



# **Aras 3D Visualization**

## **12.0R3**

### **Release Notes**

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## Table of Contents

<b>Send Us Your Comments .....</b>	<b>4</b>
<b>Document Conventions .....</b>	<b>5</b>
<b>1 Release History .....</b>	<b>6</b>
<b>2 Platform Support Matrix .....</b>	<b>7</b>
<b>3 Enhancements, Bug Fixes, and Known Issues .....</b>	<b>8</b>
3.1 Version 12.0R3.....	8
3.1.1 <i>Enhancements in Aras 3D Visualization 12.0R3</i> .....	8
3.1.2 <i>Issues Fixed in Aras 3D Visualization 12.0R3</i> .....	8
3.1.3 <i>Known Issues in Aras 3D Visualization 12.0R3</i> .....	8

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# Document Conventions

The following table highlights the document conventions used in the document:

Table 1: Document Conventions

Convention	Description
<b>Bold</b>	Emphasizes the names of menu items, dialog boxes, dialog box elements, and commands. Example: Click <b>OK</b> .
Code	Code examples appear in <code>courier</code> font. It may represent text you type or data you read.
<code>Yellow highlight</code>	Code highlighted in yellow draws attention to the code that is being indicated in the content.
<code>Yellow highlight with red text</code>	Red text highlighted in yellow indicates the code parameter that needs to be changed or replaced.
<i>Italics</i>	Reference to other documents.
<b>Note:</b>	Notes contain additional useful information.
<b>Warning</b>	Warnings contain important information. Pay special attention to information highlighted this way.
Successive menu choices	Successive menu choices may appear with a greater than sign (-->) between the items that you will select consecutively. Example: Navigate to <b>File --&gt; Save --&gt; OK</b> .

# 1 Release History

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Version	Date	Comments
12.0R2	2021-07-02	Initial release as a platform component separate from Aras Innovator
12.0R3	2021-08-02	Patch Release

## 2 Platform Support Matrix

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The following software versions are supported by Aras 3D Visualization 12.0R3:

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<b>Aras Innovator</b>	12.0 SP18 12.0 SP17 12.0 SP16 12.0 SP15 12.0 SP14
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<b>Edge</b>	
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<b>Firefox</b>	68 ESR 78 ESR
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<b>Chrome</b>	Chrome 89 (Minimum)
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<b>Client OS</b>	MS Windows – 10, 8.1 MAC – OS X 10.15 (Catalina)
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<b>Server OS</b>	Windows Server 2019 Windows Server 2016 Windows Server 2012 R2 Windows Server 2012
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<b>.Net</b>	4.7.2
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## 3 Enhancements, Bug Fixes, and Known Issues

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### 3.1 Version 12.0R3

#### 3.1.1 Enhancements in Aras 3D Visualization 12.0R3

Now supports conversion of new Import CAD file versions: Catia V5 up to V5-R2021, NX - Unigraphics V11.0 to NX 12.0, and 1953, Parasolid up to v33, Revit 2015 - 2021, Rhino 3D 4, 5, 6, and 7, Sketchup up to 2021 (Windows Only), Solid Edge V19 - 20, ST - ST10, 2021. Please see the included documentation for a complete description of available supported file formats: [\\HOOPS\\_Converter\Documentation\online\\_docs.html](\\HOOPS_Converter\Documentation\online_docs.html)

#### 3.1.2 Issues Fixed in Aras 3D Visualization 12.0R3

Issue #	Description
F-005006	The Aras CAD to PDF Converter task would start, but not always finish. This was an intermittent problem that has been resolved.
F-005148	CAD converter now supports for CATIA R021, NX 1953, Revit / SolidEdge 2021.

#### 3.1.3 Known Issues in Aras 3D Visualization 12.0R3

Issue #	Description	Workaround
IR-093149	After upgrading Aras Innovator to a newer service pack, Conversion Tasks fail with a message "The specified network password is not correct"	The error means <code>\ConversionServer\AppData\Certificates\ConversionServer.pfx</code> file has been incorrectly overwritten during the upgrade. Copy this file from the pre-upgrade copy of the Conversion Server and paste it into the upgraded one.
I-034521	After upgrading Aras Innovator to a newer service pack, Conversion Tasks fail with a message "Custom 'Aras CAD to PDF Converter' converter Type wasn't created."	Reinstall Aras 3D Visualization

Issue #	Description	Workaround
I-034528	After upgrading Aras Innovator to a newer service pack, when users attempt to view a CAD assembly in the dynamic viewer, they will get an Internal Server error that methodType parameter cannot be null.	Reinstall Aras 3D Visualization
I-034532	After upgrading Aras Innovator to a newer service pack, when users attempt to view any CAD item in the 3D Viewers, they will get a message that 3D Visualization is not installed.	Reinstall Aras 3D Visualization
IR-040677	When using Firefox, HWF files can fail to show the <b>View</b> tab.	
I-022139, IR-065800	If a user activates 'Pick Plane' from <b>Cross Section</b> dialog and then opens the <b>View</b> tab, they will see multiple copies of 'Pick Plane' instead of just one.	
I-010514	When using the Dynamic Viewer in Firefox 68 and opening and closing the Discussion Panel multiple times, the Viewer portion of the window might not resize properly until the window is refreshed.	
I-012156	When moving Cross-Section Plane around in the <b>Viewer</b> tab, the geometry may be cut with an incorrect offset. This issue affects only the Chrome browser.	
I-020145	When loading the Dynamic Viewer in Firefox 68 for the first time, the toolbar will not display.	Issue reproduces for only the first-time load. Refreshing or reopening the window permanently resolves the problem.

<b>Issue #</b>	<b>Description</b>	<b>Workaround</b>
I-029377	If "Execute Query on Opening Dynamic Viewer" is checked in Secure Social Preferences, users will initially see the Tree Grid View populate but the viewer will be empty when loading the Dynamic Viewer.	Use the manual refresh in the Tree Grid View Toolbar, and the Dynamic Viewer will populate.

