Tetra4D Enrich

Version 2017 SP2

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. 2017) 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 Pack (SP), and are defined with an additional incremented number put aside the major release information (e.g. 2017.1 for the first Service pack of release 2017)

- **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	2017.2.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

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 XI/DC Versions
2017.2	Acrobat Pro 2017: - to 2017.011.30066 (Classic track) Acrobat Pro DC: 2015.000.00000 - to 2015.006.30355 (Classic track) - to 2017.012.20093 (Continuous track) Acrobat 11.0.0 to 11.0.20

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 2017 SP2 is a minor release and doesn't require a new license if you already installed and licensed **Tetra4D Enrich 2017.**

If you didn't already install and license **Tetra4D Enrich 2017**, you will need to change your license and activate the seats when **Tetra4D Enrich 2017 SP2** is installed.

Notice that if you are under regular maintenance, you already should have received information to retrieve your serial number for **Tetra4D Enrich 2017,** 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 2017,** 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 2017, 2017 SP1 and 2017 SP2** offers flexibility and autonomy to 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

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

    o 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

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

    o The transfer can be performed directly by the customer

  Note:

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

        o Computer crash

        o 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
ACIS (SAT)	Up to **v27.0**	SAT, SAB
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 – ST9	ASM, PAR, PWD, PSM
SolidWorks	Up to 2017	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 (1st to 3rd 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 2017 Tetra4D Enrich release.

CAD Reader: ACIS

- Support for ACIS V27.0

CAD Reader: Autodesk Inventor

- Support for Inventor 2018

CAD Reader: CATIA V5

- Support for CATIA V5-6R2017

CAD Reader: Parasolid

- Support for Parasolid V30.0

New features and enhancements

This section presents the new features and enhancements released with this new version of Tetra4D Enrich.

Compatibility

Due to some modifications that happened in the 3D PDF format, no backward compatibility will be supported between this 2017 SP2 version and the previous versions.

A document created with Tetra4D Enrich 2017 SP2 can't be edited in a previous version.

Table: Ability to sort columns

This new option makes it possible to sort the rows of a table according to the values from a selected column. The sort can be Ascending or Descending.

This option applies to flat part lists and to imported tables (from clipboard and from CSV file).

#	NAME	QTY
1	00018_R-1	1
2	00005_e-2	3
3	00016_p-1	1
4	00012_I-1	2
5	00001_a-1	1
6	00003_c-1	1
7	00020_T-1	1
8	00008_h-1	1
9	00009_i-1	1
10	00019_s-2	1
11	10003_3-1	1
12	20004_D-1	1
13	00013_M-1	1
14	00015_o-1	1
15	00004_d-1	1

#	NAME	QTY
5	00001_a-1	1
6	00003_c-1	1
15	00004_d-1	1
2	00005_e-2	3
8	00008_h-1	1
9	00009_i-1	1
4	00012_I-1	2
13	00013_M-1	1
14	00015_o-1	1
3	00016_p-1	1
1	00018_R-1	1
10	00019_s-2	1
7	00020_T-1	1
11	10003_3-1	1
12	20004_D-1	1

#	NAME	QTY
12	20004_D-1	1
11	10003_3-1	1
7	00020_T-1	1
10	00019_s-2	1
1	00018_R-1	1
3	00016_p-1	1
14	00015_o-1	1
13	00013_M-1	1
4	00012_I-1	2
9	00009_i-1	1
8	00008_h-1	1
2	00005_e-2	3
15	00004_d-1	1
6	00003_c-1	1
5	00001_a-1	1

Initial table   Ascending sort of NAME   Descending sort of NAME

Enhancement of "Fit visible" operations (all contexts)

An option has been added in all the Tetra4D Enrich features that trigger a "Fit visible" operation.

This option ("Ignore PMI") makes it possible to specify the behavior of the feature when the "Fit visible" operation will be processed, to enhance the result of the operation:

- If checked: All the PMIs that are visible will be ignored when the Fit visible is performed
  (The visible objects are adjusted to the screen, and visible PMIs may be outside the screen)
- If unchecked: All the PMIs that are visible are taken into account when the Fit visible is performed
  (The visible objects are adjusted to the screen as well as all the visible PMIs)

The "Ignore PMIs" option is proposed in the following Tetra4D Enrich features:

- TABLE: Tied to the "Emphasize with isolate" option
- ACTIONS:
  - Fit visible
  - Fit selected
  - Node Visibility (Isolate and Show All options)

Bug Fixes

The 2017 SP2 release of Tetra4D Enrich fixes several customers reported issues. Please contact support by visiting our support page if you have questions about any specific issue.