

Active Workspace 2.4 Release Bulletin

AW003 • 2.4

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Chapter 1: Active Workspace 2.4 release notes

Installation

- **Teamcenter VisPoolManager service starts during patching**

(First published Active Workspace 2.4)

When you use the **Updates Manager** in Teamcenter Environment Manager (TEM) for Vis Server Manager and Vis Data Server configuration on a stand-alone Vis server, at the end of the patching process, TEM starts the **Teamcenter VisPoolManager** service. This creates a problem when you start Vis Server Manager from a command window.

How to work around or avoid

Ensure that the service is stopped prior to starting Vis Server Manager in a command window.

- **Teamcenter Environment Manager (TEM) does not allow corrections to entered patch locations**

(First published Active Workspace 2.4)

If you enter a patch location incorrectly in the **Media Location** panel, you have no means to correct the entry other than to delete the old location and re-enter the new location.

How to work around or avoid

To correct mistakes in a path that has been entered in the **Update Locations** list, perform the following steps:

1. Select the box containing the incorrect path.
2. Click **Remove**.
3. Click **Browse**.
4. Navigate to the correct path.
5. Click **Open** in the directory browser to accept the location.

- **Teamcenter Environment Manager (TEM) breaks old configuration.xml file during upgrade**

(First published Active Workspace 2.4)

When TEM completes an upgrade, it modifies the old installation **configuration.xml** file to remove the configuration that was just upgraded. TEM modifies the file incorrectly and adds a new **<sourceLocations>** element when it rewrites the file. This is only a problem in environments where multiple configurations exist.

How to work around or avoid

After you upgrade a configuration in a multiconfiguration environment, perform the following steps:

1. Open the `old-TC_ROOT/install/configuration.xml` file.
2. Remove the `<sourceLocations>` element.
3. Save the `old-TC_ROOT/install/configuration.xml` file.
4. Repeat these steps for each iteration until all configurations are upgraded. This eliminates the problem at the next upgrade.

- **Missing text resources after solution installation on a four-tier configuration**

(First published Active Workspace 2.1)

After installing Active Workspace, the required resources may not be available when running the Teamcenter server in a four-tier configuration. As a result, the client may display internal names (for example, `tc_xrt_whatever_string`) instead of the associated display name.

How to work around or avoid

After installing Active Workspace but before starting the Teamcenter server, perform the following:

1. If the pool manager has started, stop it.
2. Find the location identified by the `TC_SHARED_MEMORY_DIR` environment variable.
3. Navigate to the `TextSrv` directory.
4. Delete the entire directory.
5. Restart the pool manager.

- **Indexing issues with Japanese installations**

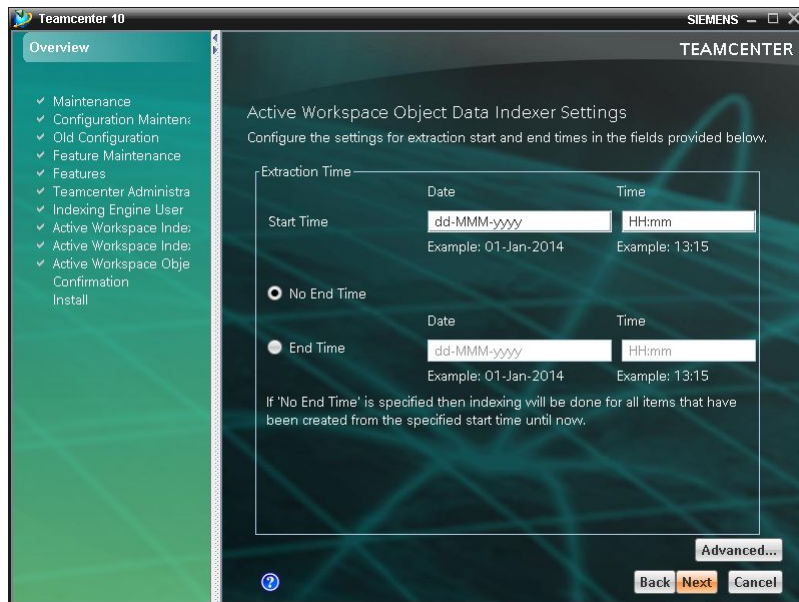
(First published Active Workspace 2.1)

During Japanese installations, Teamcenter Environment Manager (TEM) may indicate an invalid date format.

How to work around or avoid

1. When prompted for the **Start Time** and **End Time**, enter the date in the `dd-MMM-yyyy` format for the date and `HH:mm` for the time. For example, type `01-1-2012` and `00:00`.
2. After the installation completes, open the `TC_FTS_INDEXER_HOME\conf\TcFtsIndexer_objdata.properties` file in a text editor.
3. Make sure that the files encoding format is UTF-8.
4. Change the values for `querytimeslicestep.startTime` and `querytimeslicestep.endTime` to match the `dd-MMM-yyyy HH:mm` format.
5. Change `01-1-2012 00:00` to `01-1月-2012 00:00`.

Values for month are based on locale.

**Extraction time settings**

General

- **List boxes do not stay open**

(First published Active Workspace 2.4)

In Microsoft Internet Explorer 9 and 10 browsers, when the scroll bar appears in an outer panel, the list of values on boxes does not stay open, and you are unable to select any option from the list.

How to work around or avoid

Use the up and down arrows on the keyboard to change the option in the list.

- **Adding reference properties to arrays is not intuitive**

(First published Active Workspace 2.4)

When editing a Teamcenter array property, the following three components are displayed:

- o Buttons

Allow you to add, remove, and reorder items in the array.

- o Values

Provide the list of property values in the array. (The values are initially empty.)

- o Input

Provides a type-specific input selector.

Reference properties have the same interface. The confusing part is that the **Add** icon in the button section looks the same as the **Add** icon in the input section.

How to work around or avoid

The typical flow for adding a reference to an array is as follows:

1. Click the **+** icon on the input.
This displays the object chooser.
2. Use the chooser to select an object to reference.
3. Click **Set**.
This populates the input.
4. Click the **+** icon in the button section.
This adds the object to the array.

- **The Insert Image function does not work on the Safari browser**

(First published Active Workspace 2.4)

The **Insert Image** function does not work on the Safari browser.

How to work around or avoid

Currently, there is no workaround for this problem. Safari is not a supported browser for Windows.

- **The first column in a table cannot be edited**

(First published Active Workspace 2.4)

If a property is configured as the first column of a table, you cannot edit the values of the property from the table in edit mode.

How to work around or avoid

Configuration of properties in tables is done using XML rendering style sheets in the rich client and column configuration from any client. Do not configure any editable property as the first column in a table using these configurations.

- **Adobe InDesign dataset does not show the correct type**

(First published Active Workspace 2.4)

Active Workspace currently does not have a predefined dataset for Adobe InDesign. This may cause problems with the Adobe Teamcenter extension functionality related to saving changes to InDesign files.

How to work around or avoid

Currently, there is no workaround for this problem.

- **Part should be displayed as Legacy Part in the Advanced Search window**

(First published Active Workspace 2.4)

If the 4G BOM solution is installed, in the case of saved queries, there is a deviation in the terminology of **Part** objects. **Part** refers to a legacy BVR part, and **Part4GBOM Part** refers to a 4G BOM part.

How to work around or avoid

Currently, there is no workaround for this problem.

- **Edit options do not appear**

(First published Active Workspace 2.4)

Edit commands such as **Start Edit**, **Save Edits**, **Cancel Edits** do not appear.

How to work around or avoid

Edit commands are visible for the primary selection only in locations that display XML rendering style sheets, such as the home page. Edit commands are hidden for secondary objects, such as those displayed by the **objectSet** tag in the style sheet.

Some locations support bulk edit, such as **Favorites** and **Inbox**. In those locations, edit commands are always visible. Following are some caveats:

- o When nothing is selected in the **List with summary** or **List** view, and a user clicks **Start Edit**, the view is changed to the **Table** view and all the objects become editable.
- o When a single object is selected in the **List with summary** view, clicking **Start Edit** makes the selected object editable.
- o The entire table becomes editable in the **Table** view when you click the **Start Edit** button.

- o Edit buttons are not shown on multiple selections in any view.

- **Shift+click causes selection error**

(First published Active Workspace 2.4)

Using Shift+click as the first action on a list may result in an unexpected selection. If there has been a prior selection in the list, it is cleared (unselected). A subsequent selection that is initiated using Shift+click may result in an unexpected selection range.

The starting point of the selection range is remembered by the internal code and is not reset when the full selection is cleared. If the next selection action is Shift+click (range selection), the old range index is used. Shift+click in a new cell to set the other end of the range.

How to work around or avoid

In a new list with no selections, ensure that the first gesture is a single click or Ctrl+click, not Shift+click. If an unexpected range is selected, simply Shift+click the same cell to clear the range.

- **Relations do not display properly for Adobe datasets**

(First published Active Workspace 2.4)

Adobe's extension window does not comply with the rendering of the HTML **Select** element. Instead of showing the entire list of options, it truncates anything below the extension window. This means that option lists like the **IMAN** relations that are normally shown below the bottom of the window are truncated.

How to work around or avoid

Adjust the extension window until the list of options is no longer displayed partially below the window.

- **Problem opening an Adobe dataset**

(First published Active Workspace 2.4)

After opening an Adobe dataset, the Active Workspace user interface disappears.

How to work around or avoid

Currently, there is no workaround for this problem. There is an issue with the HTML5 file picker control implemented by the Adobe extension framework. A problem report has been filed with Adobe to address this limitation.

- **Adobe Integration fails**

(First published Active Workspace 2.4)

Adobe Integration fails for a proxy Active Workspace URL.

How to work around or avoid

Currently, there is no workaround for this problem. The Adobe Teamcenter extension does not support the use of forward proxies in the network configuration. Consult your network administrator for the best way to configure your Adobe Teamcenter extension.

- **New home tiles created in Teamcenter do not appear in the Active Workspace**

(First published Active Workspace 2.3)

If you create a new home tile in the Teamcenter rich client using the **File→New→Other→Tile** command, and you do not specify an icon (which is not a mandatory field for tile creation), the tile does not appear in Active Workspace.

How to work around or avoid

Specify an icon when creating the tile instance.

- **Creation dialog box is blank or panels are misaligned**

(First published Active Workspace 2.3)

In Teamcenter 9.1.3.1, the dialog box displayed when creating a new item using **New→Other...** has contents that are either not sized correctly or are blank. This prevents the user from creating the new object.

How to work around or avoid

Currently, there is no workaround for this problem.

- **Manually updating the ADA/ITAR license expiration date does not take effect**

(First published Active Workspace 2.3)

When you manually update the ADA/ITAR license expiration date, the update does not take effect.

How to work around or avoid

After updating the ADA/ITAR license expiration date, all the users must log off and log back on to reset the ADA/ITAR license expiration date.

- **Business object types not allowed for creation**

(First published Active Workspace 2.3)

While attempting to change the value of the **AWC_DefaultCreateTypes** preference, added business object types do not appear in the list of business object types that can be created in Active Workspace.

How to work around or avoid

There are certain business object types that are not allowed to be created. If your business object type exists in the following list, it is not permitted for creation in Active Workspace.

```

ActivityCost
ActivityEntryValue
ADA_License
Allocation
AllocationMap
AppearanceGroup
Architecture
AsMaintainedRevisionRule
AssemblyArrangement
AssetGroup
Authorization
BidPackage
BillRate
CAEBCTItem
CAEConnItem
CAEItem
CAELoadItem
CalParm
Cba0LOAProxy
Cba0LOUProxy
Cba0PartProxy
Cba0PersistentProxy
Ccd0MemoryLayout
Ccd0OverrideCont
Civ0COM4Master

```

Civ0COM4RevisionMaster
 Civ0DDN4Master
 Civ0DDN4RevisionMaster
 Civ0DM4Master
 Civ0DM4RevisionMaster
 Civ0DML4Master
 Civ0DML4RevisionMaster
 Civ0PM4Master
 Civ0PM4RevisionMaster
 DC_Admin
 DC_ComposedDoc
 DC_ComposedDocMaster
 DC_ComposedDocRevisionMaster
 DC_DitaAbsMapMaster
 DC_DitaAbsMapRevisionMaster
 DC_DitaAbsTopicMaster
 DC_DitaAbsTopicRevisionMaster
 DC_DitaBaseMaster
 DC_DitaBaseRevisionMaster
 DC_DitaConceptMaster
 DC_DitaConceptRevisionMaster
 DC_DitaDynMapMaster
 DC_DitaDynMapRevisionMaster
 DC_DitaEditMapMaster
 DC_DitaEditMapRevisionMaster
 DC_DitaItemMaster
 DC_DitaItemRevisionMaster
 DC_DitaReferenceMaster
 DC_DitaReferenceRevisionMaster
 DC_DitaTaskMaster
 DC_DitaTaskRevisionMaster
 DC_DitaTopicMaster
 DC_DitaTopicRevisionMaster
 DC_ExtEntAdmin
 DC_ExtEntAdminMaster
 DC_ExtEntAdminRevisionMaster
 DC_Procedure
 DC_ProcedureMaster
 DC_ProcedureRevisionMaster
 DC_Publication
 DC_PublicationMaster
 DC_PublicationRevisionMaster
 DC_ReviewerDoc
 DC_ReviewerDocMaster
 DC_ReviewerDocRevisionMaster
 DC_SchemaMaster
 DC_SchemaRevisionMaster
 DC_SkdCOMMaster
 DC_SkdCOMRevisionMaster
 DC_SkdDDNMaster
 DC_SkdDDNRevisionMaster
 DC_SkdDMLMaster
 DC_SkdDMLRevisionMaster
 DC_SkdDMMaster
 DC_SkdDMRevisionMaster
 DC_SkdGraphIMaster
 DC_SkdGraphIRRevisionMaster
 DC_SkdIPRFMaster
 DC_SkdIPRFRevisionMaster
 DC_SkdPMMaster
 DC_SkdPMRevisionMaster
 DC_StyleSheetMaster
 DC_StyleSheetRevisionMaster
 DC_Topic
 DC_TopicMaster
 DC_TopicRevisionMaster
 DC_UnparsedDoc
 DC_UnparsedDocMaster
 DC_UnparsedDocRevisionMaster
 DC_XmlSchemaMaster
 DC_XmlSchemaRevisionMaster
 DC_GraphicPriority
 DCt_GrphcTrnsltnMaster
 DCt_GrphcTrnsltnRevisionMaster
 DCt_Item
 DCt_ItemMaster
 DCt_ItemRevisionMaster
 DCt_Language
 DCt_PublishOrderMaster
 DCt_PublishOrderRevisionMaster
 DCt_TopicTypeGrp
 DCt_TranslationMaster
 DCt_TranslationRevisionMaster
 DCt_Workspace
 DesignReq
 DLF_Attribute_Form
 EPMJob
 EPMTask
 Exclude_License
 FaultCode
 Fnd0AbstractPersistentProxy
 Fnd0ProxyTask

FullText
 GPA
 Graphic
 GraphicMaster
 GraphicOption
 GraphicOptionMaster
 GraphicOptionRevisionMaster
 GraphicRevisionMaster
 Identifier
 IP License
 ITAR License
 ItemRevision
 JTContentForm
 LifeCharDefinition
 LogBook
 LogEntry
 Lot
 ManufacturerPart
 MEActivity
 MEContext
 Mem0MemoryLayout
 MEOP
 MEProcess
 Mes0MEBooleanDCDForm
 Mes0MEBooleanPFForm
 Mes0MEBuyoffDCDForm
 Mes0MEDCD
 Mes0MEDCDBaseForm
 Mes0MEDurationDCDFrm
 Mes0MEEndTimeDCDForm
 Mes0MEIntegerDCDForm
 Mes0MEIntegerPFForm
 Mes0MELOVDCDForm
 Mes0MELOVPFFBaseForm
 Mes0MEPF
 Mes0MEPFBaseForm
 Mes0MERealDCDForm
 Mes0MERealPFForm
 Mes0MESTXDCDForm
 Mes0MESTXPFForm
 Mes0MESTXElement
 Mes0MESTXElementMaster
 Mes0MESTXElementRevision
 Mes0MESTXElementRevisionMaster
 Mes0MESTXFolder
 Mes0MESTXFolderMaster
 Mes0MESTXFolderRevision
 Mes0MESTXFolderRevisionMaster
 Mes0MESTXLibrary
 Mes0MESTXLibraryMaster
 Mes0MESTXLibraryRevision
 Mes0MESTXLibraryRevisionMaster
 Mes0METimeDCDForm
 Mes0METimePFForm
 Mes0MEWIObjTemplMaster
 Mes0MEWIObjTemplRevisionMaster
 Mes0MEWIPreview
 Mes0MEWITemplateMaster
 Mes0MEWITemplateRevisionMaster
 MEWorkarea
 ObsCharDefinition
 ParmDef
 ParmGrpDef
 ParmGrpVal
 PartMovement
 PhysicalPart
 ProductVariant
 ProductVariantIntent
 PSBOMView
 PSBOMViewRevision
 Reservation
 RouteLocation
 RoutePath
 SavedSearch
 SchDeliverable
 Schedule
 ScheduleMember
 ScheduleTask
 ScheduleTaskRevision Execution
 ScheduleTaskRevision Scheduling
 SchMgtCostForm
 SchTaskDeliverable
 SCMCompoundElement
 SCMElement
 SCMServer
 SCMVersionObject
 SerialNumberGenerator
 SignoffList
 Snapshot
 SnapshotForm
 SRP0GnSrvRequest
 SRP0GnSrvRequestMaster

```

SRP0GnSrvRequestRevision
SRP0GnSrvRequestRevisionMaster
SRP0ServiceCatalog
SRP0ServiceOffering
TaskInbox
Tool
TraceLink
TransactionElement
TransferOptionSet
TranslationOrder
TranslationOrderMaster
TranslationOrderRevisionMaster
TranslatnDelvry
TranslatnDelvryMaster
TranslatnDelvryRevisionMaster
TransltnOffice
TransltnOfficeMaster
TransltnOfficeRevisionMaster
User_Inbox
ValData
ValidationAgent
ValidationReq
Vendor_ChangeItem

```

- **Overview of the As-Built physical parts should not show the disposition or location**

(First published Active Workspace 2.3)

As-Built physical parts do not have disposition or location; therefore, these attributes do not show anything on the screen when the labels are displayed.

How to work around or avoid

Currently, there is no workaround for this problem.

- **PDF files do not open in Microsoft Internet Explorer 9**

(First published Active Workspace 2.2)

PDF files do not open in Microsoft Internet Explorer 9.

How to work around or avoid

Use Microsoft Internet Explorer 10 or later, Chrome, Firefox, or Safari browsers to view PDF files. Alternatively, use the **Open** command to open the PDF file in a stand-alone application such as Adobe Reader.

- **Two Active Workspace-related preferences must be manually created in Teamcenter 10 or later versions**

(First published Active Workspace 2.2)

The **ActiveWorkspaceHosting.URL** and **TC_Use_ActiveWorkspace_Inbox** preferences do not appear in Active Workspace in Teamcenter 10 or later versions.

How to work around or avoid

You must create these preferences manually. For more information about creating preferences manually, see the *Preferences and Environment Variables Reference*.

- **Touch screen functionality not optimized for some areas**

(First published Active Workspace 2.2)

Some areas of the Active Workspace user interface are not yet optimized to support touch screen functionality.

How to work around or avoid

Use a two-finger pinch-out gesture to zoom into the user interface so that targets are easier to touch.

- **User profile images can only be certain types and size**

(First published Active Workspace 2.2)

The user profile picture does not appear.

How to work around or avoid

Ensure the image is smaller than 5 megabytes (MB) and is one of the following file types: JPG, GIF, or PNG.

- **Allowing PKCS7 ActiveX control for the first time**

(First published Active Workspace 2.2)

The first time you attempt to display a page or perform an operation in Active Workspace that requires the use of the PKCS7 ActiveX Control (required for digital signature support), a browser message appears requesting permission to use the ActiveX control. When you allow the use of the ActiveX control, you are returned to the Active Workspace home page.

How to work around or avoid

This permission request only occurs the first time the ActiveX control is requested, unless you remove ActiveX control from your browser.

- **Missing commands in Table or List view**

(First published Active Workspace 2.1)

Some commands, such as **Revise**, **Create Change** and **Submit to Workflow**, are configured for the **List with Summary** view only; they are not yet supported in the **Table** or **List** view.

How to work around or avoid

Select the object in the primary work area, and use the **List with Summary** or **Summary** view.

- **Panning and zooming does not work on Microsoft Surface**

(First published Active Workspace 2.1)

Panning does not work with Microsoft Internet Explorer 11 on Microsoft Surface tablets.

How to work around or avoid

Use the Chrome browser on Microsoft Surface tablets.

Active Collaboration

- **Active Collaboration CKEditor behaves poorly on Microsoft Internet Explorer**

(First published Active Workspace 2.3)

Pasting an image buffer directly into an Active Collaboration input only works in Firefox and Microsoft Internet Explorer version 11 or later. The CKEditor is an online editor and such actions are not allowed in all browsers. Upload the image to the server first. Only then can the CKEditor apply a valid URL.

How to work around or avoid

When inserting an image, click the **Insert Image** button on the toolbar.

Document management

- **Active Workspace Markup Manager limitation**

(First published Active Workspace 2.4)

Markup is limited to the application in which it is created. Teamcenter provides multiple Markup Manager applications:

Markup Manager feature	Available in clients	Viewable in other clients
Microsoft Office markup	Client for Office	No.
Acrobat PDF markup	Rich client and thin client	Viewable in Active Workspace; cannot be passed back and forth.
Active Workspace markup, including image markup	Active Workspace	No.
Lifecycle Visualization markup	Rich client	No. If a user creates markups in PDF using Lifecycle Visualization and the rich client and tries to use the Active Workspace Markup Manager, the original markups are deleted.

How to work around or avoid

Markup created in one application cannot be managed or modified in other applications.

- **PDF viewer is not resized appropriately after clicking the full screen button**

(First published Active Workspace 2.4)

The PDF viewer displays in the **Viewer** tab for an open file. When you click the full screen mode button, the viewer is not resized to use the full screen.

How to work around or avoid

Resize the browser to use the full screen.

- **Touch does not work to scroll the markup panel in Microsoft Surface Pro**

(First published Active Workspace 2.3)

Touch scrolling is not yet supported in the **Markup Manager** panel in Microsoft Surface Pro using the Microsoft Internet Explorer 11 browser.

How to work around or avoid

To scroll without a mouse in the **Markup Manager** panel, the Surface pen supplied with Surface Pro may be used, as well as the up or down arrow keys on an attached keyboard.

- **Large PDF files on Apple iPads may close the browser**

(First published Active Workspace 2.2)

The maximum supported PDF file size using Active Workspace on an Apple iPad is 300 kilobytes, which is between 10 and 20 pages depending on the content density. If you open larger files and scroll or jump to pages through page navigation or search, the browser may close.

How to work around or avoid

Currently, there is no workaround for this issue.

- **Canceling the latest shape prevents acceptance of freehand drawings**

(First published Active Workspace 2.2)

If you cancel the latest shape when drawing more than one shape with the freehand markup tool, the **Accept** button does not appear for the drawing, which prevents the comment box to type the markup text from also appearing.

How to work around or avoid

Draw another shape to replace the one that was canceled. You can also cancel the entire freehand drawing by clicking **Freehand** in the **Markup Manager** panel and then redo your drawing.

Localization

- **Unable to attach files in the German locale**

(First published Active Workspace 2.4)

In the German locale, the **Add** button in the **Attachments** tab sometimes does not respond. This issue may also be seen in other locales if the tab title contains special characters.

How to work around or avoid

Press F5 (refresh) if the **Add** button does not respond.

- **Question tile is not localized in the French localization**

(First published Active Workspace 2.4)

The question tile is not localized in the French localization.

How to work around or avoid

The question tile label is not localized and only appears in English. This will be fixed in a future Active Workspace version.

- **Mixed locale file is blank**

(First published Active Workspace 2.4)

When a file contains mixed locale text, it is blank when the dataset is opened.

How to work around or avoid

Currently, there is no workaround for this issue. This is a limitation with File Management System (FMS).

- **Visualization servers do not support Czech, Brazilian Portuguese, and Polish languages**

(First published Active Workspace 2.2)

You can configure Active Workspace to display the user interface in any of the supported Teamcenter locales. In addition, some visualization data such as Product and Manufacturing Information (PMI) requires a visualization server configured for the same locale as the information, as described in *Active Workspace Deployment*. However, the visualization servers do not support Czech, Brazilian Portuguese, and Polish; they support all other locales supported by Teamcenter.

How to work around or avoid

Currently, there is no workaround for this issue.

- **Active Workspace User Assistance does not open in Czech locale**

(First published Active Workspace 2.2)

If Active Workspace is set to the Czech locale and you click the **User Assistance** tile, the *Active Workspace User Assistance* PDF does not appear.

How to work around or avoid

1. Create a new folder named **cs_CZ** for the Czech locale in the `TC_ROOT\aws2\stage\Teamcenter\target\awc-war-version\thinclient\docs\` folder.

2. Follow the instructions in the *Access help in a different language* topic in *Active Workspace Deployment*.

You can also follow the workaround steps in the location where the WAR file is deployed.

- **Localizing of view names not supported**

(First published Active Workspace 2.0)

Active Workspace does not support the localizing of view names in XML style sheets.

How to work around or avoid

If view name localizing is required, use **section** elements in place of **view** elements.

For example, use:

```
<section titleKey="tc_xrt_ads_attributes">
  <property name="Adc0category" />
  <property name="Adc0change_class" />
  <property name="Cm0impact_types"/>
  <property name="Adc0product_systems" />
  <property name="Adc0product_zones" />
</section>
```

Instead of:

```
<view name="ads_attributes" >
  <property name="Adc0category" />
  <property name="Adc0change_class" />
  <property name="Cm0impact_types"/>
  <property name="Adc0product_systems" />
  <property name="Adc0product_zones" />
</view>
```

Maintenance, Repair, and Overhaul

- **Some properties do not appear in the Overview tab**

(First published Active Workspace 2.4)

The **Overview** tab does not display the following properties on a physical part: **Name**, **Disposition**, **Top Level Part**, and **As-Built Revision**.

How to work around or avoid

Currently, there is no workaround for this problem.

- **Problems when replacing a part with new part**

(First published Active Workspace 2.4)

Replacing a part with new part whose quantity is more than the maximum allowed quantity (quantity on the neutral structure) results in inconsistent behavior.

How to work around or avoid

Avoid replacing a part with a new part whose quantity is more than the maximum quantity.

- **Problems when adding a physical part revision into a neutral structure**

(First published Active Workspace 2.4)

Only add a physical part revision in a physical structure. Adding a physical part revision in an item structure (neutral structure) may result in inconsistent behavior.

How to work around or avoid

Avoid adding a physical part revision in a neutral structure. If it was added by mistake, you can open the structure in the rich client and correct the structure by removing the physical part.

- **Lot definition change after a physical structure is generated**

(First published Active Workspace 2.4)

If a user makes a nonlot neutral part into a lot neutral part (or vice versa), after the physical structure is generated, any operation on the physical structure may result in inconsistent behavior.

How to work around or avoid

If the lot definition is changed on a neutral part, generate a new physical structure for the neutral part.

- **Exposed open icon for fault code**

(First published Active Workspace 2.3)

The **Create Service Discrepancy** dialog box shows an open icon for the listed fault codes.

How to work around or avoid

Do not use the open icon for fault codes. This open icon should be removed. The functionality is not intended to be exposed and results in errant behavior if selected.

- **Refresh issue after part movement**

(First published Active Workspace 2.3)

Sporadically, the Active Workspace client does not refresh the view of the physical part structure after a part movement action completes.

How to work around or avoid

Press the F5 key to perform a manual refresh.

Rapid Start

- **Support for Rapid Start**

(First published Active Workspace 2.4)

The following Rapid Start functions are not supported in Active Workspace 2.4:

- o Smart Codes
- o Print and plot
- o Review package export

Relations

- **Connection edge disappears between group and leaf node**

(First published Active Workspace 2.4)

When there is a connection between child and parent nodes, the connection is established but not displayed when using Microsoft Internet Explorer. This is a graphical toolkit browser issue.

How to work around or avoid

Use the Chrome or Firefox browser.

- **Issue with user settings in the Relations tab**

(First published Active Workspace 2.0)

Changing user settings (for example, group or role) while navigating in the **Relations** tab may result in inaccurate results.

How to work around or avoid

Search for another item and open the **Relations** tab, and then search for the original item. The entire graph is redrawn.

Requirements Manager

- **Architecture modeler does not include a variant condition**

(First published Active Workspace 2.4)

When editing content in Active Workspace, the variability expression is removed from pasted occurrences. This is consistent with Structure Manager behaviors but inconsistent with Requirements Manager and other perspectives.

How to work around or avoid

This behavior will be updated in conjunction with variant expression authoring in a future version of Active Workspace.

- **HTML translation does not work**

(First published Active Workspace 2.4)

HTML translation does not work.

How to work around or avoid

On the system where the Requirements Manager Word-to-HTML Translator is installed, the Active Workspace Requirements Management (**arm0activeworkspacereqmgmt_template.xml**) template must be installed. This is an additional dependency identified when the Dispatcher is set up on a different system. In the case of the Dispatcher being installed on the same system but referring to a different *TC_DATA* folder, you must ensure the Requirements Manager template is installed before installing the Dispatcher.

- **Associate .rmwoai file with Microsoft Word**

(First published Active Workspace 2.3)

The **Export to Word** feature fails when attempting to open a requirement revision.

How to work around or avoid

1. Choose **Export to Word** from Active Workspace.
A *filename.rmoai* file is downloaded.
2. Save the file to a local disk, double-click it, and select the **Select a program...** option.
The **Open With...** dialog box appears.
3. Select Microsoft Word. Ensure that **Always use the selected program to open this kind of file** option is selected.
4. Click **OK**. After the file association is complete, the next time you export to Word, you can click **Open**.

- **Open in Excel results in error**

(First published Active Workspace 2.3)

Using the **Open in Excel** command results in an error if the **fms_bootstrap_urls** and **web_default_site_server** preferences have multiple values.

How to work around or avoid

Currently Excel Live supports 32-bit browser Active Workspace.

- **Subtypes of relations are not traversed in style sheets**

(First published Active Workspace 2.3)

Using a relation in an **objectSet** source does not apply to relation subtypes of the specified type. For example, using **ImanRelation.WorkspaceObject** in the **ComplyingObjects** section does not show the complying objects from **FND_TraceLink** in Active Workspace.

How to work around or avoid

Specify the specific relation name in the **objectSet** source. A comma-separated list of relation types can be used. For example, use **FND_TraceLink.WorkspaceObject**.

- **Markups in requirements may appear incorrectly**

(First published Active Workspace 2.2)

If you add a markup to a requirement from a requirements specification and then open it outside the requirements specification, the markup may appear in the wrong position or may not appear at all, and Active Workspace displays an error. The same is true if you create a markup in a requirement and then view it in a requirements specification.

The following steps display the markup in an incorrect position:

1. Navigate to a requirement specification, open it in PDF, and scroll all pages. This loads all PDF pages.
2. Select a requirement (for example, **1.2 Rationale***) and add a markup. The markup is saved.
3. Navigate to **Home** or another view, which closes the PDF view.
4. Search for **1.2 Rationale***, a single requirement within the requirement specification, and open it in the PDF viewer.
5. Click the individual requirement and then click the **Markup** button. You see the markups, but the position is incorrect.

How to work around or avoid

There are two workarounds for this issue:

- o Workaround 1

1. Navigate to a requirement specification, open it in PDF, and scroll all pages. This loads all PDF pages.
2. Select a requirement (for example, **1.2 Rationale***) and add a markup. The markup is saved.
3. Navigate to the **Home** view and then select the requirement specification.
4. Select the **1.2 Rationale*** requirement again and click the **Markup** button.

The markup is loaded and shown in the correct position.

- o Workaround 2

1. In the **Home** view, search for **Rationale***, open it in PDF, and scroll all pages. This loads all PDF pages.
2. Select a requirement (for example, **1.2 Rationale***) and add a markup. The markup is saved.
3. Navigate to the **Home** view and then select **1.2 Rationale***.
4. Select the **1.2 Rationale*** requirement again and click the **Markup** button.

The markup is loaded and shown in the correct position.

Note

If you create a markup on an individual requirement as in Workaround 2 and view it in a requirements specification, the position is incorrect.

- **Solr search does not return expected results for plain text search**

(First published Active Workspace 2.2)

Solr search does not return expected results for plain text search of requirements.

How to work around or avoid

Place a wildcard character before and after the search text.

- **Japanese characters in rich client requirements**

(First published Active Workspace 2.2)

When you create requirements content in Japanese in the rich text editor in Active Workspace, the characters do not display correctly when the requirement is opened with Microsoft Word from the rich client.

How to work around or avoid

Currently, there is no workaround for this issue.

- **Pasting text with embedded images when editing in HTML**

(First published Active Workspace 2.1)

The HTML editor for authoring requirements supports pasting text with embedded images only in the Mozilla Firefox browser. Other browsers, such as Google Chrome and Microsoft Internet Explorer, only support pasting rich text content without embedded images.

How to work around or avoid

To paste text with embedded images in a requirement, use Mozilla Firefox.

- **Table columns must be manually resized in the rich text editor**

(First published Active Workspace 2.1)

When you create a table in the rich text editor and begin typing in the first column, the column width expands to be very wide.

How to work around or avoid

Drag the column boundary to the width of the contents. The first two columns automatically resize to fit the contents. If the table has additional columns, this column behavior repeats for the boundary between each of the remaining columns, so you must manually resize every other column.

Report Builder

- **Report criteria does not show default values**

(First published Active Workspace 2.4)

Report criteria does not show the default values defined in the query. However, these values are used by the report in the returned results.

How to work around or avoid

Enter a wildcard in the fields.

- **Report generated in Microsoft Excel cannot be opened in Excel on an Apple iPad**

(First published Active Workspace 2.4)

Report Builder Microsoft Excel templates do not work on Apple iPads.

How to work around or avoid

Currently, there is no workaround for this issue. This will be fixed in a future version.

Search

- **Issues with the first synchronization after the upgrade**

(First published Active Workspace 2.4)

After the Teamcenter platform is upgraded from a previous patch version, the first synchronization run of object data indexing may take a long time to complete if the system is not configured properly.

The issue may occur because of one of the following:

- o Object data indexing relies on TC XML export that occurs on the server. The synchronization operation relies on a threshold value specified by the **TC_TIMESTAMP_THRESHOLD** POM parameter. (The default is 96 hours if not set.)
- o If the time interval between two synchronization operations is beyond the threshold value, the synchronization logic uses the **POM_Object** table to identify the synchronization candidates that may take longer if the size of the **POM_object** table is large. If the time interval is less than the threshold, it uses the **POM_TIMESTAMP** table because it is expected to be smaller and to run the synchronization more quickly.
- o Typically, the synchronization interval is defined at the start of synchronization at 300 seconds. Therefore, you do not encounter the preceding issue. However, in the case of an upgrade, the environment may be down for a longer period. If the time between the two synchronization operations goes beyond the threshold, you may see this problem.

How to work around or avoid

Temporarily set the threshold value (run **install -ask_pom_param** and **install -set_pom_param**) to a higher number before the upgrade and reset it to the default after the first synchronization operation.

- **Breadcrumb is not updated on Microsoft Surface Pro**

(First published Active Workspace 2.4)

On Microsoft Surface Pro, the breadcrumb is not updated after clicking on bar charts. There is a bug with the charts that prevents drill down. Currently, it only occurs in Microsoft Internet Explorer 11 on Surface Pro when using the touch screen.

How to work around or avoid

Use a mouse, another browser, or do not click in the column.

- **Breadcrumb display is sometimes not updated with changes to shape search parameters**

(First published Active Workspace 2.3)

While performing a shape search, after setting the **Shape** or **Size** parameter and applying a search filter such as **Type** and **Owner**, the breadcrumb bar is not updated if the **Shape** or **Size** parameters are adjusted with a result of no matches found.

How to work around or avoid

Adjust the **Shape** or **Size** parameters to get results or clear the selected search filter to update the breadcrumb display.

- **Filters applied while in shape search mode are not cleared correctly between new searches**

(First published Active Workspace 2.3)

After performing a shape search and applying a search filter such as **Type** and **Owner**, the shape-search-mode search filters are not cleared when a new standard search is performed followed by a new shape search.

How to work around or avoid

Manually clear the existing shape-search-mode search filters between the new searches to prevent inadvertent filtering of shape search results.

- **Unsupported conditions and accessors**

(First published Active Workspace 2.0)

Conditions and accessors are used to configure rules that grant or deny object access for users. Active Workspace search results only show objects for which read access is granted to the user. Some conditions and accessors are unsupported for search. For objects where read access is affected by one of the unsupported conditions or accessors, the counts of search results are inaccurate. Under all circumstances, the user is only allowed to view properties of an object from the search result if the normal Teamcenter rule tree evaluation grants read access.

The following unsupported Teamcenter 10.1.x conditions and accessors do not provide an accurate search count:

- o **In IC Context** condition

Enables structure edits (occurrence edits, occurrence notes, transform edits, and attachment edits) to be controlled by the Structure Manager, Manufacturing Process Planner, Multi-Structure Manager, or Part Planner application.

- o **Public Schedule** accessor

Provides all users access to schedules that are templates or made public. This accessor applies to the Schedule Manager application.

- o **RoleInAnySchedule** accessor

Indicates membership privileges of the logged-on user across all schedules in the system. Membership privileges (accessor IDs) can be **COORDINATOR**, **PARTICIPANT**, or **OBSERVER**. This accessor applies to the Schedule Manager application.

- o **RoleInSchedule** accessor

Indicates membership privileges of the logged-on user within a particular schedule. Membership privileges (accessor IDs) can be **COORDINATOR**, **PARTICIPANT**, or **OBSERVER**. This accessor applies to the Schedule Manager application.

How to work around or avoid

Currently, there is no work around for this issue.

Security

- **Rich client fails to launch at Active Workspace relogin with TCCS**

(First published Active Workspace 2.4)

When you attempt to launch the rich client in Security Services mode, it may become unresponsive during the authentication process and you must restart the browser.

Following are scenarios when the rich client may become unresponsive:

- o Launch the rich client and authenticate using Security Services logon.
- o Launch Active Workspace, which participates in the same single sign-on session.
- o Log off from Active Workspace and the rich client.
- o Close the single sign-on session but keep the browser window open.
- o Use the same browser session and log on to Active Workspace.
- o Start the rich client.

How to work around or avoid

Open the **Session Agent** applet window and click **Teamcenter**.

- **Logon fails if hosts do not match**

(First published Active Workspace 2.3)

If there is a mismatch between the host used to define the **AppID** for Active Workspace in Security Services and the URL that the user navigates to in the browser, the logon fails in a loop.

For example, assume that the **awHost1** machine has the IP address of **123.456.78.910**.

The administrator configures the Active Workspace **AppID** in Security Services to use **http://123.456.78.910:7001**. The user navigates to **http://awHost1:7001/awc**. The result is that after authenticating with Security Services, the logon fails and goes in an infinite loop. This occurs because the session cookie is stored under a different URL than that which the user navigated to.

How to work around or avoid

Ensure that the host in both URLs match. In the preceding example, either the administrator should configure the **AppID** to point to **http://awHost1:7001**, or the user should navigate to **http://123.456.78.910/7001/awc**.

- **Entering an invalid PKI PIN does not display an error message**

(First published Active Workspace 2.2)

After creating an item and removing your PKI card, you then select the item to sign it. At this point, you are prompted to enter your PKI card. Reinsert your card and then enter an invalid PIN. You should receive an error message stating your PIN is invalid. However, no message appears.

How to work around or avoid

Apply the workaround from Microsoft (<http://support.microsoft.com/kb/2598670>) for Internet Explorer 9. Internet Explorer 10 does not have this issue.

Structured content

- **Product search (in-context search) returns no results**

(First published Active Workspace 2.4)

If a product is indexed with unit effectivity, structure navigation is available, but you cannot search for a part in the product or apply filters to navigate through the product.

How to work around or avoid

Create a revision rule with the desired effectivity, and use that rule to index the product.

- **bomindex_admin utility cannot delete indexed configuration**

(First published Active Workspace 2.4)

The **bomindex_admin** utility cannot delete an indexed configuration if two or more configurations are present for same product. For example, one configuration has unit effectivity and another has date effectivity. The index administrator observes that after running the **bomindex_admin** utility, products listed in the input file are not marked for deletion (that is, they do not display the **MarkedForDeletion** state).

How to work around or avoid

1. Run the **bomindex_admin** utility with the **-function=list** argument.
2. Identify the **Awb0BOMIndexAdminData** object for the configurations that are given in the input file but have not been marked for deletion.
3. Run the **bomindex_admin** utility with the **-function=markForDeletion** argument and **-biad=** the **Awb0BOMIndexAdminData** object identified in the previous step.

- **Oracle database tuning required for initial structure index**

(First published Active Workspace 2.4)

Initial structure indexing consumes more time if the required database statistics are not present in the Oracle database. To improve performance, the temporary table must be cleaned up and statistics for various tables must be generated.

How to work around or avoid

1. Log on to SQL*Plus:

```
sqlplus username/password@SID
```

2. Run the following commands:

```
REM Common setting to generate the SQL scripts.
SET HEADING OFF;
SET ECHO OFF;
SET FEEDBACK OFF;
SET VERIFY OFF;
SET WRAP OFF;
SET TERM OFF
SET LINESIZE 300;
SET SQLP "REM SQL>"

SPOOL tablePara.sql
SELECT 'ALTER TABLE ' || ptname || ' PARALLEL 1;' FROM ppom_class WHERE ptname IS NOT NULL;
SELECT 'ALTER TABLE ' || pdbname || ' PARALLEL 1;' FROM ppom_attribute WHERE plength=-1;
SPOOL off
@tablePara.sql
```

```

REM Clear the Temporary tables
SPOOL clearTempTables.sql
SELECT ' DROP TABLE ' || TABLE_NAME || ';' FROM ( SELECT rownum as ppp_reserved_count_ppp,
USER TABLES.TABLE_NAME, USER OBJECTS.CREATED FROM USER TABLES JOIN USER OBJECTS ON
USER TABLES.TABLE_NAME = USER OBJECTS.OBJECT_NAME) WHERE USER TABLES.TEMPORARY = 'Y'
ORDER BY USER TABLES.TABLE_NAME) WHERE ppp_reserved_count_ppp >= 1
and ppp_reserved_count_ppp <= 500;
SPOOL OFF;
@clearTempTables.sql

REM-----
REM Script to regenerate the stat as well as all TIE table indexes stats.
REM This script needs to be run after executing dbms_stats.gather_schema_stats.
REM Oracle only
REM-----
SPOOL regenerateStats.sql
SELECT 'exec dbms_stats.gather_table_stats(ownname =>' || ''' ' || owner || ''' ' ||
',tabname =>' || ''' ' || table_name || ''' ' || ',estimate_percent => 100, method opt => ' ||
' ' || 'FOR ALL COLUMNS SIZE 1' || ''' ' || ',degree=>8,cascade=>true);' FROM dba_tables
WHERE sample_size < num_rows;
SPOOL off
@regenerateStats.sql

exec dbms_stats.gather_fixed_objects_stats;

exit;

```

- **Security on compounded VLA properties**

(First published Active Workspace 2.4)

This not applies to Active Workspace

You can define compound properties on a **BOMLine** business object that are sourced from a custom form attached to an item revision. If the object owner denies access to the custom form (for example, to the **Group1** group), the values of compound variable length array (VLA) properties are displayed in Active Workspace for any user belonging to **Group1** even though they should not be shown.

How to work around or avoid

Currently, there is no workaround for this problem. Support for security of compound VLA properties on indexed BOM objects will be available in a future version of Active Workspace.

- **Results differ on an indexed structure compared to a nonindexed structure**

(First published Active Workspace 2.4)

In a nonindexed structure, if you do not have access to a revision configured by a revision rule, Teamcenter looks for the last revision to which you have access and configures it accordingly. This case is not true with an indexed structure.

How to work around or avoid

Currently, there is no workaround for this problem. Automatically looking for the last accessible revision is not supported in indexed structures.

- **Configuring structure with date effectivity and an end item**

(First published Active Workspace 2.4)

Configuration of a structure with date effectivity and an end item is incorrect when the revision rule does not have end item entry and the item revision or PS occurrence has an effectivity with a date and an end item.

How to work around or avoid

Define the end item in the revision rule.

- **Structure synchronization for subset of PRGCD42 program fails**

(First published Active Workspace 2.3)

The index generation module is enhanced to handle read expressions of any length. (In Active Workspace 2.2, this was limited to 8000 characters.)

How to work around or avoid

Due to these changes, when upgrading from Active Workspace 2.2 to 2.3, perform the following steps:

1. Drop the **TIE_AM_HASHED_READEXPR** table using the following commands:

```
TRUNCATE TABLE TIE_AM_HASHED_READEXPR;
DROP TABLE TIE_AM_HASHED_READEXPR;
```

This table is created with the correct definition the next time the structure indexer runs.

2. Re-index the structures using the following commands:

```
runTcFTSIndexer -task=structure:resetall
runTcFTSIndexer -task=structure:sync
```

- **Some structures not indexed in context**

(First published Active Workspace 2.3)

The ability to find content within a context requires the structures to be indexed to enable the search capabilities. If the context is initially created from nonindexed content, the search does not return any results even if indexed structures are added to the context.

How to work around or avoid

When creating a working context, start with an indexed structure as the first content added. If you have already created a context, create a new one adding each of the structures starting with an indexed structure.

- **Effectivity information is not displayed in the active content configuration panel**

(First published Active Workspace 2.3)

If a revision rule has effectivity and if the rule is used for configuring a structure, the effectivity from the revision rule is not populated on the configuration panel of **Content** tab.

How to work around or avoid

Currently, there is no workaround to this problem.

- **Configuration of indexed product with saved variant rule (SVR) is incorrect**

(First published Active Workspace 2.3)

When a saved variant rule (SVR) does not have default values set the same as those the user has set, the configuration of the indexed product is incorrect. This is a problem only on Active Workspace based on Teamcenter 10.1.2.2.

How to work around or avoid

When creating a saved variant rule, select the **Save derived and defaults as set by user** check box so that you capture the configuration information correctly in the SVR.

- **Structure synchronization fails for RTT_BOMLINE table creation**

(First published Active Workspace 2.3)

When an administrator generates a structure index for the first time, it fails with an error message similar to the following:

```
NOTE <timestamp> -
<user information> - EIM does table exist: RTT_BOMLine is not there -
Teamcenter.POM at D:\tc10121x_win64\src\foundation\pom\eim\eim_tables.cxx(1250)
Creating temp table
*** EIM_check_error: parse_error_offset 0
*** EIM_check_error: code -955
NOTE <timestamp> -
<user information> - (EIM_trans_util) ORA-00955: name is already used by an existing object
```

The typical cause of a `name is already used` error occurs only on Oracle. The first session finds the table doesn't exist and tries to create it. However, another session is created in a narrow time window between the check and the create.

How to work around or avoid

Use the **recoverFailures** task of the structure indexer as follows.

```
runTcFTSIndexer -task=structure:recoverfailures
```

The structure synchronization indexes the failed product configurations in the next run.

Systems Engineering

- **Architecture tab is not visible for custom business objects**

(First published Active Workspace 2.4)

The **Architecture** tab is not visible for custom business objects. The visibility of the **Architecture** tab is set by the **awb0AvailableFor** business object constant on the **Ase0ArchitectureFeature** business object.

How to work around or avoid

Determine the business object types that require the **Architecture** tab. From these types, determine those that are the top line in structures. Add only those types to the value of the **awb0AvailableFor** business object constant on the **Ase0ArchitectureFeature** business object. (In Teamcenter 9.1.3.4, the string length of the business object constant value is limited to 240 characters. In Teamcenter 10.1.2 and later, the string length is extended to 2000 characters.)

- **Diagram information is not saved when you work in network view**

(First published Active Workspace 2.4)

Any changes made to a diagram in network view are not saved.

How to work around or avoid

Changes to a diagram should be made in nested view only.

- **The port change direction window is not displayed**

(First published Active Workspace 2.4)

The port change direction window is not displayed.

How to work around or avoid

In the **Architecture** tab, the port change direction window is not shown for the following cases:

- o When the port has any connection visible in the diagram.
- o When the port has any connection added to the diagram but is filtered from the relations legend.

For the remaining cases, the change port direction windows is displayed.

- **Unexpected behavior occurs in the relations legend**

(First published Active Workspace 2.4)

Unexpected behavior occurs in the relations legend when you try to hide an object type.

What remains on the diagram is governed by root nodes. All nonroot nodes are filtered out and only root nodes are visible on the diagram after applying the filter from the relations legend.

- o Assigning the root node

The root node in the diagram is assigned based on the following principles:

- The diagram is empty and the user toggles on an object in diagram. It becomes the root node.

- In a given branch, only one root node can exist.
 - The root node is always the leaf node or the last node in the object hierarchy.
 - There can be multiple root nodes on diagram provided they all belong to a different branch or object hierarchy.
- o Children expansion
When children are expanded, the root node is reset based on the preceding principles and the children become the root.
 - o Parent expansion
Expanding the parent has no effect on the root node.

Visualization

- **Cannot measure 3D line sets**

(First published Active Workspace 2.4)

Measurements for 3D line sets cannot be created.

How to work around or avoid

Currently, there is no workaround for this problem.

- **No Fit icon when opening an image capture object**

(First published Active Workspace 2.4)

When opening an image capture object using the **Open** button on the object itself, the **Fit** button is not available in the commands area.

How to work around or avoid

To view image captures with the **Fit** button available, access the image captures from the **Capture** tool when viewing data in the **Viewer** tab.

- **Manually entering volume filter corner values**

(First published Active Workspace 2.4)

When manually entering corner values in the Geometric Analysis tool for volume search, the bounding box in the viewer does not update to reflect those new values.

How to work around or avoid

Add items to the targets list to define the bounding box for the search/filter operation.

- **Geometric Analysis exponential corner values**

(First published Active Workspace 2.4)

Entering exponential values for corner values in the Geometric Analysis tool volume search may not always be recognized as an invalid entry.

How to work around or avoid

Use real decimal numbers instead of exponential numbers.

- **Visualization offset slider bar stuck to the right**

(First published Active Workspace 2.3)

When showing the floor in the viewer display panel, the floor offset slider may appear next to the **+** button the first time the slider is displayed for each viewer load instead of in the middle of the slider.

How to work around or avoid

Click the slider button. It repositions itself in the middle of the slider control and can then be used.

- **Selection of Product and Manufacturing Information (PMI) entities in the 3D viewer area is disabled**

(First published Active Workspace 2.2)

Active Workspace does not support the selection of PMI entities in the 3D viewer area.

How to work around or avoid

PMI selection is available through the **PMI** panel in the **Model Views** (if they exist) and **Types** tabs.

On the **Model Views** tab, select a model view and if it contains PMI entities, the model view expands and you can select a PMI entity by clicking on the entity name.

On the **Types** tab, expand a group by selecting the group name and then select a PMI entity by clicking the entity name. If the entity was not visible, it is made visible and selected. If the entity was already visible, clicking the name selects it.

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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