



Tetra4D Converter

Version 2016 SP1

Release Notes

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

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Version 2016

Definition of Release Types

We define each release type as follows:

- **Major release:** A major release associated with an incremented release number (e.g. 2016) and an approximate 12 month 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 Pack (SP), and are defined with an additional incremented number put aside the major release information (e.g. 2016.1 for the first Service pack of release 2016)
- **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	2016.1.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 [support 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

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 X/XI/DC Versions
2016	Acrobat DC: 2015.000.00000 - to 2015.006.30198 (classic track) - to 2015.017.20050 (Continuous track) Acrobat 11.0.0 to 11.0.17
5.0 and 5.1	Acrobat DC: 2015.000.00000 to 2015.006.30198 Acrobat 11.0.0 to 11.0.17 Acrobat 10.0.0 to 10.1.16

System Requirements

Please refer to the installation guide to access to the system requirements.

Please notice that since version 5.0, the Tetra4D Converter no longer supports the following Microsoft® Windows® operating systems

- Windows XP
- Windows Server 2003

Licensing

Important message for Tetra4D Converter existing customers

Since version 5.1, **Tetra4D Converter** comes with a new license management solution.

Tetra4D Converter 2016 is a major release, and requires a new license.

Even if you already installed and licensed version 5.1, you will need to change your license and activate the seats when **Tetra4D Converter 2016** is installed.

Notice that if you are under regular maintenance, you should automatically receive information to retrieve your serial number for **Tetra4D Converter 2016**, 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 automatically receive information to retrieve your serial number for **Tetra4D Converter 2016**, 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 [support page](#).

Information about the licensing management solution

A new licensing management solution has been implemented with **Tetra4D Converter 5.1**, to offer more flexibility and autonomy to 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 through email
- 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 only 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 [support page](#).

Format Support

This release supports reading the following 3D file formats:

Format	Version	Extensions
ACIS (SAT)	Up to v23.0	SAT, SAB
Autodesk Inventor	Up to 2017	IPT, IAM
CATIA V4	Up to 4.2.5	MODEL, SESSION, DLV, EXP
CATIA V5	R4 to V5-6R2016	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 v27.0	X_B, X_T, XMT, XMT_TXT
PRC	All Versions	PRC
PTC Creo	Elements/Pro 5.0 Parametric 3.0	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 10	PRT
Solid Edge	V19 - 20, ST – ST8	ASM, PAR, PWD, PSM
SolidWorks	Up to 2016	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 enhancements for the 2016 SP1 Tetra4D Converter release.

CAD Reader: CATIA

- **Support for CATIA V5-6R2016**

CAD Reader: Inventor

- **Support for Inventor 2017**

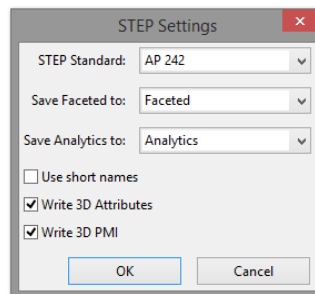
Export 3D Data: STEP

- **Support for STEP AP242**

In addition to the existing support of the STEP AP203 and STEP AP214 standards; Tetra4D Converter supports the export to STEP AP242 standard.

Along with this new STEP standard support, the following information can be exported:

- **Write 3D Attributes**
 - This option enables export the attributes linked to the 3D model.
- **Write 3D PMI**
 - This option enables export the PMI linked to the 3D model.
 - In the STEP file, the PMI are described as graphic information.



PMI: Support of CREO “Flat to screen” PMIs

The CREO specific “flat to screen” PMIs are supported.

These PMIs are flat to screen and their position is fixed, independently of the orientation and zoom of the 3D model.

Enhancements and new features

This section presents the new features and enhancements for the 2016 SP1 Tetra4D Converter release.

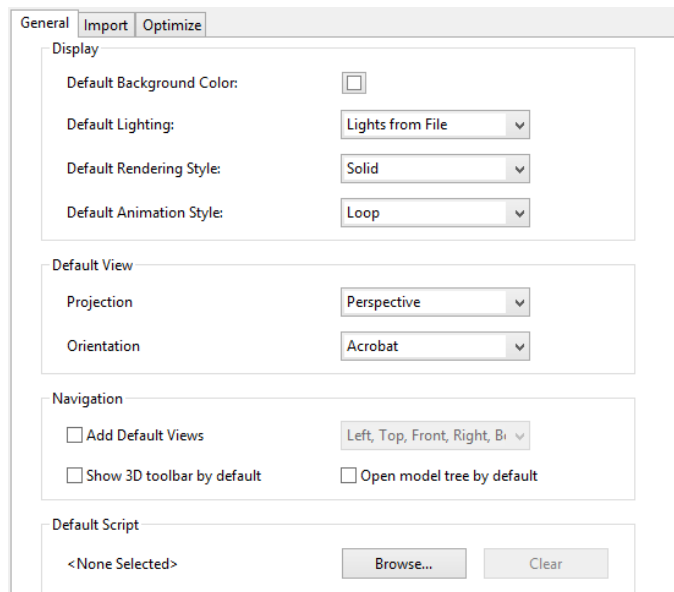
Center of rotation enhancement

The calculation of the center of rotation for the views that are read from the native CAD files has been enhanced in order to improve the user experience when interacting with the 3D model.

Replace 3D feature: Access to the “General” 3D conversion settings

In addition to the tab “Import” and “Optimize”, the “general” tab is accessible within the 3D Conversion Settings dialog.

Therefore all the “General” parameters can be modified when performing a Replace 3D.



Bug Fixes

The 2016 SP1 release of the Tetra4D Converter fixes several customer reported issues. Please contact support by visiting our support page if you have questions about any specific issue.