   | xv2, xv3, xv0  |                                    |

## 3D CAD file formats supported with XVL Studio 3D CAD Corel Edition

Add-on to  
CorelDRAW® Technical Suite X6

| 3D CAD System / File Format                 | File Extension           | Supported Versions                                      |
|---|--------------------------|---|
| 3D XML                                      | 3dxml                    | 2011 - 2013   |
| Autodesk Inventor                           | ipt, iam                 | 2013, 2014  |
| CATIA Graphical Representation              | cgr                      | R20 - V5-V6R2013 (R23)                                  |
| CATIA V4                                    | model, session, dlw, exp | Up to V4.2.5  |
| CATIA V5                                    | CATProduct, CATPart      | R20 - V5-V6R2013 (R23)                                  |
| PTC Creo Parametric (formerly Pro/ENGINEER) | asm, neu, prt, xas, xpr  | Up to WildFire 5.0,<br>Parametric 2.0, Elements/Pro 5.0 |
| NX I-deas                                   | mf1, arc, unv, pkg       | NX I-deas 6.0   |
| IGES  | igs, iges                | 5.1, 5.2, 5.3   |
| Industry Foundation Classes                 | ifc                      | IFC2x Editions 2, 3 & 4                                 |
| JT  | jt                       | Up to 9.5   |
| NX (Siemens PLM Software)                   | prt                      | Unigraphics V11.0 to NX 8.5                             |
| Parasolid                                   | x_t, x_b                 | Up to V26.0   |
| PRC   | prc                      |   |
| Solid Edge                                  | asm, par, pwd, psm       | ST5, ST6  |
| SolidWorks                                  | sldasm, sldprt           | 2012, 2013, 2014  |
| STEP  | stp, step                | AP 203 E1/E2, AP 214                                    |