

In Context Editor 2018

Release Notes

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Chapter 1: Supported platforms

Microsoft Windows operating systems 64 bit versions for factory 2018

- Windows 10 (64 bit only)
- Windows 8.1 with Update KB2919355
- Windows 7 SP1

Note

Release 2018 does not support 32-bit operating systems.

Autodesk packages, as supported by Autodesk on the underlying operating system

- AutoCAD 2017 and 2018
- AutoCAD Architecture 2017 and 2018
- AutoCAD MEP 2017 and 2018

If you run the software on an unsupported platform and encounter a problem, and the problem can be duplicated on a supported platform, we will work to fix the problem on the supported platform. A fix developed for a supported platform might resolve a problem on an unsupported platform. However, we may not work on resolving problems that do not occur on supported platforms.

Teamcenter database versions

- Teamcenter 10.1
- Teamcenter 11.2

Chapter 2: Changes from ICE 2017 to 2018

Autodesk® CAD software version compatibility

- Added support for AutoCAD 2018, AutoCAD MEP 2018, and AutoCAD Architecture 2018.
- Dropped support for AutoCAD 2016, AutoCAD MEP 2016, and AutoCAD Architecture 2016.

Teamcenter support

- Updated AutoCAD_Template_11.2 to AutoCAD Foundation version 11.5.
- Added ability for users to view and change the Teamcenter user group or role without logging off.
- **PREVIEW** Added ability for users to convert a local project created outside of Teamcenter for use in the Teamcenter environment. Users may also create a new ICE project containing the data.

This functionality is available using a manual setting in the IceConfig.xml File.

```
<Setting name="Enable Import Local project to Teamcenter [True/False]" value="False"/>
```

If the setting is not available, the default value is "False"

If the value is "True", the button in the project UI is enabled.

ICE usability

- The Teamcenter external display names for Item Types are now used in the ICE Project Palette and when creating new BOM Lines.

Dataset Naming Conventions

- Added ability to define the dataset name separator used when creating datasets from ICE.

ICE Performance

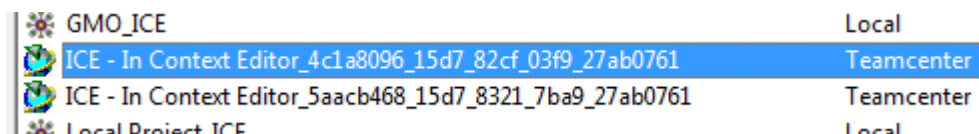
- Included setting to enable/disable Object Filtering.

Known Issues

- When using **Send data to ICE - In Context Editor** functionality, you may see improper ICE projects names, depending on the version of Teamcenter you are using.

All functionality works properly, even if your project is assigned a random name such as what is shown.

This behavior is seen in Teamcenter 11.2.x versions but not in Teamcenter 11.2.0.



GMO_ICE	Local
ICE - In Context Editor_4c1a8096_15d7_82cf_03f9_27ab0761	Teamcenter
ICE - In Context Editor_5aacb468_15d7_8321_7ba9_27ab0761	Teamcenter
Local Project ICE	Local

Chapter 3: Changes from ICE 2016 to 2017

Autodesk® CAD software version compatibility

- Added support for AutoCAD 2017, AutoCAD MEP 2017, and AutoCAD Architecture 2017.
- Dropped support for AutoCAD 2015, AutoCAD MEP 2015, and AutoCAD Architecture 2015.

Teamcenter support

- Added support for Teamcenter 11.2.

Windows support

- Added support for Windows 10.

Tecnomatix Community

- Link to the Tecnomatix Community Support site added to the Help menu.
Click **ICE** tab→**Tecnomatix Community**.

File Load Performance

- When using ICE along with FactoryCAD, enhanced menu loading to improve performance and prevent unloading and reloading of Factory menus when switching between files. Once the Factory menus are loaded in the session they will remain loaded until AutoCAD is closed.

Direct Model (JT) export

- Translation of AutoCAD mtext is now supported for all font types.

BOM line operations

- Improved refresh of ICE projects to reflect changes when multiple users are working on the same ICE project.

Chapter 4: Changes from ICE 2015 to 2016

Autodesk® CAD software version compatibility

- Added support for AutoCAD 2016, AutoCAD MEP 2016, and AutoCAD Architecture 2016.
- Dropped support for AutoCAD 2014, AutoCAD MEP 2014, and AutoCAD Architecture 2014.

Installation related

- Enhanced uninstall routine to also remove common files when both In Context Editor and FactoryCAD/FactoryFLOW are uninstalled.
- Moved product version and other information to the Product Details dialog box, and added other information. To display the dialog box, do the following:

Click **ICE** tab→**In Context Editor** group→**About**  and then in the **About In Context Editor** dialog box click **More Information**.

Teamcenter search

- Added ability from within ICE when creating ICE projects to search for Teamcenter item revisions and Teamcenter BOM lines.
- Pressing the Enter key performs the search.
- For search results that exceed the number of displayed rows, added **Display page n of nnn** capability.

Path navigation in Create Project, Add and Import BOM line dialog boxes

- Added the ability to manually enter a path.
- Added support for shared locations in the path.
- Reduced the size of the expanded **Look In** list.

Teamcenter resource dialog box usability for Add and Import BOM line routines

- **Revision** and **Attachment Name** values are now automatically populated when an xref drawing is not located.
- Add the ability to deselect a file.

ICE layer save behavior

- Added setting to allow specification of whether or not unused layers are discarded upon publish.

Direct Model (JT) export

- Provide support for exporting to JT versions 9.0, 9.5, and 10.1.

Chapter 5: Changes from ICE 2014 to 2015

Autodesk® CAD software version compatibility

- Added support for AutoCAD 2015, AutoCAD MEP 2015, and AutoCAD Architecture 2015.
- Dropped support for AutoCAD 2013, AutoCAD MEP 2013, and AutoCAD Architecture 2013.

Data notifications

- Improved notifications and options regarding missing data, including:
 - o An option to locate missing files when a drawing file is missing for an imported structure
 - o An option to create a placeholder BOM line when a dataset is missing for an imported structure
 - o Notification of unpublished BOM lines when closing an ICE project while in a connected mode, with an option to cancel the close operation.

Create Project and Add BOM line

- Added ability from within ICE to create ICE Projects from Teamcenter item revisions and to add Teamcenter BOM lines.

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Chapter 6: Changes from ICE 2013 to 2014

Autodesk® CAD software version compatibility

- Added support for AutoCAD 2014, AutoCAD MEP 2014, and AutoCAD Architecture 2014.
- Dropped support for AutoCAD 2012, AutoCAD MEP 2012, and AutoCAD Architecture 2012.

Teamcenter support

- Added support for Teamcenter 10.1.

Translation to JT

- Added a new capability to display a message during translation of drawing files to JT if the translator encounters objects that exceed range limits, such as an infinite line. The translator creates a log of such out of range objects. To configure the new capability, two new settings can be added to the **TransToJtConfig.xml** file:
 - o Setting name="Out Of Range Objects Show Popup Message [True/False]"
 - o Setting name="Out Of Range Objects Log File Path"

Recognition of layer property changes

While an ICE project is open in AutoCAD, ICE now marks checked-out BOM line drawings as modified if the BOM line drawing contains objects that are inserted on a layer whose properties are modified. The changed layer properties are saved in the BOM line drawing when the drawing is published.

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Chapter 7: Changes from ICE 16 to 2013

Autodesk® CAD software version compatibility

- Added support for AutoCAD 2013, AutoCAD MEP 2013, and AutoCAD Architecture 2013.
- Dropped support for AutoCAD 2011, AutoCAD MEP 2011, and AutoCAD Architecture 2011.

Teamcenter support

- Added support for Teamcenter 9.1.
- Dropped support for AIWS as transport protocol between Teamcenter and In Context Editor.

New ribbon tab

- Added new tab for ICE commands to the AutoCAD ribbon. All commands available in the ICE toolbar and menu are now available in the ribbon.

ICE configuration file

- Changed the shipped MSEXcel revise type relation from `IMAN_specification` to `IMAN_reference`.
- Included project list filter settings provided with ICE 16 hot fix.

```
<Setting name="Project List Time Filter [LastModified/DateCreated/None]" value="DateCreated"/>
```

```
<Setting name="Project List Time Filter Days [Any Valid Integer]" value="90"/>
```

- Added new FilterObjects section.
- Added JT simplification setting for new type - Visibility Sphere.

Classifications

- Added ability to search layout tabs for the block used for Classifications, and to specify the default layout tab name to search first.

The capability depends on a new **DefaultLayoutTab** attribute in the **DataFromDwg** configuration file setting.

```
<Setting name="DataFromDwg [Block/FileName]" value="Block" DefaultLayoutTab="/>
```

ICE now searches for classification blocks in the following order:

1. If the **DefaultLayoutTab** attribute contains the name of an existing layout tab, the search looks in this layout first.

2. If the **DefaultLayoutTab** attribute is missing, has an empty value, or contains a name of a layout that does not exist, or if the default layout tab does not contain the block, the search for the block is performed in the Model space.
3. If the block is not found in Model space, then the search is performed in all the layout tabs in the order of their creation until a block with the given name is found.

Layouts

- Improved handling of BOM line checkout and modification status relative to changes made in layout tabs.
- Added capability to zoom to entities in layout tabs with the **Zoom To Entity** command.
- Added command to create a new layout tab for the current BOM line.
- Added command to generate PDF files from layout tabs.
- Added configuration file option to automatically update PDF files of layout tabs upon publishing a BOM line.

BOM line operations

- Improved performance of loading and publishing large structures.
- Improved performance of publishing selected BOM lines.
- **Publish BOM Line Hierarchy** – Added new command to publish a selected BOM line and all of its children. Child BOM lines do not have to be individually selected. The new command replaces Publish All. The Publish All functionality can be accomplished by selecting the top node and then choosing Publish BOM Line Hierarchy.
The new command appears on the context (right-click) menu for a BOM line.
- **Publish BOM Line Hierarchy and Release** – Added new command to publish and release a selected BOM line and all of its children. The new command replaces Publish All and Release.

BOM line filtering for Teamcenter projects

Added the ability to filter out Item Revisions and datasets present in Teamcenter that are not wanted in ICE. Filtering is set up by new entries in the ICE configuration file. Exclusions based on Item Revision Type can be limited to specified occurrence types of the Item Revision Type.

- `Item Revision Types to Exclude their sub hierarchy Sub Hierarchy in ICE`
If the Teamcenter structure includes a specified Item Revision type, anything below the specified Item Revision type is not displayed in the ICE structure.
- `Item Revision Types to Exclude along with their sub hierarchy With Hierarchy in ICE`
If the Teamcenter structure includes a specified Item Revision type, the Item Revision type and anything below it is not displayed in the ICE structure.
- `Dataset Types to Exclude their Item Revision's sub hierarchy in ICE`

If the Teamcenter structure includes an Item Revision that contains a specified dataset type, anything below that Item Revision is not displayed in the ICE structure.

- Item Revision Types to Exclude their JT dataset Geometry in Hybrid Mode in ICE

If the Teamcenter structure includes a specified Item Revision type, the Direct Model dataset associated with the Item Revision is not displayed in ICE even when Hybrid mode is turned on.

When an item type is configured for exclusion, and a user selects in Teamcenter an item type that inherits the configured item type, the item type that inherits the configured item type will not show up in ICE.

Notes:

Chapter 8: Global technical access center (GTAC)

To report any serious problems regarding the software, please contact Global Technical Access Center.

Phone:

- USA and Canada: 800-955-0000 or 714-952-5444
- Outside the United States and Canada: Contact your local support office.

Website:

You can log incident reports and view any existing resolutions for incident reports on the Web at <https://support.industrysoftware.automation.siemens.com/gtac.shtml>.

Notes:

Chapter 9: Siemens PLM Community

The Siemens PLM Community for FactoryCAD, FactoryFLOW, and In Context Editor are available at <http://community.plm.automation.siemens.com/t5/General-Tecnomatix-Forum/bd-p/tecnomatix-forum>. The Tecnomatrix Community (Siemens PLM Community for FactoryCAD, FactoryFLOW, and In Context Editor) is also available through the **Factory Layout Software Help**.

Note

A webkey and password are required to log on to the forum. Licensed users can get WebKey support at <http://www.siemens.com/plm/support>.

Siemens Industry Software

Headquarters

Granite Park One
5800 Granite Parkway
Suite 600
Plano, TX 75024
USA
+1 972 987 3000

Americas

Granite Park One
5800 Granite Parkway
Suite 600
Plano, TX 75024
USA
+1 314 264 8499

Europe

Stephenson House
Sir William Siemens Square
Frimley, Camberley
Surrey, GU16 8QD
+44 (0) 1276 413200

Asia-Pacific

Suites 4301-4302, 43/F
AIA Kowloon Tower, Landmark East
100 How Ming Street
Kwun Tong, Kowloon
Hong Kong
+852 2230 3308

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