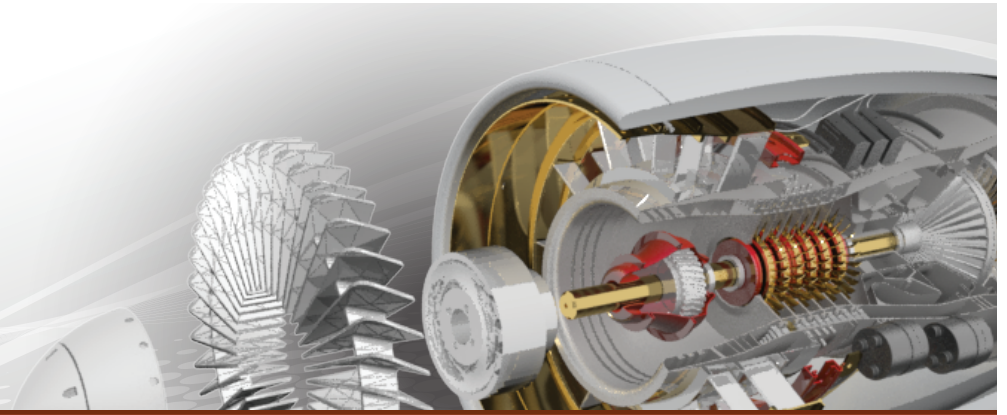




TETRA<sup>4D</sup>  
ENRICH



TETRA<sup>4D</sup>  
AUTOMATE



ADOBE'S EXCLUSIVE PROVIDER OF 3D PDF TECHNOLOGY

BROUGHT TO YOU BY



## CONVERT. SHARE. COLLABORATE.

Tetra 4D Enrich is the only solution that allows anyone to create data rich, interactive 3D PDFs inside of Adobe Acrobat without needing programming expertise. The interactive 3D PDF created with Tetra4D Enrich functions like an "app" that has all the data needed to support any workflow, even complex workflows related to the Model Based Enterprise (MBE), and allows anyone to view and interact with the data using the ubiquitous Adobe® Reader®.

## KEY CAPABILITIES

### ENHANCE YOUR 3D PDF WITH INTERACTIVITY

Easily add interactivity between 3D models, non-graphical data and other product information to create custom actions such as populating views, changing render modes, displaying text and more.

### CREATE ADVANCED DOCUMENTS

Create your own custom template or use existing templates to build compelling documents such as work instructions, part catalogs, maintenance manuals and technical data packages.

### ALL CRITICAL MANUFACTURING INFORMATION, IN ONE DOCUMENT

Consolidate all required product information into one document including 3D CAD, CAD metadata, and business intelligence from systems like ERP and PLM.

### EFFICIENT AND AFFORDABLE

Critical documents can be created without additional internal or external resources at a modest price, saving both time and money. Until now programming expertise or costly enterprise solutions would be required to create such documents.

### CONVERT YOUR NATIVE CAD DATA TO 3D PDFS

Tetra4D Enrich incorporates the latest version of Tetra4D Converter, allowing you to convert over 20 of the major CAD formats to native 3D PDF (incl. CATIA®, SolidWorks®, NX™ and neutral formats). Users can make 3D measurements, comments and create new views to improve collaboration.

### NOW ANYONE CAN CREATE INTELLIGENT 3D PDFS

Tetra 4D Enrich allows anyone, even non-CAD users, to create rich, interactive 3D PDF documents. And because it doesn't require programming expertise, users can create advanced 3D PDFs in record time. Insert a 3D CAD model, bill of material and view carousel with the click of a mouse.



"Previous work instructions would take us at least 1 month to complete. With Tetra4D in place, we cut 75% of that time and can now output 3D work instructions in less than a week."

– Randy R., Manufacturing Engineer, Toshiba



"No paper trail or binders-inspection done, checked back in and back to engineering it goes. After seeing a few similar scenarios of what is possible using Enrich, there's no doubt that 3D PDFs should become more important in the design to manufacturing workflow."

– SolidSmack.com

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### 3D File Formats Supported for Import

File Format	Version**
ACIS (SAT)	Up to 2020
Autodesk AutoCAD (3D only)	Up to 2019
Autodesk DWF	Any
Autodesk Inventor	Up to 2021
CATIA V4	Up to V5-R2020
CATIA V5	Up to V5-6R2021
CATIA V6	Up to 2011 to 2013
FBX	ASCII: 7100 to 7400. Binary: all
GL Transmission Format	2.0
I-deas	Up to 13.x (NX 5), NX I-deas 6
IGES	5.1, 5.2, 5.3
JT	Up to 10.5
Parasolid (X_T)	Up to v33.1
PRC	All versions
PTC Creo	Pro/Engineer 19.0 to Creo 8.0
PTC Pro/ENGINEER	Up to Wildfire 5
REVIT	2015 to 2021
Rhinoceros (Rhino)	4, 5, 6, 7
Siemens PLM Software NX	v11.0 to NX 12, up to NX1980
Solid Edge	V19, V20, ST to ST10, 2021
SolidWorks	Up to 2021
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	Any

\*\*Updated: September 2021

### 3D File Formats Supported for Export

File Format	File Extension
3MF	3MF
ACIS***	SAT, SAB
FBX***	FBX
HTML5 (2020)°	HTML
IGES	IGS, IGES
JT	JT
Parasolid	X_T
PRC***	PRC
STEP	STP, STEP, STEP.Z
STL (Stereo Lithography)	STL
U3D (Universal 3D)	U3D
VRML	VRML
WaveFront***	Obj

\*\*\*Tetra4D Enrich Only  
° Tetra4D Automate Only

### 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	Chinese

## SYSTEM REQUIREMENTS

1.5GHz or faster processor

Adobe Acrobat Pro DC or Acrobat 2015 Pro to 2021 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) und Windows 10 (32 and 64 bit)

1 GB of RAM | 200MB of available hard-disk space | 1024×768 (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

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