



Tetra4D Converter

Version 2023

Release Notes

Details of new features, updated formats support and bug fixes for Tetra4D Converter

Table of Contents

- Version 20233
 - Definition of Release Types.....3
 - Version Information.....3
 - Installation3
 - Language Support Overview.....3
 - Acrobat Pro Compatibility4
- System Requirements4
- Licensing5
 - Message for Tetra4D Converter existing customers5
 - New Tetra4D Converter customers5
 - Information about the licensing management solution6
- Format Support.....7
- Updated formats support and Reader/Writer enhancements.....9
 - CAD Reader: Parasolid9
 - CAD Reader: Revit.....9
 - CAD Reader: Siemens/NX9
 - CAD Reader: Solid Edge9
 - CAD Reader: SolidWorks.....9
- Bug Fixes9

Version 2023

Definition of Release Types

We define each release type as follows:

- **Major release:** A major release associated with an incremented release number (e.g. 2023) 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. 2023.1 for the first Service pack of release 2023)
- **Out of cycle patch:** An unscheduled update. These contain few functional updates with the intention to limit impact.

Version Information

| Item | Version Number |
|-------------------|----------------|
| Tetra4D Converter | 2023.0.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 Converter. For more installation information, please refer to the [Tetra4D Converter Installation Guide](#) or visit our [Learning page](#).

Language Support Overview

Tetra4D Converter 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 Converter language option that matches the Acrobat installation, then that language is used; if not, Tetra4D Converter defaults to English.

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

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

Acrobat Pro Compatibility

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

| Tetra4D Converter | Compatible Acrobat Pro DC / Pro 2017 / Pro 2020 Versions |
|-------------------|---|
| 2023.0 | 32 Bits: Acrobat Pro 2020: 2020.000.0000 - to 2020.005.30441 (Classic track) Acrobat Pro 2017: 2017.000.0000 - to 2017.012.30262 (Classic track) Acrobat Pro DC: 2015.000.00000 - to 2015.006.30527 (Classic track) - to 2023.001.20093 (Continuous track*) 64 Bits: Acrobat Pro DC: 2021.001.20138 - to 2023.001.20093 (Continuous track*) |

Note:

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

System Requirements

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

Licensing

Message for Tetra4D Converter existing customers

Tetra4D Converter 2023 is a major release and requires a new license.

Even if you already installed and licensed the version 2022, you will need to update your license and activate the seats when **Tetra4D Converter 2023** is installed.

Notice that if you are under regular maintenance, you should automatically receive information to retrieve your serial number for **Tetra4D Converter 2023**, in an email from tetra4d.com.

Please carefully read the [Tetra4D Converter Installation Guide](#) for explanations on how to activate your licenses.

New Tetra4D Converter customers

You should have automatically received information to retrieve your serial number for **Tetra4D Converter 2023**, in an email from tetra4d.com.

Please carefully read the [Tetra4D Converter Installation Guide](#) for explanations on how to activate your licenses.

Note that the Tetra4D Converter will run in trial mode for 28 days after installation, providing you with an opportunity 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 Converter** offers flexibility and autonomy for customers to manage their licenses:

- Licensing the Tetra4D Converter 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 via submitting a support ticket.
- Activation / deactivation is enabled to make it possible to transfer a license from a computer to another one
 - Case where a computer is not anymore used and the license has to be transferred to another one
 - The transfer can be performed directly by the customer

Remark:

- 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 to any question and to help 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 2023 | IPT, IAM |
| CATIA V4 | Up to 4.2.5 | MODEL, SESSION, DLV, EXP |
| CATIA V5 | Up to V5_6R2022 | 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 10.6 | JT |
| Parasolid (X_T) | Up to v35 | X_B, X_T, XMT, XMT_TXT |
| PRC | All Versions | PRC |
| PTC Creo | Pro/Engineer 19.0 to Creo 9.0 | ASM, NEU, PRT, XAS, XPR |
| PTC Pro/Engineer | Up to Wildfire 5 | ASM, NEU, PRT, XAS, XPR |
| REVIT | 2015 to 2023 | RVT, RFA |
| Rhino | 4, 5, 6, 7 | 3DM |
| Siemens PLM Software NX | V11.0 to NX 12, and up to NX 2212 | PRT |
| Solid Edge | V19 - 20, ST – ST10 - Up to 2023 | ASM, PAR, PWD, PSM |
| SolidWorks | Up to 2023 | 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 (1 st to 3 rd 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 |

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 Converter release.

CAD Reader: Parasolid

- Support for version 35

CAD Reader: Revit

- Support for version 2023

CAD Reader: Siemens/NX

- Support for version 2212

CAD Reader: Solid Edge

- Support for version 2023

CAD Reader: SolidWorks

- Support for version 2023

Bug Fixes

The 2023 release of the Tetra4D Converter fixes several customers' reported issues. Please contact support by visiting our support page if you have questions about any specific issue.