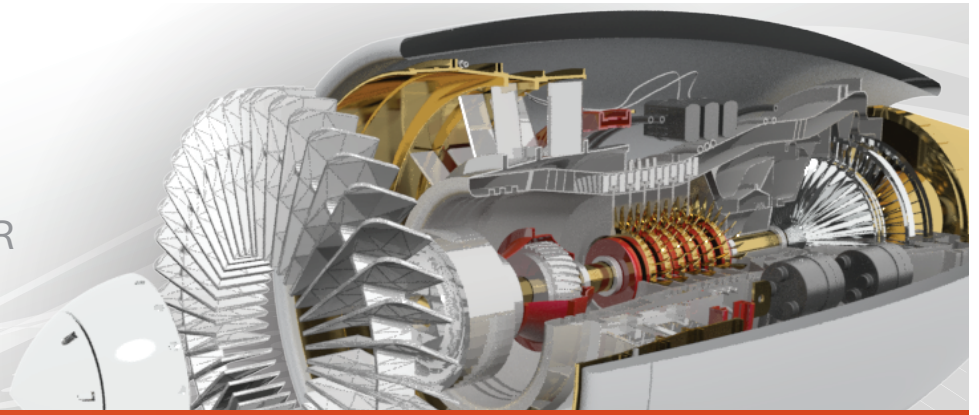




# TETRA<sup>4D</sup> CONVERTER



ADOBE'S EXCLUSIVE PROVIDER OF 3D PDF TECHNOLOGY



## CONVERT. VISUALIZE. COLLABORATE.

Tetra4D<sup>®</sup> Converter is the world's leading solution for converting native 3D CAD data into rich, interactive 3D PDF documents, including full support for accurate BREP geometry and PMI. Only Tetra4D Converter and Adobe<sup>®</sup> Acrobat<sup>®</sup> together allow you to control whether recipients of your 3D PDFs can measure, section, comment or export 3D data from both Acrobat and the free Adobe Reader<sup>®</sup>.

## KEY CAPABILITIES

### SHARE CAD DATA WITH ANYONE

No need to own or learn to use expensive 3D CAD systems. With Tetra4D Converter you can accurately convert 3D data from the latest versions of CATIA<sup>®</sup>, Pro/E, SOLIDWORKS, Inventor<sup>®</sup>, and all other major CAD applications to 3D PDF directly inside Adobe Acrobat.

### TRANSLATE CAD DATA

Export precise geometric 3D CAD data to STEP, IGES, JT, STL and Parasolid<sup>®</sup> from all major CAD formats for use in downstream applications.

### ALWAYS WORKS IN ADOBE READER

Tetra4D Converter is built using the native technology found in all Acrobat products ensuring 3D content is displayed accurately every time it is opened with Adobe Reader.

### TRANSITION FROM MBD TO MBE

Tetra4D Converter provides the tools you need to share Model Based Designs with suppliers, with full support for import of PMI data such as dimensions, tolerances, annotations and intelligent PMI view states.

### COLLABORATE WITH YOUR TEAM

Given the ubiquity of Adobe Reader, 3D PDF files can be viewed, commented on and shared by virtually anyone. Creation of views, measurements and sectioning functions make collaboration simple and efficient.

### FULL REPRESENTATION OF CAD DATA IN A COMPRESSED FILE

3D PDFs are up to 97% smaller than the original CAD model enabling easy electronic sharing.

### SECURITY OPTIONS

Ensure your intellectual property is only opened by the intended recipient with Adobe Acrobat's password security. Control access to views, and user ability to mark up and export files.



As we learned more about 3D PDF, it was clear to us that implementing a fully integrated 3D PDF solution would create more efficiency for us and our customers.

**DAVID EWING**

*Manager of Automation & Process Development, BE Aerospace<sup>®</sup>*



## 3D File Formats Supported for Import

File Format	Version**
<b>ACIS (SAT)</b>	Up to <b>2020</b>
Autodesk AutoCAD (3D only)	Up to v2019
Autodesk DWF	Any
<b>Autodesk Inventor</b>	Up to <b>2021</b>
CATIA V4	Up to V4.2.5
<b>CATIA V5</b>	<b>Up to V5-6R2021</b>
CATIA V6	Up to V5-6 R2019 (R29)
FBX	ASCII: 7100 to 7400. Binary: all
GL Transmission Format	2.0
I-deas	Up to 13.x (NX 5), NX I-deas 6
IFC (Industry Foundation Classes)	IFC2x Editions 2,3 and 4
IGES	5.1, 5.2, 5.3
<b>JT</b>	<b>Up to V10.5</b>
Parasolid (X_T)	<b>Up to v33.1</b>
PRC	All versions
<b>PTC Creo</b>	Pro/Engineer 19.0 to <b>Creo 8.0</b>
PTC Pro/ENGINEER	Up to Wildfire 5
REVIT	<b>2015 to 2021</b>
Rhino	4,5, 6, 7
<b>Siemens PLM Software NX</b>	v11.0 to NX 12, <b>and up to NX1980</b>
<b>Solid Edge</b>	V19, V20, ST to ST10, <b>2021</b>
SolidWorks	<b>Up to 2021</b>
STEP	AP 203 E1/E2, AP 214, AP 242
STEP XML	All versions
STL (Stereo Lithography)	All versions
U3D (Universal 3D)	ECMA-363, (1 <sup>st</sup> to 3 <sup>rd</sup> editions)
VDA-FS	V1.0, V2.0
VRML	V1.0, V2.0
Wavefront (Obj)	Any

\*\* Updated: September 2021

## 3D File Formats Supported for Export

File Format	File Extension
3MF	3MF
ACIS	SAT, SAB
FBX	FBX
IGES	IGS, IGES
JT	JT
Parasolid	X_T
PRC	PRC
STEP	STP, STEP, STP.Z
STL (Stereo Lithography)	STL
U3D (Universal 3D)	U3D
VRML	WRL, VRML
Wavefront	OBJ

## Supported 2D File formats

File Format	File Extension
AutoCAD*	2008 - 2011
Autodesk DWF*	2008 - 2011
Autodesk DXF*	2008 - 2011
CATIA V5 Drawings	Up to R19
HP Graphics Library	
PostScript	PostScript
Siemens NX - 2D	Up to NX 6

\*Supported natively by Acrobat Pro DC

## Supported Languages

English	Japanese	Italian
French	Korean	Spanish
German	Portuguese	<b>Chinese</b>

## SYSTEM REQUIREMENTS

1.5GHz or faster processor

Adobe Acrobat Pro DC or Acrobat 2015 to 2020 Pro

Microsoft Windows Operating System: Microsoft® Windows 7 (32 and 64 bit);

Windows 8.1 (32 bit and 64 bit); Windows Server® 2008 R2 (64 bit) or Windows 10 (32 and 64 bit)

1 GB of RAM | 200MB of available hard-disk space | 1024x768 (minimum) screen resolution



## CONTACT IN GERMANY | AUSTRIA | SWITZERLAND

SQUIDDS - your 3D expert for licenses, services and solutions | [www.tetra4d.de](http://www.tetra4d.de) | Tetra4D VAR

SQUIDDS People.Products.Passion e.K. | Phone +49 911 215 347-0 | Fax +49 911 215 347-13 | [kontakt@squiddds.de](mailto:kontakt@squiddds.de)

[www.tetra4d.de](http://www.tetra4d.de) - Tech Soft 3D Headquarter | 1567 SW Chandler Ave, Suite 100 | Bend, OR 97702

©2021-09 SQUIDDS | Tech Soft 3D™. All Rights Reserved.

