

Version Compare

Free Viewer, Basic, Advanced and Premium

Function Description	FreeViewer	Basic	Advanced	Premium
3D-NativeCAD Converter CATIA V4/V5/V6, Pro/Engineer, Creo, Inventor, UG/Siemens NX, SolidWorks, SolidEdge, Rhino, STEP, IGS, VDA, SAT, Parasolid, DWG, DXF and JT files convert in the CAD file formats STEP, IGS, SAT, JT and X_T and the visualization file formats 3MF, OBJ, FBX, STL, VRML, GLTF, PRC, U3D, 3D-PDF and HTML.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3D Premium Import Premium interfaces for 3D models from CATIA V4/V5/V6 , Pro/Engineer, Creo, Autodesk Inventor, UG/Siemens NX, SolidWorks, SolidEdge, Rhino, JT, DWG, DXF, STEP, IGS, VDA, SAT, SAB, X_T, X_B, DGN, IFC, PDF, PRC, U3D, RVT, DAE, FBX, GLTF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3D-PMI Display Display of 3D Product Manufacturing Information (PMI) for native 3D models from CATIA V5/V6, Pro/Engineer, Creo, UG/Siemens NX, SolidWorks and the JT and 3DXML formats.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3D Advanced Import 3D Advanced formats: STEP, IGES, VDA, SAT and PARASOLID	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3D Basic Import 3D Basic formats: STL, VRML, 3MF, SLP, XGL, OBJ, PLY, 3DS, ASC, IV	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Import STL and 3MF files Import of 3D models in STL and 3MF format.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2D Basic Import 2D formats: DXF, DWG, HPGL and HPGL2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Load multiple files simultaneously Merge multiple 3D-models and 2D-drawings.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Load 3D-Tool EXE/DDD files Import 3D-Tool EXE and DDD files.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Program styles Different color styles of the user interface	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hide and show parts Hide and show parts, assemblies, and models.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Change the display of parts Change the color of parts and assemblies, switch them transparent, and show them in different render modes, e.g. shaded, shaded with edges, hidden lines.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cross sections Create cross sections of the model, its assemblies and parts. Save the cross section line to a DXF-file.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Assembly explode Create exploded views of the model.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Animation Combine Custom Views to animations.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Position and copy parts Move, rotate, mirror, scale, and copy parts.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Property Editor Change names, colors, and transparencies of parts and assemblies.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Placement Position and align models.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Repair Delete faces, reposition flipped faces, and connect open edges.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
RP-Layout Place models on a Rapid Prototyping System platform.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Support of 3D mouses Use 3Dconnexion 3D mouses e.g. SpaceNavigator, SpaceExplorer, SpacePilot, SpaceTraveller.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
3D-Dimensions Measure distance, angle, diameter, edge length, wall thickness, surface area, clearance, minimal box, and contour.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2D-Dimensions Measure distance, angle, line length, radius and diameter.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Model Compare Graphically highlight the differences between two models.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Tooling Analysis Display drafts, undercuts and calculate the projected area.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Wall Thickness Analysis Calculate and display the wall thicknesses of a model.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Collision Analysis Display of component collisions and too small distances.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Model Info Display the volume, the surface area, the dimensions, the weight, and the center of mass of models and parts.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Bill of Material (BOM) Create bills of material and copy them to the Clipboard.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Reports User-defined reports (BOM, model overview, dimensions, weights) and report output as PDF, RTF and HTML.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Custom Views Save any 3D or 2D view as Custom View. Custom Views contain the state and orientation of the model as well as all display settings.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Custom View Editor Change the order and the names of Custom Views.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

3D-Annotations Create 3D-notes on the model.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2D-Annotations Create redline markups (arrows, circles, sketches) in 2D drawings.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Insert pictures and text Insert text and pictures in 2D-drawings and in the background of the 3D-view.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Publish EXE and DDD files Publish 3D-models and 2D-drawings together with the 3D-Tool Viewer as directly executable EXE-files. DDD-files can be viewed using the 3D-Tool Free Viewer.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Publish 3D-PDF-files Publish models as 3D-PDF files to be viewed with the Acrobat Reader version 7.0.7 or higher.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Save as STL, VRML, PLY, 3DS, OBJ and U3D Export the models from the 3D-Tool Viewer as faceted data (MESH) into STL, VRML, PLY, 3DS, OBJ, and U3D.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Capture to Clipboard Select and copy a section of the screen to the Clipboard.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Print Print any 3D and 2D view or a combination of views.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Create PNG/BMP/JPG pictures Save any 3D or 2D view or combination of views as PNG, BMP, or JPG file.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Animation export as AVI video Export animations created with 3D-Tool as AVI video.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>