

# aras INNOVATOR® VERSION 9.3.0 SP4

Aras Innovator 9.3.0 SP4 is a patch release. Its primary objective is to provide enhancements for visualization capabilities in the conversion server. Its secondary objective is to fix a small number of critical issues identified by Subscribers.

- **Enhancements in 9.3.0 SP4**

- Enhanced conversion capabilities from Actify© to enable creation of viewable files and thumbnails of multi-level multi-file CAD assemblies.
- Provided a simple, visual mechanism in the filter criteria of the simple search mode, the filter criteria of the advanced search mode, and in configurable grids to launch secondary dialogs in addition to the F2 hotkey

- **Affected Versions**

Aras Innovator 9.3.0  
 Aras Innovator 9.3.0 SP1  
 Aras Innovator 9.3.0 SP2  
 Aras Innovator 9.3.0 SP3

- **Issues Fixed in 9.3.0 SP4**

#### Framework

Required	Issue #	Description
Yes	015727, 018464	Issues that can occur when parallel paths use looping in Workflow Map with Wait For All Inputs on automatic Activities are rectified.
Yes	016266, 0018450	Relationship grids enhanced to eliminate issues displaying multi-valued list search criteria.
Yes	018211, 018316	Problems with method PE_GetResolvedStructure are rectified. Issues were related to calling the method with repeatTimes greater than 0 and to retrieving asReleased configurations.
Yes	018271	Enhanced Reporting Services portal page to allow the configuration to specify the domain in the portal login credentials.
Yes	018275	Provided a simple, visual mechanism to launch item search dialog in addition to the F2 hotkey in the simple search, advanced search and configurable grid.
Yes	018387	Failure to Float when a versionable item is referenced by two of more items belonging to the different Item Types is eliminated.
Yes	018401	Fixed issue that caused the Export to Excel and Export to Words buttons to become temporarily disabled on Relationship Tabs when they should be enabled
Yes	018456	Enhanced Actify-based Conversion server to enable creation of viewable files and thumbnails of multi-level multi-file CAD assemblies.
Yes	018456	Improved memory utilization of Innovator Server. Utilization of Heap memory reduced by factor of 10-20.
Yes	018468	Aras Innovator core code was changed to never substitute (float) related_id value with the id of the latest version of a child for relationships with "fixed" and "hard fixed" behavior flag.