# aras INNOVATOR® VERSION 9.4.0 SP3

Aras Innovator 9.4.0 SP3 is a patch release. Its primary objective is to introduce a new CAD to PDF converter. Its secondary objective is to fix a number of critical issues identified by Subscribers.

- **Enhancements in 9.4.0 SP3**

    - Framework
        - Ability to use an Item property as part of a keyed name
        - Vault Server improvements for performance and error handling
    - Tools and Utilities
        - Improved Aras CAD to PDF Converter

- **Affected Versions**

    Aras Innovator 9.4.0
    Aras Innovator 9.4.0 SP1
    Aras Innovator 9.4.0 SP2

- **Issues Fixed in 9.4.0 SP3**

    **Framework**

| Required | Issue # | Description |
|---|---|---|
| Yes | 026626 | There have been significant updates to the code responsible for uploading of files to the vault server. These changes are focused on better handling of error conditions that may occur during the file upload. It is highly recommended that all customers upgrade to take advantage of these improvements to the product. |
| Yes | 003394 | Introduced the ability to use the keyed_name of an Item property value as part of the keyed_name of the ItemType. |
| Yes | 021549 | Enhanced the Structure Browser and Where Used functionality to enforce can_get access on the query result. |
| Yes | 022874 | Improved Workflow Maps to eliminate condition that could prevent programmatically cancelling a Workflow Process |
| Yes | 026547, 026872, 026873 | Improvements to the vault related to the check-in and checkout manager APIs utilized by CAD connectors to improve performance during check in and check out of large assemblies. |
| Yes | 025766, 024722, 025730 | Fixed condition that could prevent the purging a generation from a versionable Item that is currently in an is_released=1 state. |
| Yes | 025638 | Eliminated redundant reminder emails that were being sent to Activity Assignees that had already voted. |
| Yes | 025366 | Fixed and issue that could cause Workflow Variables to be checked based on label and not name when completing an Activity. |
| Yes | 022696, 022740, 022756, 022759, 022827, 022892, 024165, 024199, 024210 | Improvements found as a result of the scalability benchmark testing |
| Yes | 024989 | Improvements to the CAD to PDF Converter that include expanded file type support. Use of the new converter requires an update to the feature license key. Subscribers who are upgrading should contact Aras to request a new activation key. |
| Yes | 025344, 025374, 025376 | Batch loader improvements to better handle the prevention and logging of deadlock errors. |