TETRA 4D

Tetra4D Enrich

Version 2022

Release Notes

Details of new features, updated format support and bug fixes for Tetra4D Enrich

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Definition of Release Types

We define each release type as follows:

- **Major release**: A major release associated with an incremented release number (e.g. 2022) and an approximate 12 months' product cycle.

- **Minor release**: An update between major releases that may include support for new file formats, new versions of currently supported formats, and bug fixes. These updates are Service Packs (SP), and are defined with an additional incremented number put aside the major release information (e.g. 2022.1 for the first Service pack of release 2022)

- **Out of cycle patch**: An unscheduled update. These contain few functional updates with the intention to limit impact.

Version Information

Item	Version Number
Tetra4D Enrich	2022.0.x

Notice that the third number is used to differentiate builds of the software, and may not be continuous.

Installation

This version can be installed over any prior installation of Tetra4D Enrich. For more installation information, please refer to the Tetra4D Enrich Installation Guide or visit our Learning page.

Language Support Overview

Tetra4D Enrich provides support for multiple languages as noted in the table below. However, the language used is controlled by the local Adobe® Acrobat® installation. If there is a Tetra4D Enrich language option that matches the Acrobat installation, then that language is used; if not, Tetra4D Enrich defaults to English.

Tier 1 and Tier 2 are as defined by Adobe Systems.

Tier	Tetra4D Enrich Supported Languages
Tier 1	English, French, German, Japanese
Tier 2	Brazilian Portuguese, Italian, Korean, Spanish, Simplified Chinese

Acrobat Pro Compatibility

The Tetra4D Enrich is a plug-in for Adobe Acrobat Pro. The following table provides information about tested version compatibility. Note that older versions of Tetra4D Enrich may work with newer Acrobat Pro releases, even if compatibility is not explicitly mentioned here.

Tetra4D Enrich	Compatible Acrobat Pro DC / Pro 2017 / Pro 2020 Versions
2022.0	**32 Bits:** Acrobat Pro 2020: 2020.000.0000 - to 2020.005.30314 (Classic track) Acrobat Pro 2017: 2017.000.0000 - to 2017.012.30205 (Classic track) Acrobat Pro DC: 2015.000.00000 - to 2015.006.30527 (Classic track) - to 2022.001.20085 (Continuous track*) **64 Bits:** Acrobat Pro DC: 2021.001.20138 - to 2022.001.20085 (Continuous track*)

Note:

The ADOBE Products and technical support periods can be found [here](#).

System Requirements

Please refer to the [Tetra4D Enrich Installation Guide](#) to access to the system requirements.

Licensing

Message for Tetra4D Enrich existing customers

Tetra4D Enrich 2022 is a major release, and requires a new license.

Even if you already installed and licensed the version 2021, you will need to update your license and activate the seats when **Tetra4D Enrich 2022** is installed.

Notice that if you are under regular maintenance, you should automatically receive information to retrieve your serial number for **Tetra4D Enrich 2022,** in an email from tetra4d.com.

Please carefully read the Tetra4D Enrich Installation Guide for explanations on how to activate your licenses.

New Tetra4D Enrich customers

You should have automatically received information to retrieve your serial number for **Tetra4D Enrich 2022,** in an email from tetra4d.com.

Please carefully read the Tetra4D Enrich Installation Guide for instructions on how to activate your licenses.

Note: Tetra4D Enrich will run in trial mode for 28 days after completing the installation, providing you with the ability to use the product temporarily without a serial number.

You will have full functionality of the software during the trial period. If you experience any problem during the installation and activation process, please contact support by visiting our Learning page.

Information about the licensing management solution

The licensing management solution for **Tetra4D Enrich** offers flexibility and autonomy for customers to manage their licenses:

- Licensing Tetra4D Enrich can be done directly by customers, without requiring customers to contact Tetra4D support

- Online and offline activations are supported

  - Online activation requires a few actions and is fully performed within the product (no support request, no email communication)

  - In case of offline activation, information to activate the seat has to be communicated through email via submitting a support ticket.

- Activation / deactivation is enabled making it possible to transfer a license from one system to another

  - In cases where a system / license is no longer used and has to be transferred to another one

  - The transfer can be performed directly by the customer

  Note:

  - The transfer of a license has to be occasional, and is allowed in case of:

    - Computer crash

    - Computer change

The Tetra4D support team is available to answer any questions and to assist whenever needed. To receive assistance from the support team, please contact support by visiting our Learning page.

Format Support

This release supports **reading** the following 3D file formats:

Format	Version	Extensions
3MF	**1.2.3**	**3MF**
ACIS (SAT)	Up to version 2021 1.0	SAT, SAB
Autodesk AutoCAD (3D only)	Up to v2019	DWG, DXF
Autodesk DWF	Any	DWF, DWFX
Autodesk Inventor	**Up to 2022**	IPT, IAM
CATIA V4	Up to 4.2.5	MODEL, SESSION, DLV, EXP
CATIA V5	R4 to V5_6R2021	CATDrawing, CATPart, CATProduct, CATShape, CGR
CATIA V6	Up to V5-6 R2019 (R29)	3DXML
FBX	ASCII: from 7100 to 7400. Binary: all	FBX
GL Transmission format	2.0	GLTF, GLB
I-deas	Up to 13.x (NX 5), NX I-deas 6	MF1, ARC, UNV, PKG
IGES	5.1, 5.2, 5.3	IGS, IGES
Industry Foundation Classes (IFC)	IFC2x Editions 2, 3 and 4	IFC, IFCZIP
JT	Up to version 10.5	JT
Parasolid (X_T)	**Up to v34**	X_B, X_T, XMT, XMT_TXT
PRC	All Versions	PRC
PTC Creo	Pro/Engineer 19.0 to Creo 8.0	ASM, NEU, PRT, XAS, XPR
PTC Pro/Engineer	Up to Wildfire 5	ASM, NEU, PRT, XAS, XPR
REVIT	2015 to 2021	RVT, RFA
Rhino	4, 5, 6, 7	3DM
Siemens PLM Software NX	V11.0 to NX 12, **and up to NX 2007**	PRT
Solid Edge	V19 - 20, ST – ST10 - **Up to 2022**	ASM, PAR, PWD, PSM
SolidWorks	**Up to 2022**	SLDASM, SLDPRT
STEP	AP 203 E1/E2, AP 214, AP 242	STP, STEP, STPZ
STEP XML	All versions	STPX, STPXZ
Stereo Lithography (STL)	All Versions	STL
Universal 3D (U3D)	ECMA-363 (1st to 3rd editions)	U3D
VDA-FS	Version 1.0 and 2.0	VDA
VRML	V1.0 and V2.0	WRL, VRML
Wavefront	Any	OBJ

This release supports **writing** the following 3D file formats:

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

Platform

Support of Acrobat 64 bits

The Tetra4D Enrich 2022 release supports the Acrobat Pro DC 64 bits version of Acrobat.
The Tetra4D Enrich 2022 Installer enables the Enrich plugin to be installed on the 32 bits and 64 bits versions of Acrobat.

New format support

This section outlines the new CAD Readers and Writers that have been introduced in this new Tetra4D Enrich release.

CAD Reader: 3MF

- 3MF (3D Manufacturing Format) is a 3D Printing format. It embeds information about material, colors, textures that differentiate from the STL format and that can be leveraged by full-color 3D Printers.

CAD Writer: glTF

- The glTF "Graphics Language - Transmission Format" is an open standard developed and maintained by the Khronos Group. This format is used to share 3D assets with Augmented Reality applications or game engines and to be viewed in web contexts as well as in desktop applications including Microsoft Paint3D, 3D Viewer, Office.
  Glb is the binary version of glTF.

Updated formats support and Reader/Writer enhancements

This section outlines the CAD Readers and Writers that have been added or improved in this new Tetra4D Enrich release.

CAD Reader: Inventor

- Support for version 2022

CAD Reader: Parasolid

- Support for version 34

CAD Reader: Siemens/NX

- Support for version 2007

CAD Reader: Solid Edge

- Support for version 2022

CAD Reader: SolidWorks

- Support for version 2022

Bug Fixes

The 2022 release of the Tetra4D Enrich fixes several customers' reported issues. Please contact support by visiting our support page if you have questions about any specific issue.