

Aras Innovator 11

Release Notes

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Aras Corporation
300 Brickstone Square
Suite 700
Andover, MA 01810

Phone: 978-691-8900

Fax: 978-794-9826

E-mail: Support@aras.com

Website: <http://www.aras.com>

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Table of Contents

Send Us Your Comments	4
Document Conventions	5
1 Release History	6
2 Upgrading from Previous Releases	7
2.1 Upgrading to Aras Innovator 11 from Aras Innovator 10	7
2.2 Upgrading to Aras Innovator 11 from Earlier Releases	7
2.3 Upgrading to Aras Innovator 11.0 SP5 from Aras Innovator 11	7
3 Enhancements, Bug Fixes, and Known Issues	8
3.1 Version 11.0 SP5	8
3.1.1 <i>Enhancements in Aras Innovator 11.0 SP5</i>	8
3.1.2 <i>Issues Fixed in Aras Innovator 11.0 SP5</i>	9
3.1.3 <i>Known Issues in Aras Innovator 11.0 SP5</i>	9
3.2 Version 11.0 SP4	12
3.2.1 <i>Enhancements in Aras Innovator 11.0 SP4</i>	12
3.2.2 <i>Issues Fixed in Aras Innovator 11.0 SP4</i>	12
3.2.3 <i>Known Issues in Aras Innovator 11.0 SP4</i>	13
3.3 Version 11.0 SP3	16
3.3.1 <i>Enhancements in Aras Innovator 11.0 SP3</i>	16
3.3.2 <i>Issues Fixed in Aras Innovator 11.0 SP3</i>	16
3.3.3 <i>Known Issues in Aras Innovator 11.0 SP3</i>	17
3.4 Version 11.0 SP2	19
3.4.1 <i>Enhancements in Aras Innovator 11.0 SP2</i>	19
3.4.2 <i>Issues Fixed in Aras Innovator 11.0 SP2</i>	19
3.4.3 <i>Known Issues in Aras Innovator 11.0 SP2</i>	19
3.5 Version 11.0 SP1	21
3.5.1 <i>Enhancements in Aras Innovator 11.0 SP1</i>	21
3.5.2 <i>Issues Fixed in Aras Innovator 11.0 SP1</i>	21
3.5.3 <i>Known Issues in Aras Innovator 11.0 SP1</i>	23
3.6 Version 11	24
3.6.1 <i>Enhancements in Aras Innovator 11.0</i>	24
3.6.2 <i>Enhancements in Aras Program Management 11.0R1</i>	25
3.6.3 <i>Issues Fixed in Aras Innovator 11.0</i>	25
3.6.4 <i>Known Issues in Aras Innovator 11.0</i>	28

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Aras Corporation welcomes your comments and suggestions on the quality and usefulness of this document. Your input is an important part of the information used for future revisions.

- Did you find any errors?
- Is the information clearly presented?
- Do you need more information? If so, where and what level of detail?
- Are the examples correct? Do you need more examples?
- What features did you like most?

If you find any errors or have any other suggestions for improvement, indicate the document title, and the chapter, section, and page number (if available).

You can send comments to us in the following ways:

Email:

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Subject: Aras Innovator Documentation

Or,

Postal service:

Aras Corporation

300 Brickstone Square

Suite 700

Andover, MA 01810

Attention: Aras Innovator Documentation

Or,

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978-794-9826

Attn: Aras Innovator Documentation

If you would like a reply, provide your name, email address, address, and telephone number.

If you have usage issues with the software, visit <http://www.aras.com/support/>

Document Conventions

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

Table 1: Document Conventions

Convention	Description
Bold	This shows the names of menu items, dialog boxes, dialog box elements, and commands. Example: Click OK .
Code	Code examples appear in <code>courier</code> text. It may represent text you type or data you read.
Yellow highlight	Code with yellow highlight is used to draw attention to the code that is being indicated in the content.
Yellow highlight with red text	Red color text with yellow highlight is used to indicate the code parameter that needs to be changed or replaced.
<i>Italics</i>	Reference to other documents.
Note:	Notes contain additional useful information.
Warning	Warning contains 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 File --> Save --> OK .

1 Release History

Version	Date	Comments
11.0	2014-12-31	Initial Release
11.0 SP1	2015-03-06	Patch Release
11.0 SP2	2015-04-20	Patch Release
11.0 SP3	2015-07-31	Patch Release
11.0 SP4	2015-10-31	Patch Release
11.0 SP5	2015-12-29	Patch Release

2 Upgrading from Previous Releases

There are multiple potential states from which a Subscriber may wish to upgrade to Aras Innovator 11.

1. Aras Innovator 10 is running in production and you wish to upgrade to the Aras Innovator 11 release.
2. You are running a version of Aras Innovator that is previous to release 10.
3. Aras Innovator 11 is running in production and you wish to upgrade to the Aras Innovator 11.0 SP5 release

The following sections will provide you guidance as to how to upgrade from any of the described states:

2.1 Upgrading to Aras Innovator 11 from Aras Innovator 10

For customers with an active Premiere Subscription, Upgrade Services are available to migrate your production Aras Innovator 10 (any service pack) version directly to Aras Innovator 11.

Customers with an active Premiere Subscription can request Upgrade Services by contacting Aras Support at support@aras.com.

2.2 Upgrading to Aras Innovator 11 from Earlier Releases

Customers with an active Premiere Subscription should contact Aras Support at support@aras.com to discuss the available options.

2.3 Upgrading to Aras Innovator 11.0 SP5 from Aras Innovator 11

Customers with an active subscription running any service pack of Aras Innovator 11 should refer to the *Aras Innovator 11 – Upgrading to Service Pack 5 from Aras Innovator 11.0* document.

3 Enhancements, Bug Fixes, and Known Issues

3.1 Version 11.0 SP5

3.1.1 Enhancements in Aras Innovator 11.0 SP5

Windows 10

Introduced support for Windows 10 as a client operating system, supporting both Internet Explorer 11 and Firefox 38 ESR browsers.

Content Modeling Framework

Content Modeling Framework (CMF) is a new modeling framework that is used to create tabular (Excel-like) documents based on a hierarchical data model of elements that represent the cells in the document. These document elements have configurable data typing and data entry options, and can be optionally mapped to PLM business items, providing the ability to notify the document editor when there are changes to the mapped items. CMF is used as the basis of the Design Quality Document and Process Quality Document editors that are provided in the new Quality Management System (QMS) application.

Command Bar Modeling

Command Bar Modeling is a new administrator capability that supports modeling of toolbars, sidebars, menus, and shortcut keys. Command bars are modeled as Items and configured by designated Identities. This new modeling capability is used within Aras Innovator 11.0 SP5 to make the sidebar and new secondary (content-specific) toolbars and will be extended to support all toolbars and menus in a later release.

Usability and Styling Updates

A few improvements have been made to the behavior and styling of Aras Innovator windows:

- The sidebar (the vertical stripe on the left side of the window) is extended to show new content types, including quality document editor and technical document editor.
- The concept of secondary (content-specific) toolbars is introduced, which provides a second toolbar for commands related to the selected content type, in addition to the main toolbar which provides commands that affect the item overall. For example, this is used by the new quality document editor and technical document editor for specific editing commands.
- All content types, as selected by the sidebar icons, now make use of the full window height. For example, when switching from the Form view to a viewer, it is no longer necessary to minimize the tabs to use the full window.
- The sidebar and discussion panel now extend to the full window height, on the left and right side respectively.
- A new standard “Show Form” icon is displayed at the top of the sidebar to select the Form view, rather than the item’s ItemType icon.
- The “Show Discussion Panel” button has moved off of the sidebar to a location on the right side of the window, near where the discussion panel is displayed.
- Styling of the discussion panel has changed slightly, and now uses the ItemType’s standard icon for each comment.

Admin note: As a result of these styling changes, it is no longer necessary to define the “Secondary Icon” for an ItemType in order to support proper icon behavior with Visual Collaboration.

3.1.2 Issues Fixed in Aras Innovator 11.0 SP5

Table 2: Framework

Issue #	Description
026911	Improved how user interface tracks changes on multi-level null relationships associated with a top level versionable ItemType.
031325	Introduced the technical documentation framework. The technical documentation framework is the architecture used to develop interfaces like those used in the Technical Documentation solution.
033395	Fixed error that could cause Notifications with Acknowledge Once option enabled to appear repeatedly.
034985	Introduced the content modelling framework. The content modelling framework is the architecture used to develop multi-ItemType interfaces like those used in the Quality Management Systems solution.
036138	Introduced support for Internet Explorer 11 and Firefox 38 ESR on the Windows 10 client operating system.
036175	Fixed error that could prevent a Self-Service Report from saving if a single quote or apostrophe (') used in the name of a Self-Service Report.
036869	Improved support for properties of data type Image in Self-Service Reports
038513	Certified Mac OS X 10.11 (El Capitan) client for use with Firefox 38 ESR on the client
036041, 035142	Eliminated error that could prevent a Saved Search from loading in the InBasket.
035007, 036089, 036090, 036088	Introduced publishing services for use with the content modelling framework and technical documentation framework.

3.1.3 Known Issues in Aras Innovator 11.0 SP5

Table 3: Framework

Issue #	Description	Workaround
006830	Cannot change a text property from “not required” to “required”.	A workaround has been provided in the on-line help of Innovator.

Issue #	Description	Workaround
007281	Vault server cannot resolve host name	The vault URL computed by Aras Innovator can fail to calculate when based on DNS settings. If you encounter a problem resolving the vault URL, please contact Aras support.
011985	On-line help is incomplete	Not all new features in Aras Innovator have been documented in the on-line help section of Innovator. Please contact Aras support if you are having difficulty with a new feature.
021945	Baseline versioning discipline on Part BOM is not compatible with the Impact Matrix.	
021946	Baseline versioning discipline on Part BOM is not compatible with the multi-Level BOM Structure relationship	
023511	The OnBlur and OnFocus events are not fired for properties of type Boolean when using FireFox on the client. This applies to all radio boxes and check boxes.	
023879	The functionality outlined in the <i>Aras Innovator - Login Security</i> document is not certified for use with Aras Innovator	
024281	The FireFox XPI extension can fail to install over HTTPS if the website certificate is not from a trusted certificate authority.	Do not use self-signed certificates.
024441	Remote/Client servers are not certified for use with Aras Innovator	
024442	Integrated Web Services are not certified for use with Aras Innovator. Aras Innovator is still compatible with Web Services. Only the integrated UI for creating and managing web services is not certified.	Manually define the web service in a text file outside of the Aras Innovator user interface.
024443, 033559	The standard integration with Microsoft SharePoint is not certified for use with Aras Innovator.	

Issue #	Description	Workaround
026538	The "Sort Across Pages" does not work in the main grid.	Increase page size in the search criteria.
038043	The Microsoft Edge browser is not supported on Windows 10	Use supported Internet Explorer or FireFox browser. Please see <i>Aras Innovator - Platform Specifications</i> for supported platform.
037759	Self-Service Reports can fail to display color list, color, Boolean, and image properties correctly if the ItemType was created after Self-Service Reporting is initialized on the server.	The "Aras SelfServiceReporting AppPool ASP.NET 4.0" application pool will need to be restarted on the server.
038295	Self-Service Reports created in Aras Innovator 11.0 SP3 will not execute after upgrade.	Existing reports will cause a warning when trying to access the reports. Subscribers can contact Aras support (support@aras.com) for assistance in upgrading the existing reports.

3.2 Version 11.0 SP4

3.2.1 Enhancements in Aras Innovator 11.0 SP4

Firefox 38 ESR

Introduced support for Firefox 38 ESR on the client.

Visual Collaboration Viewer Enhancements

A number of new features have been added to the viewers that are built into Visual Collaboration

- The PDF viewer now supports the ability to selectively turn on and off graphical content based on layers
- The PDF viewer now provides the ability to measure between two points. This includes the ability to set the document scale, such as is commonly used on engineering drawings. Measurements can be recorded by posting as visual collaboration comments.
- The PDF viewer supports the ability to compare two files, for example two drawings or two graphics designs. The comparison can be performed on either two versions of the same file, or two separate files. The comparison viewer allows the user to toggle between the two files and also show a graphical difference view which highlights where the file differ.
- A “Zoom Window” command has been added to the PDF and Image viewers, to enable rapid zooming to a location in the file
- The ability to toggle between pan mode and select text mode is added to the PDF viewer
- Viewer toolbars and palettes have been restructured for easier operation, and the active set of palettes is retained from one viewing session to the next.

Agent Service

The Agent Service monitors the vault replication and conversion server queues to initiate tasks. The service replaces the previous IIS thread process that ran in the Innovator Server. By externalizing the monitoring of these queues from the Innovator Server the Agent Service can operate independently of a high availability or failover array hosting the Innovator Server.

3.2.2 Issues Fixed in Aras Innovator 11.0 SP4

Table 4: Framework

Issue #	Description
032213	Introduced support for Firefox 38 ESR on the client in addition to support for Firefox 31 ESR.
033447, 031717	FireFox and Internet Explorer can interpret a carriage return as different text character. To prevent inconsistent data entry, the UI has been altered to force the use of a common text character on save to the database.
030564, 035396	Introduced new Agent Service feature.
033562	Fixed scenario that could cause user session to disconnect in high scale server use scenario.

Issue #	Description
034256	Fixed issue that could cause Print to show incorrectly mapped characters in Japanese.
035011	Introduce the “Promote” ItemType events. These events are separate from the Life Cycle Map and are defined on the ItemType level. These events will be triggered for every Promote of the Item, and not just during a single transaction.
034612	Introduced the ability to add the same property to a Self-Service Reporting report multiple times through the standard UI.
032421	Introduced advanced PDF viewer capabilities that include layer control, measurement, and comparison.
032430	Improved the usability of the View and Markup toolbars and pallets.
032767	Improved security of video and audio files attached to secure messages in Visual Collaboration.
033939	Enabled creation of sub reports via drill down functionality in Self-Service Reporting
034340	Eliminated issue that could prevent creation of reports in Self-Service Reporting based on multi-level structures.
034466	Eliminated issue with stale report result in Self-Service Reporting
034497	Enabled full usage of the “Allow Nulls” option in Self-Service Reporting
034726	Enabled opening of Report for edit from report menu in Self-Service Reporting
034745	Improved behavior of excluded properties flag in Self-Service Reporting
034731	Eliminated issue that could prevent creation of reports in Self-Service Reporting based on recursive structures.
034763	Implemented paging in report runner user interface of Self-Service Reporting

3.2.3 Known Issues in Aras Innovator 11.0 SP4

Table 5: Framework

Issue #	Description	Workaround
006830	Cannot change a text property from “not required” to “required”.	A workaround has been provided in the on-line help of Innovator.

Issue #	Description	Workaround
007281	Vault server cannot resolve host name	The vault URL computed by Aras Innovator can fail to calculate when based on DNS settings. If you encounter a problem resolving the vault URL, please contact Aras support.
011985	On-line help is incomplete	Not all new features in Aras Innovator have been documented in the on-line help section of Innovator. Please contact Aras support if you are having difficulty with a new feature.
021945	Baseline versioning discipline on Part BOM is not compatible with the Impact Matrix.	
021946	Baseline versioning discipline on Part BOM is not compatible with the multi-Level BOM Structure relationship	
023511	The OnBlur and OnFocus events are not fired for properties of type Boolean when using FireFox on the client. This applies to all radio boxes and check boxes.	
023879	The functionality outlined in the <i>Aras Innovator - Login Security</i> document is not certified for use with Aras Innovator	
024281	The FireFox XPI extension can fail to install over HTTPS if the website certificate is not from a trusted certificate authority.	Do not use self-signed certificates.
024441	Remote/Client servers are not certified for use with Aras Innovator	
024442	Integrated Web Services are not certified for use with Aras Innovator. Aras Innovator is still compatible with Web Services. Only the integrated UI for creating and managing web services is not certified.	Manually define the web service in a text file outside of the Aras Innovator user interface.
024443	The standard integration with Microsoft SharePoint is not certified for use with Aras Innovator.	

Issue #	Description	Workaround
026538	The "Sort Across Pages" does not work in the main grid.	Increase page size in the search criteria.
030989	The main grid can fail to load when a metadata cache query fails. This query can fail if any Identity has a double quote character (") in the "name" property.	Remove all double quote characters (") from the "name" property on Identities.
033395	The Acknowledge Once option for Popup Notification does not work. Notification continue to pop up for users even after they have been acknowledged.	
036175	A single quote or apostrophe (') used in the name of a Self-Service Report can cause the report to fail to be created on save.	Do not use a single quote or apostrophe (') in the report name. If the report has already been created, delete the report and recreate with a new name.

3.3 Version 11.0 SP3

3.3.1 Enhancements in Aras Innovator 11.0 SP3

Self-Service Reporting

Self-Service Reporting is a new capability within the Aras Innovator platform that enables all users to create, save, run and share reports on the Items they have access to. Users can build charts and graphs into the reports, perform aggregation functions such as Count, Group, Minimum and Maximum, group data visually, and other common reporting functions using a easy to use wizard driven interface. Users can only see the data they have permission to and export the reports to various formats.

3.3.2 Issues Fixed in Aras Innovator 11.0 SP3

Table 6: Framework

Issue #	Description
026510	Improved support for CAD connectors by allowing the File Type of a File Item to be determined by the filename property, rather than the actual_filename as it was done previously.
029181	Introduced Grid.setRowIcons(...) into the public API for adding icons using the TreeGrid control.
029887	Introduced refresh button to the Bookmarks panel.
030082	Fixed error in the user interface control that could prevent gridDoubleClick event from working.
031317	Introduced self-service reporting feature.
031418	Improved the Life Cycle Map dialog opened in context of an Item to allow voting from FireFox.
031789	Fixed backwards compatibility in context data for Methods executed in the "GetKeyedName" event.
032311	Fixed error that could cause the context menu to close automatically when opened from the table of contents.
032607	Improved user interface of the dialog used when deleting Items to treat forcing the dialog to close as a cancelling of the delete action.
033318, 032529, 027536	Fixed error that could prevent the editing of Life Cycle Maps or Workflow Maps in using Internet Explorer 11.
032277, 031386, 030849	Fixed condition preventing class specific Properties of type List from displaying correctly in the Parameters grid.

Issue #	Description
033795, 033793, 033790, 030631	Improvements to the Method Editor user interface

Table 7: Tools and Utilities

Issue #	Description
032601	Improve Package Export Import utilities handling of discussion templates.

3.3.3 Known Issues in Aras Innovator 11.0 SP3

Table 8: Framework

Issue #	Description	Workaround
006830	Cannot change a text property from “not required” to “required”.	A workaround has been provided in the on-line help of Innovator.
007281	Vault server cannot resolve host name	The vault URL computed by Aras Innovator can fail to calculate when based on DNS settings. If you encounter a problem resolving the vault URL, please contact Aras support.
009389	Items left locked after manual versioning. This can result in inconsistent vaulted data during check-out/check-in of files from a property of type Item with source File.	If you intend to edit File properties of a manually-created version, always unlock the version first, then lock it again and proceed with editing.
011985	On-line help is incomplete	Not all new features in Aras Innovator have been documented in the on-line help section of Innovator. Please contact Aras support if you are having difficulty with a new feature.
021945	Baseline versioning discipline on Part BOM is not compatible with the Impact Matrix.	
021946	Baseline versioning discipline on Part BOM is not compatible with the multi-Level BOM Structure relationship	

Issue #	Description	Workaround
023511	The OnBlur and OnFocus events are not fired for properties of type Boolean when using FireFox on the client. This applies to all radio boxes and check boxes.	
023879	The functionality outlined in the <i>Aras Innovator - Login Security</i> document is not certified for use with Aras Innovator	
024281	The FireFox XPI extension can fail to install over HTTPS if the website certificate is not from a trusted certificate authority.	Do not use self-signed certificates.
024441	Remote/Client servers are not certified for use with Aras Innovator	
024442	Integrated Web Services are not certified for use with Aras Innovator. Aras Innovator is still compatible with Web Services. Only the integrated UI for creating and managing web services is not certified.	Manually define the web service in a text file outside of the Aras Innovator user interface.
024443	The standard integration with Microsoft SharePoint is not certified for use with Aras Innovator.	
026538	The "Sort Across Pages" does not work in the main grid.	Increase page size in the search criteria.
030989	The main grid can fail to load when a metadata cache query fails. This query can fail if any Identity has a double quote character (") in the "name" property.	Remove all double quote characters (") from the "name" property on Identities.
033395	The Acknowledge Once option for Popup Notification does not work. Notification continue to pop up for users even after they have been acknowledged.	

3.4 Version 11.0 SP2

3.4.1 Enhancements in Aras Innovator 11.0 SP2

Drag and Drop

Introduced the ability to drag files from the client computer to the Aras Innovator client fields and relationship grids.

3.4.2 Issues Fixed in Aras Innovator 11.0 SP2

Table 9: Framework

Issue #	Description
023193, 031231, 031232, 031233, 031235, 031236, 030627, 029622	Introduced new drag and drop feature for checking files into the vault through the relationship grids and form fields of the Aras Innovator client.
031491	Fixed condition that could prevent editing of the label annotation in visual collaboration.
032098, 032240	Introduced the printing ability for the Gantt view of the project tree. The Gantt chart itself will mimic the functionality of the previous releases. All of the Gantt chart frame will be printed. The Project Tree frame will print all rows, but only the columns visible in the user interface will be printed.
031620	Introduced the ability to configure the type of output files produced by Aras CAD to PDF converter as a result of executing a conversion task.

3.4.3 Known Issues in Aras Innovator 11.0 SP2

Table 10: Framework

Issue #	Description	Workaround
006830	Cannot change a text property from "not required" to "required".	A workaround has been provided in the on-line help of Innovator.
007281	Vault server cannot resolve host name	The vault URL computed by Aras Innovator can fail to calculate when based on DNS settings. If you encounter a problem resolving the vault URL, please contact Aras support.

Issue #	Description	Workaround
009389	Items left locked after manual versioning. This can result in inconsistent vaulted data during check-out/check-in of files from a property of type Item with source File.	If you intend to edit File properties of a manually-created version, always unlock the version first, then lock it again and proceed with editing.
011985	On-line help is incomplete	Not all new features in Aras Innovator have been documented in the on-line help section of Innovator. Please contact Aras support if you are having difficulty with a new feature.
021945	Baseline versioning discipline on Part BOM is not compatible with the Impact Matrix.	
021946	Baseline versioning discipline on Part BOM is not compatible with the multi-Level BOM Structure relationship	
023511	The OnBlur and OnFocus events are not fired for properties of type Boolean when using FireFox on the client. This applies to all radio boxes and check boxes.	
023879	The functionality outlined in the <i>Aras Innovator - Login Security</i> document is not certified for use with Aras Innovator	
024281	The FireFox XPI extension can fail to install over HTTPS if the website certificate is not from a trusted certificate authority.	Do not use self-signed certificates.
024441	Remote/Client servers are not certified for use with Aras Innovator	
024442	Integrated Web Services are not certified for use with Aras Innovator. Aras Innovator is still compatible with Web Services. Only the integrated UI for creating and managing web services is not certified.	Manually define the web service in a text file outside of the Aras Innovator user interface.

Issue #	Description	Workaround
024443	The standard integration with Microsoft SharePoint is not certified for use with Aras Innovator.	
026538	The “Sort Across Pages” does not work in the main grid.	Increase page size in the search criteria.
030989	The main grid can fail to load when a metadata cache query fails. This query can fail if any Identity has a double quote character (") in the “name” property.	Remove all double quote characters (") from the “name” property on Identities.

3.5 Version 11.0 SP1

3.5.1 Enhancements in Aras Innovator 11.0 SP1

Improved Visual Collaboration

The Visual Collaboration feature has been improved based on usability feedback from Subscribers and internal testing. The user interface has been enhanced to provide better consistency when changing viewing modes and following links to Items. The secure messages have had data model improvements made for the management of these Items on the server level.

Improved File Handling

The File handling interface has been improved to have better backwards compatibility based on the expectations of users modifying files from the User Interface. In addition, the history tracking mechanism has been enhanced to allow tracking of the File history from the container.

3.5.2 Issues Fixed in Aras Innovator 11.0 SP1

Table 11: Framework

Issue #	Description
031058	Introduced public JavaScript APIs for use with the rich text editor.
031296	Updated the “Manage File” dialog for use with RelationshipTypes having the “Create Only” option selected. In Aras Innovator 10.0, it was possible to overwrite a File in such relationships through the special handling related to Files. In Aras Innovator 11.0, this ability was lost in this scenario because of the changes to the File handling user interface. In Aras Innovator 11.0 SP1, the “Manage File” dialog will allow the File

Issue #	Description
	to be overwritten in this scenario, mimicking the user interface behavior found in previous versions of Aras Innovator.
010026	Updates to Just Ask Innovator to remove obsolete content.
031443	Improved the CopyAsNew action to perform additional permission checks when copying Items and the associated relationship Items.
030500	Fixed error that caused onChange event not trigger for Fields for of type File.
031238	Fixed issue that can cause the configuration files for the Conversion Server to install incorrectly when Japanese language pack selected in the installer.
030856	<p>History tracking of ItemTypes with properties of type Item and data source File has been enhanced for better compatibility with the new file handling mechanisms.</p> <ul style="list-style-type: none"> • A new optional History Template has been added to the database for use with tracking File history. This can be used to enhance history of the container ItemType like CAD to track specific actions of the File such as 'Add' or 'Download/View' of the file. • The "Manage File" dialog has been updated to allow the user to access the history of the selected File Item. • The "Track History" option should be selected on the properties of type Item and data source File to track the history of the property value when enabling History on the File ItemType • History tracking has been enhanced for all properties with "Track History" enabled to record the initial value set on Add of the Item.
026666, 026770, 030590, 027308, 028815, 030539, 030027, 028744	Improvements to secure message management and general enhancements to the Visual Collaboration interface based on usability test results.

3.5.3 Known Issues in Aras Innovator 11.0 SP1

Table 12: Framework

Issue #	Description	Workaround
006830	Cannot change a text property from “not required” to “required”.	A workaround has been provided in the on-line help of Innovator.
007281	Vault server cannot resolve host name	The vault URL computed by Aras Innovator can fail to calculate when based on DNS settings. If you encounter a problem resolving the vault URL, please contact Aras support.
009389	Items left locked after manual versioning. This can result in inconsistent vaulted data during check-out/check-in of files from a property of type Item with source File.	If you intend to edit File properties of a manually-created version, always unlock the version first, then lock it again and proceed with editing.
011985	On-line help is incomplete	Not all new features in Aras Innovator have been documented in the on-line help section of Innovator. Please contact Aras support if you are having difficulty with a new feature.
021945	Baseline versioning discipline on Part BOM is not compatible with the Impact Matrix.	
021946	Baseline versioning discipline on Part BOM is not compatible with the multi-Level BOM Structure relationship	
023193	The ability to Drag and Drop files to and from relationship grids is not certified for use with Aras Innovator	Check-in and check-out the File Items using standard menu options.
023511	The OnBlur and OnFocus events are not fired for properties of type Boolean when using FireFox on the client. This applies to all radio boxes and check boxes.	
023879	The functionality outlined in the <i>Aras Innovator - Login Security</i> document is not certified for use with Aras Innovator	

Issue #	Description	Workaround
022913, 022914, 021021, 018939	Printable View functionality is not certified for use with Aras Innovator	The functionality is available, but may have errors.
024281	The FireFox XPI extension can fail to install over HTTPS if the website certificate is not from a trusted certificate authority.	Do not use self-signed certificates.
024441	Remote/Client servers are not certified for use with Aras Innovator	
024442	Integrated Web Services are not certified for use with Aras Innovator. Aras Innovator is still compatible with Web Services. Only the integrated UI for creating and managing web services is not certified.	Manually define the web service in a text file outside of the Aras Innovator user interface.
024443	The standard integration with Microsoft SharePoint is not certified for use with Aras Innovator.	
026538	The “Sort Across Pages” does not work in the main grid.	Increase page size in the search criteria.
030989	The main grid can fail to load when a metadata cache query fails. This query can fail if any Identity has a double quote character (") in the “name” property.	Remove all double quote characters (") from the “name” property on Identities.

3.6 Version 11

3.6.1 Enhancements in Aras Innovator 11.0

Visual Collaboration

A whole new dimension of communication is opened up with the introduction of Aras Visual Collaboration. Focused on the ability to easily view and comment on graphical file content, it provides security, control and context to your day-to-day product development discussions. It includes threaded discussions with comments and replies, configurable discussion forums, and the ability to easily view and graphically comment on all your file content, including 3D models, drawings, and Office documents. Powerful aggregation capability for files and comments pulls together the needed information where and when you need it.

Improved File Handling

Files now have a simple, consistent interface regardless of how they are accessed, whether from forms, relationship grids, or search grids. Files are now treated as primitives with no versioning on the file itself, all versioning is handled at the Item level.

Extended CAD Document File Capability

The CAD Document ItemType now has a Files tab to support management of arbitrary sets of files, which includes extensive built-in classification to support common MCAD and ECAD file use cases.

New Tab Controls

New tab controls, similar to familiar windows controls, allow the user to quickly change the tabs area in an item window to minimized, maximized, or normal state. The tab state can also be pre-set in the main View menu to control any windows opened in the future.

3.6.2 Enhancements in Aras Program Management 11.0R1

Improved editing of Project trees

The editing of Project trees has been enhanced based on customer feedback to be more intuitive, including such features as copy/paste and drag/drop of WBS and Activities.

Multiple in-line views

The project tree now has the ability to display in-line editable Item Details (for WBS and Activities) as well as an in-line Gantt view.

Ability to clone Projects and Templates

New standard functionality includes the ability to create projects from projects, templates from projects, templates from templates, and projects from templates in a server method.

Project Templates can include Template Deliverables

It is now possible to attach template deliverable files to Project Templates, so that when a Project is created from a template, copies of the files are created and attached to the newly created Project as Deliverables.

3.6.3 Issues Fixed in Aras Innovator 11.0

Table 13: Framework

Issue #	Description
024005	Improved FormView History event to register Keyed Name of the Item.
016902	Improved Conversion Server error tracking and exception handling.

Issue #	Description
016992	<p>Introduced new public JavaScript UI control APIs:</p> <ul style="list-style-type: none"> Item.setFileProperty (String propertyName, String pathToFile) <p>Attaches physical file to the property of type 'Item' and datasource 'File'. Physical content of the file will be streamed to the server when Item.apply() is called on the item to which property belongs.</p> <ul style="list-style-type: none"> Item.fetchFileProperty (String propertyName, String targetPath, FetchFileMode mode) <p>Fetches physical file from the item property to the specific path, which can be both folder path or full path.</p> <ul style="list-style-type: none"> replaceFile - server action <p>Sample scenario:<Item type="File" id="A.ID" action="replaceFile" newId="B.ID" /> Finds references to the File 'A' and replaces them by references to the File 'B'.</p>
022309, 022308	Improve Access to Item Forms.
025785	Removed is_cached property from ItemType as unnecessary.
027935	Implemented invocation of event handlers defined on polymorphic Item types by the events fired on Polysource items.
027827	Added support for EventData to the Internal Method interface.
028004	Implemented a new version of server events for more efficient processing of AML actions affecting multiple items.
031011	Introduced a new flag on events to ignore server_events=0 attribute and make the flagged event mandatory.
015325	Files now have a simple, consistent interface and are treated as primitives with no versioning on the file itself.
015325	The CAD Document ItemType has an added Files tab to support management of arbitrary sets of files.
024002	Introduce Secure Social messaging capabilities within the Innovator framework.
024003	Provide Visual Collaboration features, including threaded discussions and integrated view and markup of 2D and 3D content.
028144	New tab controls allow setting the tab area to minimized, maximized, or normal state.
025335	Saved Search icons in TOC now include search glyph.
025457	Added activity type icons to MyInbasket grid.

Issue #	Description
026474	Introduced support for Firefox 31 ESR on the client
026473	Dropped support for Firefox 24 ESR on the client

Table 14: Product Engineering

Issue #	Description
026675	Improved the BOM Structure relationship grid to allow sorting by quantity
027646	Fixed error that could prevent the editing of BOM relationship properties in the Express ECO's Impact Matrix

Table 15: Program Management

Issue #	Description
022619	Prevented setting group identities as Project Activities' Leaders.
024003	Improve the editing of Project trees, including copy/paste and drag/drop of WBS and Activities.
025665	Ability to clone Projects and Project Templates.
025666	Support Project Templates with Template deliverables.
026108	The project tree now has the ability to display in-line editable Item details (for WBS and Activities) as well as an in-line Gantt view.
025892	Introduced support for direct type-in of date values in project tree grid
026087	The label on the project deliverable relationship is changed from "Documents" to "Deliverables"

Table 16: Tools and Utilities

Issue #	Description
026241	Update 3D CAD to PDF converter to use version 2015 of HOOPS Communicator.
027864	Updated "Authoring Tools" list to include all major ECAD tools.

3.6.4 Known Issues in Aras Innovator 11.0

Table 17: Framework

Issue #	Description	Workaround
006830	Cannot change a text property from “not required” to “required”.	A workaround has been provided in the on-line help of Innovator.
007281	Vault server cannot resolve host name	The vault URL computed by Aras Innovator can fail to calculate when based on DNS settings. If you encounter a problem resolving the vault URL, please contact Aras support.
009389	Items left locked after manual versioning. This can result in inconsistent vaulted data during check-out/check-in of files from a property of type Item with source File.	If you intend to edit File properties of a manually-created version, always unlock the version first, then lock it again and proceed with editing.
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023511	The OnBlur and OnFocus events are not fired for properties of type Boolean when using FireFox on the client. This applies to all radio boxes and check boxes.	
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