



Tetra4D Converter

Version 2018

Release Notes

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

Table of Contents

Version 2018	3
Definition of Release Types	3
Version Information	3
Installation	3
Language Support Overview	3
Acrobat Pro Compatibility	4
System Requirements	4
Licensing	5
Message for Tetra4D Converter existing customers	5
New Tetra4D Converter customers	5
Information about the licensing management solution	6
Format Support	7
Updated formats support and Reader/Writer enhancements	8
CAD Reader: Autodesk AutoCAD	8
CAD Reader: SolidWorks	8
CAD Reader: SolidEdge	8
Reading option: Force Compute Tessellation	8
Reading option: CAD views filtering	9
Bug Fixes	9

Version 2018

Definition of Release Types

We define each release type as follows:

- **Major release:** A major release associated with an incremented release number (e.g. 2018) 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. 2018.1 for the first Service pack of release 2018)
- **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	2018.0.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 XI / DC / 2017 Versions
2018.0	Acrobat Pro 2017: 2017.000.0000 - to 2017.011.30070 (Classic track) Acrobat Pro DC: 2015.000.00000 - to 2015.006.30394 (Classic track) - to 2018.009.20050 (Continuous track) Acrobat 11.0.0 to 11.0.23

Important note:

In accordance to the [Adobe Acrobat XI and Adobe Reader XI End of Support](#), the Tetra4D Converter V2018 release is the last version that supports Adobe Acrobat XI PRO.

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 2018 is a major release, and requires a new license.

Even if you already installed and licensed the version 2017, you will need to update your license and activate the seats when **Tetra4D Converter 2018** is installed.

Notice that if you are under regular maintenance, you should automatically receive information to retrieve your serial number for **Tetra4D Converter 2018**, 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 2018**, 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
ACIS (SAT)	Up to v27.0	SAT, SAB
Autodesk AutoCAD (3D only)	Up to v2018	DWG, DXF
Autodesk Inventor	Up to 2018	IPT, IAM
CATIA V4	Up to 4.2.5	MODEL, SESSION, DLV, EXP
CATIA V5	R4 to V5-6R2017	CATDrawing, CATPart, CATProduct, CATShape, CGR
CATIA V6	2011 to 2013	3DXML
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 10.0	JT
Parasolid (X_T)	Up to v30.0	X_B, X_T, XMT, XMT_TXT
PRC	All Versions	PRC
PTC Creo	Elements/Pro 5.0 Parametric 4.0	ASM, NEU, PRT, XAS, XPR
PTC Pro/Engineer	Up to Wildfire 5	ASM, NEU, PRT, XAS, XPR
Rhino	4, 5	3DM
Siemens PLM Software NX	Unigraphics V11.0 to NX 11	PRT
Solid Edge	V19 - 20, ST – ST10	ASM, PAR, PWD, PSM
SolidWorks	Up to 2018	SLDASM, SLDPRT
STEP	AP 203 E1/E2, AP 214, AP 242	STP, STEP, STP.Z
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

Updated formats support and Reader/Writer enhancements

This section presents the CAD Readers and Writers with related enhancements for the 2018 Tetra4D Converter release.

CAD Reader: Autodesk AutoCAD

- Support for AutoCAD files up to AutoCAD 2018
- Support of the 3D objects from DXF and DWG formats

CAD Reader: SolidWorks

- Support for SolidWorks 2018

CAD Reader: SolidEdge

- Support for SolidEdge ST10

Reading option: Force Compute Tessellation

- This new option is available for the formats:
 - SolidWorks
 - Catia V5

This option is available only if the reading mode is set to “Tessellation”. When checked, the tessellation is calculated based on the exact geometry, according to the tessellation criteria, instead of being read from the CAD file itself.

The impacts of this option are:

- Reading time might be longer (compared to a direct reading of the native CAD tessellation), but the quality of the tessellation is controlled (according to the tessellation criteria)
- With SolidWorks files, this mode makes it possible to read the native CAD Attributes.

Remark: This option is set as a default for the SolidWorks reader.

Reading option: CAD views filtering

These new options are available for the following formats:

- Catia V5
- Autodesk Inventor

They make it possible to retain in the PDF document only a subset of the native CAD views, according to the following filtering methods:

- Filtering views based on their names:

CAD views containing a specified string can be kept or ignored.

- Filtering views based on their position in the assembly structure:

CAD views defined at the top level of the assembly are kept while any CAD views defined in components are ignored.

Bug Fixes

The 2018 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.