

## **Enhancements in Aras Innovator 12.0 SP12**

### **Improvements to Configurator Services and Effectivity Services**

- Aras Innovator Configurator Services and Effectivity Services have been improved with the addition of a new transformation algorithm. The improvements target how to solve a variability system and determine effective items.

### **Multi-selection from Items in CMF Documents**

- This enhancement allows users to select multiple entries at once to apply to bound Items while adding content to a CMF (ex. DFMEA / PFMEA) Document.

### **Agent service now on .NET Core 3.1**

- Aras Innovator Agent Service now runs on .NET Core 3.1. The benefit of this change will allow the long term use of a supported version of .NET Core which will enable future enhancements on Windows platforms as well as the possibility of expanding into the Linux platform. This change also allows the Agent Service to support a "Graceful shutdown mechanism".

### **Zoom to Selection**

- Provides an alternative viewing function for the 3D Monolithic and Dynamic Viewers to zoom by a selected area in the viewer.

### **Zoom to Cursor Position**

- Provides an alternative viewing function for the 3D Monolithic and Dynamic Viewers to zoom around the current mouse/cursor position.

### **Update to Document Types**

- The Document Type CSS Style Editor has been enhanced to provide syntax highlighting and a visual indication when CSS Content doesn't conform to CSS syntax rules.
- Adds a Default Lifecycle and related Permissions to be applied to the Document Type. These Items can be applied at the discretion of the Aras Innovator Administrator.

### **Date operators in Simple Search**

- Simple search mode now supports operators for searches on Date properties, including >, >=, <, <=, and ... (range)

### **Improved client synchronization**

- Improved synchronization within the user's client session, so that commands such as Edit, Claim, Save, and Done accurately update the item's edit state (like claim and edit icons) across every place that item is displayed in the current session.

### **Enabler for Aras Innovator Container Deployment**

- Aras Innovator has been modified to work inside of a containerized deployment. This feature is not available at the time of release of Aras Innovator 12.0 SP12 but will be made available as a separate update to Aras Innovator 12.0 SP12 called Aras Innovator Containerized Deployment or AICD for short. AICD will allow the deployment of Aras Innovator 12.0 SP12 in docker containers on Microsoft Azure when released.

### **Improved configurability of Item display in Results for Enterprise Search**

- Provides the ability to select which properties are shown in what order in the Title, Sub Title and Additional Info section for each ItemType of the Search Results in Enterprise Search.

#### **Improved usability of options list in Filter popup for Enterprise Search**

- Improved usability of the Filter popup in Search Results of Enterprise Search with the ability to view "Everything" or "Selected" options

#### **Mass expand/collapse functionality for Enterprise Search.**

- Enterprise Search now has a new control to Expand or Collapse all existing filters at once. This will make it easier to find the desired filters.

### **1.1.1 Issues Fixed in Aras Innovator 12.0 SP12**

<b>Issue #</b>	<b>Description</b>
F-001508	Aras Update Packages were added to make the installation and configuration of the Dynamic Viewer and CAD to PDF Conversion easier/quicker for Administrators.
F-002001	Simple search mode now supports operators for searches on Date properties, including >, >=, <, <=, and ... (range).
F-002221	Improved synchronization within the user's client session, so that commands such as Edit, Claim, Save, and Done accurately update the item's edit state (like claim and edit icons) across every place that item is displayed in the current session.
F-002838	Provides an alternative viewing function for the 3D Monolithic and Dynamic Viewers to zoom by a selected area in the viewer.
F-002849	Configurator Services and Effectivity Services have been enhanced by adding a new CNF transformation algorithm.
F-003031	Provides an alternative viewing function for the 3D Monolithic and Dynamic Viewers to zoom around the current mouse/cursor position.
F-003064	Added Viewer Preferences dialog to provide an interface for new and future 3D Viewer Preference selections.
F-003069	Improved client cache management on log in of Aras Innovator, when using HTTPS.
F-003148	The Document Type CSS Style Editor has been enhanced to provide syntax highlighting and a visual indication when CSS Content doesn't conform to CSS syntax rules.

<b>Issue #</b>	<b>Description</b>
F-003281	Added a Default Lifecycle and related Permissions to be applied to the Document Type for the Technical Document Framework. These Items can be applied at the discretion of the Aras Innovator Administrator.
I-012327	Corrected an issue in which, in the 3D Viewer, hiding or showing a single component which had several instances would hide or show the component in all instances. The system now, correctly, hides or shows the component only in the selected instance.
I-024250, I-024182	Relationship grids for the Workflow Map ItemType have been updated so that the Edit option is now present in context menus of these grids.
I-024602, 088039	Fixed an issue where HTML formatted text in "Formatted Text" cells was not being displayed along with images.