

# Aras Innovator Viewer Add-Ons



**Aras Innovator 8.1**

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# Overview

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Aras Innovator has made a change in the way some files will be viewed using the software. In versions prior to Aras Innovator 8, there were three Items listed in the Viewers Item type.

- Aras Innovator – Used to view 2D images like TIFF files
- Helper App – Used to display custom help files
- JVUE – Cimmetry Viewer used to view things like CAD drawings.

These Items will no longer be added to the Viewer Item Type with new installs. However, we realize that some customers will still be using these features, and do not want to prevent them from doing so. So, we will leave the software used in these features available with install and have it as an available add-on.

There are two items that need to be addressed in this document to make this optional for all customers.

- How to disable these features for existing databases.
- How to enable these features for new databases.



# 1 Instructions

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This section will provide the instructions for disabling and enabling the viewers.

## 1.1 Disabling viewers in existing databases.

The following steps outline the procedure for removing database references to the viewers.

### 1.1.1 Step 1 – Notify Users

Notify all Aras Innovator users that at a designated time you (the Administrator) will be making a change to the database and everyone must log out. The change process described in the steps below requires database modification. So, the database will be temporarily disconnected from Aras Innovator. Any user, who does not log out of Aras Innovator, will surely lose their work.

### 1.1.2 Step 2 – Disable the Database connection

In this step we will disconnect the database, so that no changes could be made to the table while this change is being performed

- 1) Open the InnovatorServerConfig.xml file
- 2) Find the line for the database you wish to update. It should look similar to:  
`<DB-Connection id="SolutionsS81" database="SolutionsS81" server="localhost" uid="innovator" pwd="innovator" dbType="SQL Server" />`
- 3) Change the line by adding an x in front of the DB-Connection, like this:  
`<xDB-Connection id="SolutionsS81" database="SolutionsS81" server="localhost" uid="innovator" pwd="innovator" dbType="SQL Server" />`
- 4) Save the file and close

### 1.1.3 Step 3 – Run SQL statement to disable Helper App viewer

This step will disable the Helper App viewer, installed with previous Aras Innovator databases.

- 1) Open Enterprise Manager
- 2) Find the Database for the Innovator to be updated. Please be certain that this is the same database that you disconnected earlier from the InnovatorServerConfig.xml file.
- 3) Highlight the database and select from the main menu: Tools → SQL Query Analyzer
- 4) Input the following query:

```
DELETE FROM innovator.VIEWER WHERE ID =  
'53D5121E8FC1491193F7BF639A2B89BB'
```

- 5) Run the query.

### 1.1.4 Step 4 – Run SQL statement to disable Aras Innovator viewer

This step will disable the Aras viewer, installed with previous Aras Innovator databases.

- 6) Open Enterprise Manager



- 7) Find the Database for the Innovator to be updated. Please be certain that this is the same database that you disconnected earlier from the InnovatorServerConfig.xml file.
- 8) Find the table called ItemType
- 9) Highlight the table and select from the main menu: Tools → SQL Query Analyzer
- 10) Input the following query:

```
DELETE FROM innovator.VIEW_WITH WHERE ID =  
'D90345DC7DDE4720A8CB7827F0830052'
```

- 11) Run the query.
- 12) Input the following query:

```
DELETE FROM innovator.VIEWER WHERE ID =  
'A3E0D1470B494576941AB86366BBB85C'
```

- 13) Run the query.

### 1.1.5 Step 5 – Run SQL statement to disable JVUE viewer

This step will disable the JVUE viewer, installed with previous Innovator databases.

- 14) Open Enterprise Manager
- 15) Find the Database for Aras Innovator to be updated. Please be certain that this is the same database that you disconnected earlier from the InnovatorServerConfig.xml file.
- 16) Find the table called ItemType
- 17) Highlight the table and select from the main menu: Tools → SQL Query Analyzer
- 18) Input the following query:

```
DELETE FROM innovator.VIEW_WITH WHERE ID IN  
( '03F06E9837F1401A9B8D72DDDD08C986', '14ED53AE36444304849038080AC59892',  
'2D2719395C4349C08BD661444BAEC818', '42E94612B9CF48B1810FEC5DE1EDF25F',  
'5305A80718064B729A67BD4E5DC40978', '65A1FCF6C2CE4BA8BDAC6B4538CE8E1E',  
'738F8380AE43442ABA43DC6CC0CA3481', '913B42B5EE6D4F3D8B8CA0615B0387BA',  
'9BC4F9220E8E450BAF5AE9F4DDDB056F', 'C8B56B87DD7A46D788E502B611006862',  
'D12955C83D6F454C94F2146D431CD038', 'D2594CD08B9844BEB8C468FB7B61F3E2',  
'E97E5965E0434F10ACB49FDC4E38EFA2', 'EE606BEBF8B74072AC66EF6ED9AD1021',  
'FA6E2EB410534EA6AF7391D95BE636A0', 'FC8CEE76853648EF8AA3BAF5D51EDCD9')
```

- 19) Run the query.
- 20) Input the following query:

```
DELETE FROM innovator.VIEWER WHERE ID =  
'43744D2D203B426CB8675A0E7F70930B'
```

- 21) Run the query.

### 1.1.6 Step 6 – Enable Database connection

- 1) Open the InnovatorServerConfig.xml file
- 2) Find the line for the database updated in Step 3



- a. It should look similar to:  

```
<xDB-Connection id="SolutionsS81" database="SolutionsS81" server="localhost"
uid="innovator" pwd="innovator" dbType="SQL Server" />
```
- 3) Change the line by removing the x in front of the DB-Connection
  - a. It should now look similar to:  

```
<DB-Connection id="SolutionsS81" database="SolutionsS81" server="localhost"
uid="innovator" pwd="innovator" dbType="SQL Server" />
```
- 4) Save the file and close

### 1.1.7 Step 7 – Restart IIS

- 1) From the Windows Start Menu
  - a. Select Start → Settings → Control Panel
- 2) Open Administrative Tools
- 3) Open Services
- 4) Find the World Wide Web Publishing service
  - a. Right click on World Wide Web Publishing service
  - b. Select Restart

### 1.1.8 Step 8 – Notify Users

Notify Users that they can now safely log back into Innovator.

## 1.2 Adding viewers in new databases.

The following steps outline the procedure for enabling viewers for a file type.

### 1.2.1 Enabling the Viewer

These steps will use the Aras viewer as an example. Please, refer to the table in section 2.2.3 for other Viewers.

- 1) Log into Innovator as an administrative user
- 2) From the TOC select Administration → Viewers
- 3) From the main toolbar select New Item
- 4) In the Viewer form, fill in the following values
  - a. Name = Aras
  - b. Description = Built-in 2-D Image viewer
  - c. Viewer URL = viewers/aras.html
- 5) Save, Unlock, and Close

### 1.2.2 Associating the File Type with the Viewer

These steps will use the TIFF file type as an example. Please, refer to the table in section 2.2.4 for other File Types

- 1) Log into Innovator as an administrative user
- 2) From the TOC select Administration → File Type
- 3) Search for the File Type where Name = TIFF
  - a. Open in edit mode
- 4) Select the View With relationship tab





- 5) From the relationship toolbar, select New Relationship
  - a. Search for and select Aras viewer.
  - b. Select green checkmark Return Selected button from the search dialog toolbar.
- 6) Save, Unlock, and Close

### 1.2.3 Other Viewers

The table below provides the value for the properties of the Viewer item type for each of the viewers that can be enabled with a standard Aras Innovator install.

Name	Description	Viewer URL
Aras	Built-in 2-D Image Viewer	viewers/aras.html
Helper App	Browser will launch the Helper App	viewers/helper_app.html
JVUE	Cimmetry Jvue	viewers/jvue.html

### 1.2.4 File types associated with a viewer

The table below provides the file types associated with a particular viewer. This list is based off of a standard install, prior to the release of Aras Innovator 8, and is for reference when trying to enable a viewer for any of these file types.

File Type Name	File Type Extension	Viewer Name
TIFF	tif,tiff,gp4	Aras
AUTOCAD	dwf	JVUE
AUTOCAD	dwg	JVUE
CATIA	model	JVUE
EDM DVF	dvf	JVUE
HPGL	plt	JVUE
HPGL	hpg	JVUE
IGES	igs	JVUE
INVENTOR	iam	JVUE
INVENTOR	idw	JVUE
Microstation DGN	dgn	JVUE
ProE Assembly	asm	JVUE
ProE Assembly	prt	JVUE
SOLIDWORKS	sldprt	JVUE
SOLIDWORKS	sldasm	JVUE
SOLIDWORKS	slddrw	JVUE
UNIGRAPHICS	prt2	JVUE

