



# ARIS 10 SR2

## FEATURES OVERVIEW

ARIS 10 SR2 feature	Feature description
<b>ARIS Architect/ARIS Designer</b>	
IoT modeling	In the context of the growing number of digital business models, ARIS provides a new modeling method (including two new model types and several new model objects) to design and manage IoT processes as well as corresponding IoT objects. This allows you to document and analyze (by using a dedicated ARIS report) how IoT objects influence business processes.
Import IoT object types from Cumulocity into ARIS	To jump start IoT projects in ARIS, you can import IoT objects that are managed in Software AG's device integration platform, Cumulocity, into ARIS.
BPMN 2.0 import/export performance improvement	Runtime of BPMN 2.0 import and export reduced by up to 95 percent.
BPMN 2.0 basic roundtrip	External information, such as object IDs and extensions, are now preserved and stable in terms of importing and exporting BPMN 2.0 models. Following the Open BPM idea, this allows a basic roundtrip with arbitrary BPMN 2.0 based workflow execution engines.
Organization unit type as a new lane type in EBPMN	Organization unit types can now be used as an additional lane type in EBPMN.
Customer experience management	<ul style="list-style-type: none"> <li>• Personas can now be modeled in ARIS with the new persona "object type."</li> <li>• Depending on the journey, a touchpoint can have different emotions, a new object type.</li> <li>• With the new row "systems" in the customer journey map, you can define relationships between IT and a customer step.</li> <li>• Analogous to the customer journey, ARIS provides now a PDF infographic for persona.</li> <li>• A new ARIS Aware dashboard for customer segments is available.</li> </ul>
Move objects of query results	Queries are a strong tool for getting all necessary information from both a business and an administrative perspective. Especially helpful with administration, it is now possible to move multi-selected objects of a query result to a group, which significantly reduces the effort of cleaning up the ARIS repository.
Sort table output of queries	In order to find information faster and better structured, you can sort the table output of a query by a specific row or column.

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<b>ARIS Architect/ARIS Designer</b>	
Report API: Open database with encrypted password	Method openDatabase() of the report API now works with encrypted password.
ARIS Process Performance Manager (PPM) integration	Get measured process behavior from ARIS PPM and map it to the ARIS process model. Continuous process improvement is one of the key objectives of business process management. It is important to analyze the real process behavior to identify improvement potential. With that aim, you can now import both the executed process activities and their relationships in terms of their order to the ARIS repository and connect them to the originally planned process model. You also can analyze the commonalities and differences, as well as the process conformance in your individually built ARIS Aware dashboard.
ARIS-Alfabet interoperability	<ul style="list-style-type: none"> <li>• Synchronization: You can mark objects deleted from Alfabet</li> <li>• Metamodel mapping: The mapping has been updated and new examples for demands, demand groups and information flows have been added</li> </ul>
ArchiMate® 3.0	<ul style="list-style-type: none"> <li>• Files in the ArchiMate 2.1 or 3.0 Model Exchange File Format can now be imported and exported</li> <li>• ArchiMate 2.1 content in ARIS can now be migrated to ArchiMate 3.0 with the help of a new macro</li> <li>• A new filter defining ArchiMate 3.0 viewpoints has been added</li> <li>• A demo database and a user guide for ArchiMate 3.0 modeling in ARIS are now available</li> </ul>
<b>ARIS Aware</b>	
Import and export data feeds and dashboards	Import and export individual or even sets of dashboards and feeds with just one click.
JDBC® as a data source	Use ARIS as a single source of truth! Connect your conceptual models to the real environment using JDBC as a data source for dashboards.
Jump from dashboard to ARIS PPM	A new widget allows you to seamlessly jump using Single Sign On (SSO) from an ARIS Aware dashboard to ARIS PPM (favorite) to analyze real process behavior in detail.
Localization of feed and dashboard editor	The feed and dashboard editor now supports every ARIS Connect language except Swedish.
Templates for feeds and dashboards	Templates speed up the creation of content. ARIS Aware now includes a best-practice-styled, side-by-side dashboard as well as templates for model-sensitive and context-sensitive data feeds.
Predefined group for viewers of the out-of-the-box dashboards	The group "dashboard_viewers" contains all access privileges for the out-of-the-box dashboards delivered with ARIS Aware as well as for the underlying data feeds. This significantly reduces the initial setup effort and delivers a best practice approach on how to handle Aware access privileges in an easy way.
RAQL operator for data expert	RAQL allows an SQL-like querying within data feeds.
Action button in dashboards	<p>The new action button provides capabilities that significantly improve the efficiency of working with dashboards. It allows you to:</p> <ul style="list-style-type: none"> <li>• Set predefined filters and selections with only one click</li> <li>• Change the dashboard tab</li> <li>• Open URLs, either static or dynamic</li> <li>• Post arbitrary data</li> </ul>
Filtering between tabs	In order to enable multi-level analyses, filters can now be used globally within all tabs of a dashboard. This allows you to take a deep dive into different business perspectives that are covered by individual dashboard tabs.
Multiple y-axis in diagrams	Multiple y-axis allows you to present different dimensions of a business question in only one diagram. Available for line, bar and column chart.

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<b>ARIS Aware</b>	
Re-use widget data assignments as data feeds	There are many situations in which data is assigned to a visual dashboard component and then becomes more complex. Instead of rebuilding a widget data assignment with high effort, you can simply save it as a feed with only one click and re-use it for other dashboard components.
Responsive dashboard design polishing	Create responsive dashboards by: <ul style="list-style-type: none"> <li>• Aligning the height of rows to easily reach a harmonic dashboard layout</li> <li>• Moving widgets while keeping their cell span area, which reduces the effort for arranging visual dashboard components</li> </ul>
<b>ARIS Connect/ARIS Cloud Enterprise</b>	
UI/UX improvements (home and glossary catalog)*	This feature includes several improvements: <ul style="list-style-type: none"> <li>• New home view: When entering ARIS Connect/ARIS Cloud, a new and tidy home view welcomes the user. From here, a user can quickly navigate into the section he is interested in (e.g., My Content)</li> <li>• The glossary/catalog can be made available without side panel to allow a catalog-based entry for process or document catalogs, for example</li> </ul>
Configurable view generation*	If you are interested in specific aspects of a process model or want to see it with fewer details, simply change the view of a process model or create role-based swim lanes. Views can be configured to meet the different needs of use cases. Views can be configured and consider details from the model or assigned models, group by criteria and layout.
My content: Find your content by your role or location	You can now easily navigate to viewable content (processes, documents, IT systems, etc.) by role or location. This helps you navigate quickly to what is interesting or even filter unrelated content to only see what is relevant.
Display master/variant relationship to see dependencies in global/local modeling scenarios	You can display master/variant information in the portal. For models, see if a variant exists for an existing master or if a master exists for an existing variant. Master/variant information can be embedded in any model fact sheet.
Defaulting of published ARIS databases	Many customers have several databases published to different user groups. That is why you can now rank databases. Users get the database as default that they have access to with the highest-ranking order.
New registry plugin	You can now register your own plug-in/app as a part of ARIS Connect. With this, you can easily develop additional functionality made available in the portal environment.
Templates in self-service configuration	You can easily define the layout of content shown in the ARIS Connect portal. You can select the HTML template applied for a certain property (e.g., a process description field). A preview shows how the result will be displayed.
Ease of use for role selection	It's now easier to search and select/deselect all to select one or more role-based filters if there are many roles available. This is a good option if you don't use the new My content role selector; it can be activated through XML configuration.
Optimized search result order*	As requested by customers, extended search ordering is optimized for improved search ordering.
Remember past search when navigating to search result*	Past searches are remembered when navigating back to search.
Ease of use in extended search*	In extended search, the filters are frozen when scrolling.
Steps view - back to top button*	In the steps view, you can use a new "back to top" button to get to the beginning of the steps view.
Auto-follow streams when posting or commenting in collaboration*	Collaboration admins can now activate users to automatically follow the collaboration stream when there is a relevant activity (e.g., when a user has written a post).

\* This feature is also available for ARIS Cloud Advanced

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<b>ARIS Connect/ARIS Cloud Enterprise</b>	
UMC: Automated assignment to a user group	To support a large number of users (e.g., viewers), users can now get automatically assigned to a predefined user group (e.g., company_all_viewers) in UMC.
UMC: Support of multiple LDAP	The UMC now supports multiple LDAP systems. Please consider technical notes before activating this functionality.
UMC: Automatically create users on first SAML login	The UMC now supports automatic creation of users on first SAML login.
ADS SharePoint interface: integration of multiple SharePoint systems	The ADS now supports access to multiple Microsoft® SharePoint® systems. Please consider technical notes before activating this functionality.
ADS SharePoint interface: Search result limitation eliminated	The search result limitation when searching in SharePoint has been eliminated.
Allow attribute filtering for mapping in the portal configuration	All mapping nodes can be additionally filtered by a single attribute—for example, define an item type "processes" that is taking the status = "approved" into consideration of the portal configuration
Semantic check in ARIS Connect*	Ensure the methodical correctness and meet individual modeling conventions by using report-based semantic checks in ARIS Connect Designer. A file output in your desired format serves as a checklist for quality improvements.
<b>ARIS for SAP Solutions</b>	
Synchronization of process diagrams to SAP® Solution Manager 7.2	You can synchronize process diagrams (for example, type EPC or BPMN™) from ARIS to BPMN diagrams in SAP Solution Manager 7.2.
Aggregated view on library objects	See an aggregated view of process steps by visualizing all objects (for example, documents, executables or roles) belonging to the corresponding original process step (within the PSL) in the functional allocation diagram and the properties tab.
Use document links from ADS and Microsoft SharePoint	Easily using a link from an ADS or Microsoft SharePoint document when creating document objects that should be synchronized with SAP Solution Manager 7.2.
Delete documents in SAP Solution Manager 7.2	Delete documents of document types that are managed by ARIS in SAP Solution Manager 7.2.
<b>ARIS Process Governance (APG)</b>	
Execute custom approval workflows	Execute custom approval workflows in ARIS Connect Designer. Technically, ARIS reopens the model in write-protected mode in order to start the workflow. To ensure flexibility, this option can be activated/deactivated during the design time of the workflow.
Theming second-level dialogs	With ARIS 10, the web user interface can be themed in one place. Second-level APG dialogs are included into the global theming as well.
Process administration: variable monitoring	Users can now monitor the current value and history of any ARIS Process Governance variable in the process administration. This includes system variables, process variables or instance variables.
Access to user's phone number	Detect the phone number of any user via a local service. This is not part of the report API. Instead it is made available via the local-service API of ARIS Process Governance.
<b>ARIS Process Performance Manager (PPM)</b>	
Discovery of process variants	Discover process variants with identical process function execution sequences. This allows you to identify frequent execution sequences and focus analyses.
Visualize function measures in function flow widget	Visualize function measures in the function flow widget in ARIS Aware and MashZone NextGen.

\* This feature is also available for ARIS Cloud Advanced

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<b>ARIS Process Performance Manager (PPM)</b>	
Process-conformance checking	Analyze commonalities and differences between designed to-be processes in ARIS and discovered as-is ones in ARIS PPM. The process conformance is visualized in a dedicated process conformance dashboard in ARIS Aware.
Navigate from ARIS Aware to ARIS PPM	Navigate from a dashboard in ARIS Aware to corresponding favorites in ARIS PPM (including SSO).
Navigate from MashZone NextGen to ARIS PPM	Navigate from a dashboard in MashZone NextGen to corresponding favorites in ARIS PPM (including SSO).
Navigate from ARIS PPM to MashZone NextGen	Navigate from ARIS PPM to dashboards in MashZone NextGen (including SSO).
Microsoft® SQL Server® 2016 certified	ARIS PPM is now certified for Microsoft SQL Server 2016.
Microsoft® Windows® Server 2016 certified	ARIS PPM is now certified for Windows Server 2016.
<b>ARIS Risk &amp; Compliance Manager (ARCM)/ARIS GRC Cloud</b>	
GDPR modeling and documentation capabilities	GDPR filter has new model types to document "Record of processing activities" and describe them in detail.
GDPR content	Survey templates support documentation and qualification of processing activities as well as technical term model containing GDPR norm chapters (ARIS models).
GDPR fact sheets	Predefined ARIS Connect fact sheet documents record of processing activities and assigns relevant surveys.
GDPR adaptations for ARIS Risk & Compliance Manager	<ul style="list-style-type: none"> <li>• New hierarchy: data</li> <li>• Assignments between hierarchies</li> <li>• New environment "component": data protection</li> </ul>
GDPR reporting	<ul style="list-style-type: none"> <li>• Record of processing activities, (extended) management report processing activities</li> <li>• Survey intelligence report</li> </ul>
GDPR dashboard	Predefined ARIS Aware dashboard shows status and progress of GDPR activities.
Prepare first line of GRC	<ul style="list-style-type: none"> <li>• Show ARIS Risk &amp; Compliance Manager tasks, lists and forms in ARIS Connect</li> <li>• Create ARIS Risk &amp; Compliance Manager issues from ARIS Connect</li> </ul>
Usability and functional improvements	<ul style="list-style-type: none"> <li>• Lock and unlock forms by user without manager rights</li> <li>• Sign-off management: only test cases, issues and deficiencies created before sign-off generation are locked</li> <li>• Changing master data in ARIS Risk &amp; Compliance Manager can be prohibited</li> <li>• Improved UI for qualitative risk assessments: automated line break changeable in system</li> <li>• Display hierarchy as tree in assignment tab</li> <li>• Copy values for test case</li> </ul>

## ABOUT SOFTWARE AG

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