Aras Innovator 2026 Release

Release Notes

Document #: *D-008125*

Last Modified: *10/19/2026*

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Aras Corporation
100 Brickstone Square
Suite 100
Andover, MA 01810
Phone: 978-691-8900

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1 About Community Edition

1.1 Welcome to the Aras Innovator Community Edition

The **Community Edition** of **Aras Innovator** is a powerful, fully functional version of our platform made available at no cost. It provides individuals and organizations with access to core Product Lifecycle Management (PLM) capabilities, enabling them to explore, evaluate, and build transformative solutions tailored to their unique engineering and business challenges.

Whether you're an engineer, developer, system architect, or innovator, this edition is your gateway to mastering the Aras platform and unlocking the power of a truly open, model-based, and flexible PLM system.

1.2 Key Features of the Community Edition

1. Product Data Platform (PDP)

Aras Innovator is built on a **Product Data Platform** combining an extensible data model with a set of shared services common to PLM and digital thread business processes. This forms the foundation for building applications addressing the needs of different teams without creating data silos. The Community Edition includes:

- An **extensible data model** that ensures consistent and reliable data definitions throughout the product lifecycle.
- **Common shared services** providing the foundation for composable apps to adapt to changing business needs quickly and effectively
- Access to improved **data quality** by providing consistent data definitions across the product lifecycle with safeguards against mismatched data powered by the **Product Data Platform**
- The ability to **save time** leveraging Aras Innovator's low-code capabilities to support agile processes reducing development and deployment time

2. Core Composable PLM Applications

Aras Innovator delivers immediate access to a powerful suite of Composable PLM Applications—essential tools to manage the product lifecycle from concept to operation. Designed for flexibility and continuous evolution, these applications are built on a low-code, product data platform that empowers you to adapt processes and data structures to your needs, without costly customization. With the Community Edition, teams can start building a connected, traceable digital thread at no cost—and grow seamlessly into more advanced use cases over time.

Included in the installation of the **Community Edition**

- Product Engineering: Create, manage, and version-control parts, BOMs, and product documentation - building the foundation of your product record.

Available to install with the Aras Update utility:

- Variant Management: Efficiently manage product families and configurations using structured variability logic to support configure-to-order and mass customization.
- Requirements Engineering: Capture, structure, and trace requirements throughout the product lifecycle. Supports decomposition, linking, and verification across disciplines.

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- Systems Architecture: Define functional, logical, and physical breakdowns of complex products to align design efforts and support systems engineering best practices.
- Simulation Management: Organize, execute, and trace simulation activities and results as part of the digital thread - ensuring model fidelity and test traceability.
- Program Management: Plan and manage project milestones, deliverables, and dependencies. Integrates with product data to track execution against real-time progress.
- Quality Management System (QMS): Manage quality processes including CAPA, audits, FMEAs, and compliance. Embedded in the product lifecycle for proactive issue resolution.
- Manufacturing Process Planning (MPP): Transform EBOMs into MBOMs, define process plans and work instructions, and align production with design intent across facilities.
- Digital Twin Core: Track individual serialized assets in the field, linking them to their full product history - from requirements to service records.

3. Integrated Low-Code Development

The Community Edition enables developers to create a secure, upgradeable, and scalable environment enabling teams to rapidly build and adapt applications. Key benefits include

- Increased **speed** by reducing development time leveraging visual interfaces and reusing pre-built modules to minimize coding, enabling teams to test and deploy faster
- Reduced **cost** by shortening development cycles. By reducing time spent on coding, database design, and user testing, the business is now enabled to deploy critical workers onto more value-added activities.
- With improved speed of delivery, teams can ensure that solutions have **Integrated Governance** built in. Teams can now more effectively adapt to consistently evolving regulatory requirements and ensure applications are secure, compliant and aligned with best practices.
- Aras Innovator's integrated low-code development capabilities ensure that applications can be built with **scalability** in mind. The platform supports enterprise-class development while reducing complexity, enabling developers to build and code efficiently while minimizing smaller and redundant tasks.
- Aras Innovator's low-code capabilities provide the needed **flexibility** to adapt applications rapidly based on changing business needs. The ability to quickly make changes incrementally, based on business needs and user feedback, aligns with Agile methodologies ensure a rapid response to change.

4. Digital Thread Backbone

Aras Innovator maintains connections to critical product information, allowing you to track digital assets throughout the product lifecycle: from concept and design to manufacturing, quality control, field maintenance, and product disposition. Confidently manage your product data and streamline your workflow while ensuring that your team has access to the right information at the right time. By owning your own **Digital Thread** your teams are enabled to:

- Work concurrently and collaborate
- Connect Siloed Data Models
- Enable bi-directional traceability
- Expose data in context

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5. Platform Services

Aras Innovator Community Edition also delivers the full power of the Platform Services that make Aras uniquely adaptable. These services provide the building blocks for customizing and extending your PLM environment without writing code. Whether you're modeling data, automating workflows, or building user interfaces, the platform gives you the tools to continuously evolve your solution as your needs grow.

- **Query Builder**
  Visually create and manage saved queries to power reports, dashboards, and workflows - no SQL required.
- **Access Control**
  Configure granular, role-based security policies across data, applications, and operations to protect sensitive IP and enforce governance.
- **Event Handling**
  Automatically trigger custom logic and workflows in response to system events, enabling smart, reactive behaviors.
- **Dashboard Designer**
  Build and share role-specific dashboards with real-time views of product data, KPIs, and status indicators.
- **Web Services**
  Publish and consume RESTful APIs to connect external systems, enable integrations, and power digital thread connectivity.
- **Data Modeler**
  Extend or modify business objects, relationships, and classifications in a visual interface that adapts to your processes.
- **UX Designer**
  Customize forms, layouts, and user experiences with an intuitive drag-and-drop interface - tailor the UI to each user's role.
- **Report Creator**
  Design and deliver custom reports and exports using live system data - ideal for audits, compliance, and executive insights.
- **Workflow**
  Define and automate business processes using graphical workflows, routing tasks and approvals with full traceability.

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1.3 Why Use the Community Edition?

Proven Platform, No Cost

Gain hands-on experience with a **production-grade PLM platform**, used by global manufacturers and defense contractors, without incurring licensing fees.

Learn, Build, and Validate

Perfect for:

- Learning the Aras architecture and development tools.
- Prototyping PLM strategies before full deployment.
- Demonstrating value to stakeholders with a tangible pilot.

Community and Support Resources

- Access to the **Aras Community** forums.
- Technical blogs, videos, and how-to guides.
- Collaboration and shared learning with peers and Aras experts.

1.4 Upgrade to Aras Innovator Release 40

To upgrade an Aras Innovator 2026 Release (Community Edition) instance to Aras Innovator Release 40, see **Aras Innovator 40 - Upgrading from 2026 Release** guide.

2 Key Enhancements in Aras Innovator 2026

2.1 Toggle the Display of Thousands Separators

Administrators can now enable a setting that displays numeric properties with thousands separators throughout the platform. The setting is a checkbox labeled “Use 1000 Separator” under Administration > Preferences > World > General Settings, unchecked by default.

When enabled, Integer, Decimal, and Float values are displayed with grouping separators in both view and edit modes across Search grids, Modal Search grids, Relationship grids, Tree Grid View, Classic forms, Responsive forms, Redline Mode, and xClassification properties. Formatting follows the browser locale, so en-US style grouping (1,000,000) and de-DE style grouping (1.000.000) are both supported, along with fr-FR (1 000 000) and ja-JP conventions. Existing decimal separator behavior is preserved in all cases.

Users can type or paste numeric values with or without grouping separators, including values copied from external sources such as Excel, and the system parses them correctly regardless of the toggle state. Malformed separator input, such as consecutive or misplaced separators, is rejected with a validation error rather than silently accepted. Values are always stored and queried in neutral numeric format regardless of how they are displayed.

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2.2 Accordion Default State

Administrators can now configure the default display state of individual accordions in Item Views, in addition to the existing Default Structure View setting. Each accordion can be independently set to Expanded, Collapsed, or Maximized through its Accordion Element Control configuration, using an Additional Data property on the control (for example, {"attributes": {"maximized": true}}, with collapsed or expanded as alternatives).

When an accordion's default state is set to Maximized, the accordion expands over the form when the item opens, hiding the item's properties while keeping the title bar and toolbar visible. Users can return to the default layout at any time using the **Restore** button. Multiple accordions can each have independently defined default states, and where more than one accordion is set to Maximized, they display in reverse configuration order. Accordion-level configuration takes precedence over the legacy Default Structure View setting when both apply to the same view.

The existing "Tabs Max" option under Default Structure View, previously equivalent to "Tabs On" and reserved for future use, now maximizes the relationship tabs over the form in the same way.

2.3 Display ItemType Label in Advanced Search

Advanced Search now displays the ItemType's configured label instead of its internal name, making search results easier to read and interpret, particularly in environments with many custom ItemTypes or non-obvious internal naming conventions.

Advanced Search metadata now loads asynchronously instead of using synchronous requests that previously blocked the browser while waiting for a server response. Selecting an ItemType in the Advanced Search grid, and interacting with property or criteria rows, no longer freezes the interface. A loading indicator appears in the property grid while metadata is retrieved for the first condition added to a search.

2.4 Admin Filtering for Type-Ahead

Administrators can now configure a new event, OnFilterSelection, on any item property to control which items appear as type-ahead suggestions. An administrator selects OnFilterSelection in the Property Event dropdown and points it at a Method that returns a filter definition. From that point on, type-ahead suggestions for that property are limited to items matching the filter, consistently across Responsive forms, Classic forms, editable Relationship and Search grids, and the Add Related Item toolbar.

The filter Method receives the property name and the current item, including any unsaved edits made elsewhere on the same form, so filtering logic can depend on other field values the user has not yet saved. If the Method returns no result or encounters an error, the system falls back to showing unfiltered suggestions and surfaces an alert rather than failing silently.

This release also changes default type-ahead behavior for properties that use the older OnSearchDialog event. Previously, configuring OnSearchDialog on a property forced its type-ahead into a read-only state, requiring users to open a separate search dialog to select a value. Type-ahead fields are now editable by default regardless of OnSearchDialog configuration. The search dialog itself is unchanged and still runs OnSearchDialog handlers when opened explicitly. Customers who relied on the previous forced-dialog behavior for filtering should configure OnFilterSelection on the same property to restore equivalent filtering directly in the type-ahead.

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2.5 Filter 'Where Used' by ItemType

The Where Used tab now includes a filter panel alongside the results tree, letting users scope results to specific reference paths before loading data. Previously, expanding any node in the Where Used tree queried every reference type at once, which could be slow and return more data than needed for items with many relationships.

Selecting a row in the tree populates the filter panel with one card per available reference path, each showing the ItemType icon, the ItemType's plural label, and the specific reference path in parentheses, since a single ItemType can be reached through more than one kind of relationship.
Users can select any combination of paths and click Apply Filters to reload the tree scoped to those paths, or select none to see all results. Filter selections are scoped independently per tree node, so different rows can carry different filters without interfering with each other. A "Select All" option is available to quickly select or clear every card in the panel.

2.6 Microsoft SQL Server Reporting Services Feature Discontinued

Microsoft SQL Server Reporting Services is not supported starting with Microsoft SQL Server 2025, and Aras does not provide a migration path to other reporting services.

As part of their continued improvements of the offerings, Microsoft has made the decision to consolidate its reporting functionality with Power BI. This means that Microsoft SQL Server will no longer have a Microsoft SQL Server Reporting Services feature shipped with the SQL Server product. See the Reporting Services consolidation FAQ for more details.

Affected Version:

Aras Innovator Release 39 and higher

Workaround:

Customers running SQL Server versions older than Microsoft SQL Server 2025 are not affected by this change. Customers using Microsoft SQL Server Reporting Services in Aras Innovator today are recommended to not upgrade to Microsoft SQL Server 2025 or higher until a migration plan is in place for existing reports.

Target Resolution:

Aras has no plan to replace Reporting Services directly and will plan to end-of-life the integration feature in alignment with the end of support for SQL Server versions prior to SQL Server 2025. To address this, customers are recommended to adopt one of two solutions:

- **Aras Reporting:** starting with Aras Innovator Release 28, Aras has provided a platform component called Aras Reporting, which provides reporting capabilities within configurable dashboards.
- **Microsoft Power BI:** as an alternative to Aras Innovator managed reports, customers can migrate reports from SSRS to Power BI using a direct SQL connection.

Aras Reporting and Power BI are not direct replacements for SSRS, and no automated upgrade path is provided for existing reports by Aras or Microsoft. Customers should plan to migrate SSRS reports before upgrading to Microsoft SQL Server 2025 or higher.

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3 Fixed Issues and Known Issues

3.1 Fixed Issues in Aras Innovator 2026 Release

Issue #	Description
IH-16475, IH-16344, IH-12860	Multiple Image Browser issues resolved: selector details now display accurate information, .png files are supported in the Image Selector, and related selector display issues are fixed.
IH-16296	Filtering by non-matching values in grids now behaves as expected.
IH-17222	Advanced-to-AML conversion no longer returns incorrect results when filtering by relationship.
IH-12859, I-075525	Keyed Name using the 'Item' data type now displays the correct name instead of the internal ID.
IH-10044, IH-10045, I-073470	The onChange event for radio buttons no longer fires unexpectedly when a form loads.
IH-2374, IH-2375, I-060717	Pipe characters (|) in a Source Item are now correctly restored when reopening a Favorite Search.
IH-16873	Relationship Grid layout no longer breaks after enabling Maximized mode at approximately 50% screen width.

3.2 Known Issues in Aras Innovator 2026 Release

Issue #	Description
IH-12915	Grid rendering issues may occur after adding a required (*) indicator, including duplicated borders in specific scenarios.
IH-11038	Duplicate entries may appear in the History dialog when editing multilingual string values.
IH-12817	External images may not display correctly for formatted text editor items when viewed from the main grid.
IH-11953	Saved search grid layouts may not be applied correctly after switching layouts for a favorite search.
IH-11584	An empty row may appear in the search grid after closing an item that was previously in edit mode.
IH-10730	Formatted Text, Text, and Image dialogs may not be triggered when interacting with search cells in Relationship grids.
IH-10238	Sort order controls may be missing in xClass grids.
IH-10207	The Start Page may not reappear after executing "Create New Revision" from the Item View and closing the item.
IH-11483	The correct keyed name may not be displayed in the History dialog after updating an item property.

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Issue #	Description
IH-10068	The context menu may freeze and display an error dialog after switching a newly created item to the Done state.

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