

ARIS 10 FEATURES OVERVIEW



ARIS 10 feature	Feature description
ARIS Architect/ARIS Designer	
Queries	<ul style="list-style-type: none"> • Multi-state querying: Queries can be started from other query results. • Backup and restore: Backed-up queries are merged with existing queries during restore. • Recursive search: Queries allow the recursive search of all ARIS objects to reduce the definition of multi-level queries. The recursion depth can be configured from minimum to maximum. • Lock column width: The width of a column can be locked in the table output of a query. • Overwrite spreadsheet: A query can be used to update and overwrite an existing spreadsheet.
Improved translation in/out report	The translation in/out report now includes all selected attributes available either in the source or target language.
Semantic check	The Microsoft® Excel® output of the semantic check has descriptive names for the different sheets.
File picker (technical)	Due to existing browser security policies, it is not possible to access local files in ARIS Connect. To prevent non-working links in published models, the local file picker in ARIS Architect/Designer can be disabled (default). (technical)
Database function privileges	Backup and reorganize can be assigned as isolated function privileges for databases. This allows a clear separation of design and administration activities, even for small and medium enterprises.
Simulation – EBPMN	EBPMN is allowed for simulation, which combines the advantages of both Event-driven Process Chain (EPC) and Business Process Modeling Notation (BPMN™) simulation.
CXM – new diagram	The Customer Experience Management (CXM) methodology is extended and includes a new customer segmentation map.
Report – configuration	Reports can be built as configurable. Different configuration settings (parameter settings) can be managed and used for execution and scheduling.
Mobile – HTML markup information	Report script API: Retrieve attribute values including HTML markup information.

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ARIS Architect/ARIS Designer	
Decision Model and Notation™ (DMN™) – new diagrams	The DMN methodology now includes the DMN context diagram, DMN invocation model and DMN called function.
IoT – ARIS for IoT modeling method	To support digital business models, ARIS provides a new modeling method (new model types and model objects) for the Internet of Things (IoT) infrastructure design and to document and analyze their influence on business processes.
ARIS Aware	
ARIS Aware is a new server extension for ARIS Connect. It allows the interactive visualization of KPIs, charts and dashboards in the context of your ARIS content. With ARIS Aware, you can get clear insights even into complex and dynamic business landscapes in an innovative and intuitive way that is seamlessly integrated in ARIS Connect.	
Dashboarding in ARIS Connect	Overview in the home page and interactive dashboards
Use a wide range of data sources	ARIS Repository, ARIS Process Governance, ARIS Governance, Risk & Compliance (GRC) Management, ARIS Process Performance Manager (PPM), Microsoft® Excel®, Comma Separated Values (CSV), XML and JSON™
Enrich ARIS content with additional data	Use the feed editor to mashup arbitrary data. Connect ARIS and non-ARIS data.
Interactive dashboards	Use interactive visual components to filter data and highlight the points of interest.
Content-based filtering	Different charts and dashboards can be presented depending on the model type. Automatic data filtering considering the currently opened model and user rights (e.g., with regards to measured KPIs with ARIS PPM).
Context-sensitive dashboard refresh	Charts and dashboards react to the context, such as the selection of objects in a diagram.
Drill-down into models and details	You can link ARIS content in charts and dashboards and drill down to the ARIS model landscape or more detailed analyses.
Profile-based views	Based on the viewer profiles, interactive charts and dashboards can be presented in the fact sheet within an exclusive tab or side-by-side with the diagram.
Business usage statistics	See how users interact with ARIS and the contained content. What are the most used models? Which have the most change requests and who are the responsible contacts? This and more can be answered with the ready-to-start use case "Business Usage Statistics" (requires Piwik).
Center of Excellence monitoring & controlling	Manage the Center of Excellence with specific KPIs, such as model count, maintaining degree or semantic check results. Derive calls to action to increase the model maturity based on in-depth analysis. Monitor, analyze and control model change requests.
Out-of-the-box use case template: process performance	Connect ARIS PPM and ARIS Aware and provide and analyze actual performance KPIs in the context of the originally planned processes. Compare as-is and to-be by considering both side by side.
Out-of-the-box use case template: customer experience	Collect information on customer feelings at different customer touchpoints and analyze them in the context of the corresponding customer journey or landscape.
Out-of-the-box use case template: enterprise architecture	Connect Alfabet and ARIS and analyze the actual system status within the planning environment.
Predefined data acquisition tools for ARIS	For all use cases, several configurable reports are available out-of-the-box. This allows easy adaptability of the data acquisition considering the individual needs and conventions of customers.

ARIS 10 feature	Feature description
ARIS Connect/ARIS Cloud Enterprise	
Multi-media content publication	<p>Employees want interesting and appealing content. Thus, multi-media assets (images, documents) can now be stored in ARIS Document Storage or on third-party systems (videos) and linked within models and objects through new multi-media attributes. These multi-media assets can be embedded in fact sheets on the portal.</p> <p>This allows, for instance, showing images or videos as part of the steps view. So, for example, employees can view not only information on how a process step is executed but also see a video that shows instructions on specifically what to do. This makes it easy and fast to learn a process.</p>
New print report	<p>In the portal, you can run a new print report by clicking on a print icon. This report prepares a PDF file with the diagram that can be used for further printing. As part of the PDF generation, you can change: paper format; width; height; orientation; margins; scaling of the model; and cut type of the model.</p> <p>You can use these print PDFs to prepare for workshops, for example, where you may need a hard copy and won't have online access to ARIS Connect.</p>
Favorites	<p>Any user of ARIS Connect can choose favorites on the portal—the content they like most, for example, the business processes they are interested in. The favorite option is shown with a small star icon. Starred items are shown on the landing page for quick access to the content.</p>
Glossary – search and quick jump	<p>You can now search within a column or browse by alphabet.</p> <p>This allows fast and target-driven navigation into the content of ARIS Connect. This feature is especially interesting for ARIS Publisher customers who have been using the indexing add-on.</p>
Combine glossary items	<p>Within the glossary, item types can be combined into one category. This allows you, for instance, to combine processes and chains in one list. This feature allows a more end-user friendly setup of ARIS Connect.</p>
User profiles	<p>The ARIS Connect portal offers user profiles, which define what fact sheets a user can see and which fact sheet is shown by default. So, for example, the user profile "everyone" could see different views (e.g., the simplified steps view instead of a diagram) than the profile "Process Expert" (who is interested in the detailed diagram) or "Process Owner" (who is interested in KPI and dashboards).</p> <p>User profiles are configured in the XML configuration of ARIS Connect. They are then assigned to a user group.</p>
Steps view improvements	<ul style="list-style-type: none"> • Quick jump: You can jump from the steps view into the diagram view and back again from any point at any time. This speeds up navigation and makes the steps view more user-friendly. • Operator-related information: The steps view now shows operator-related information (e.g., AND/OR/XOR) to better inform users on the desired behavior of a process. The complexity of the operator is reduced to the information a user needs to know—how many paths are relevant to step through the process. • Self-service configuration: Major settings can be changed now for the steps view in the self-service configuration UI. XML configuration changes need only be done for advanced settings. This means non-technical people can customize the steps view according to their needs. • Advanced sorting: Sometimes, a process requires a choice when navigating through the steps view. The new sorting feature (e.g., for start events or steps after splits) can sort the steps view in a more logical way so that for instance "happy paths" are shown before exceptional process paths. Sorting can be customized through XML configuration. • Tooltips: The steps view now shows tooltips in case of very long names.
Highlight based on object types	<p>New highlighting options in the portal include object or symbol types. This allows you to show, for example, process interfaces within a process model in the case of an inter-object. Groupings can also be highlighted.</p>

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ARIS Connect/ARIS Cloud Enterprise	
Fact sheets enriched by UMC information	Fact sheets in the portal can now be enriched by information from the User Management Console (UMC). With this functionality, for instance, process owner details can be shown as a part of the fact sheet (e.g., a profile photo or an email address).
ARIS Connect UX/UI improvements	<p>As a central hub for everyone, the User Interface (UI) must be easy to use. Look for these improvements:</p> <ul style="list-style-type: none"> • The title of an item (e.g., a business process) is displayed closer to the content (description, diagram) • The navigation tree is more appealing through effects • Fonts and colors have been streamlined in the full UI to allow neat access to information • The edit buttons for contribution and modeling have been merged into one
Collaboration improvements	<ul style="list-style-type: none"> • Email digests: You now have the option of sending instant/daily/weekly/monthly email digests to users on topics that are interesting to them (e.g., the processes they follow, the people they follow, the discussion groups they are members of). • Workflow postings: Stay informed through the collaboration timeline when major changes are made to the content you are following. ARIS Connect now allows ARIS Process Governance engine users to post into the collaboration of ARIS Connect automatically. • With this functionality, you can extend, for instance, your approval or publication workflows to post in the collaboration stream automatically that a new version has been published. • Disable attachment: Within collaboration, you can completely disable an attachment upload. This is helpful when you don't want to have users uploading documents within an activity to the ARIS Document Storage for further sharing. • Export & archive: For further processing of data (e.g., for analysis or archive purposes), collaboration provides a new export and export & delete functionality for collaboration administrators. This is useful when you feel that past collaboration (e.g., from two years ago) should no longer be accessible in the system and when you want to delete old data. The export is encrypted and stored in the ARIS Document Storage and only made available to people with the respective security permissions. • Management view: Collaboration admins can see management-like information on the collaboration activity of the platform. This feature requires additional ARIS Aware installed and licensed on the ARIS Connect system. • Announcement functionality: Collaboration admins now can communicate to all collaboration users. This functionality is made available in the collaboration admin section and offers a post that is always shown, regardless of it is a portal stream or a standalone collaboration stream.
Method filter information	When hovering over the database icon in the portal, the currently used method filter is shown. This is important for a user who wants to find out if the right filter is currently being in use. Filter assignment is done in ARIS Architect.
Document upload controls standardized	The document upload control which is being used in various places (contribution or modeling in ARIS Connect and modeling in ARIS Designer and ARIS Architect) has been standardized to be the same in all clients. Thus, functionality is also harmonized to allow an easy entry into one product if you have been familiar with another product already.

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ARIS Connect/ARIS Cloud Enterprise	
Business usage statistics (requires ARIS Aware)	<p>You can monitor what happens on the platform—for example:</p> <ul style="list-style-type: none"> • What hardware environment is being used (e.g., device model) • What software environment is being used (e.g., OS) • What users are doing specifically in the portal (e.g., entry page etc., what search terms are being used) • What users are doing specifically in the collaboration • What users are doing specifically in the governance <p>For security purposes, this feature must be activated by an administrator. To achieve anonymity for click monitoring, user names are hashed and result list Base 64 encoded. Users using Do Not Track (DNT) are also considered.</p> <p>This feature requires ARIS Aware licensed and installed and Piwik for the persistence of usage events.</p>
Reports with dialogs	Reports with dialogs can be executed in ARIS Connect. It is possible to define different dialogs for one the same report, which enables an adequate consideration of different user groups.
ARIS Cloud	
Minor enhancements for the Managed Cloud Environment (MCP)	
New language support: Arabian and Turkish	Arabian and Turkish are now supported languages in ARIS Cloud Advanced.
ARIS for SAP Solutions	
Script-based migration of existing SAP® Solution Manager 7.1 projects	A script-based migration procedure is available for migrating existing projects synchronized with SAP Solution Manager 7.1 to the new structure of Solution Manager 7.2.
EBPMN models synchronizable with SAP Solution Manager 7.2	In addition to EPC and BPMN models, EBPMN models can be synchronized with SAP Solution Manager 7.2.
Support for change documents	The synchronization allows the usage of change documents.
Support for SAP servers created by SAP GUI 7.4	SAP servers created by SAP GUI 7.4 are now supported.
Update to already-synchronized documents	Update the name, content and link of already synchronized documents to SAP Solution Manager 7.2.
ARIS Test Designer Extension Pack for ARIS Architect	ARIS Test Designer is available as a stand-alone Extension Pack (EP) for ARIS Architect
ARIS Test Designer support in combination with SAP Solution Manager 7.2	ARIS Test Designer is available in combination with SAP's new version of Solution Manager 7.2.

ARIS 10 feature	Feature description
ARIS Process Governance	
Post updates from ARIS Process Governance into the collaboration feed	ARIS Process Governance is now capable of posting relevant updates into the collaboration feed. The mini-workflow "approve this" is improved: When it finishes, ARIS Process Governance posts a comment into the collaboration feed of the respective model (e.g., model has been updated).
Reduced downtime during backup/restore	Downtime is reduced since ARIS Process Governance no longer needs to be stopped during backup/restore operations.
Monitoring ARIS Process Governance workflows in ARIS Aware	Monitor the business status of governance transactions to learn about finished, pending or erroneous transactions.
Theming via self-service configuration	Central theming definitions are now used by ARIS Process Governance. This affects the Process Admin and the Process Board.
Dynamically populate a combo box in ARIS Process Governance dialogs	In contrast to the current static combo box (where the available and selected value can be specified only during design time) the values of this new combo box can be dynamically populated.
Customize action buttons in ARIS Process Governance dialogs	Actions buttons in ARIS Process Governance dialogs now have extended customizing capabilities—for example, you can label or disable them.
Property for setting global notification	ARIS Process Governance now offers a global property for notifications sent within governance processes.
Inform of change workflow for contribution case	New "inform of change" mini-workflow informs the process owner of a change made via contribution.
Technical and stability improvements for ARIS Process Governance	
Support for Microsoft® SQL Server® 2016	

ARIS Process Performance Manager (PPM)

With ARIS 10, ARIS PPM is again part of the ARIS product line.

New PPM dashboard	A new PPM dashboard is available in MashZone NextGen.
Custom widget for PPM's new function flow visualization	A new custom widget is available in MashZone NextGen and ARIS Aware that visualizes the function flow functionality introduced with PPM 9.12.
Filter less-relevant paths in function flow	Less-relevant paths (e.g., process/transition frequency) can now be filtered in the function flow in the MashZone NextGen dashboard.
Filter PPM data in MashZone NextGen per SSO	In addition to filtering PPM data by the access rights of the statically assigned user in the data source (also known as technical user), you can dynamically retrieve data based on the credentials of the currently logged in user in MashZone NextGen. This Single-Sign On (SSO) permits retrieving data without having to separately login to PPM.
Filter PPM data in ARIS Aware per SSO	Users logged into ARIS Aware can retrieve data from PPM via SSO. PPM data shown in Aware dashboards is filtered according to the access rights of the user currently logged in.
Ad-hoc reports based on charts placed in clipboard	Create PDF reports of all the content available in the clipboard. This is a convenient way to get a report without having to change the report definition first.
Renaming process types	With this feature, you can rename process types and process type groups.

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ARIS Process Performance Manager (PPM)	
Improved visualization of EPC models	A modern visualization of EPC models provides a more intuitive perceptibility of important model elements and findings through updated colors and fonts.
BLOB data type available to store binary data in Oracle® 12 DB	In combination with Oracle 12, BLOB can now be used as the data type used to store binary data.
ARIS Risk & Compliance Manager	
Optimized reporting	<p>ARIS Risk & Compliance Manager reports based on ARIS reporting capabilities are improved:</p> <ul style="list-style-type: none"> • Next step in ARIS based reporting: Dialogs/interaction with user • ARIS & ARIS Risk & Compliance Manager objects in the same report • Additional capabilities in script-based reporting: Headers in lists can be repeated on every side of report • Changes in ARIS Risk & Compliance Manager report API
Usability	<p>New status panel (fixed) shows status and additional information (last editor and user's role) of form/object.</p> <p>Improved wording:</p> <ul style="list-style-type: none"> • "Client/Mandant" --> "Environment /Umgebung" • Correct naming for "Last Editor"/"performed by" • "Export relevant " --> "Synchronize ARCM" (ARIS attribute) • "Sum losses" --> "Exp. losses" (Evaluation Risk Assessment) <p>Improved "Role selection," grouped by read/write privileges</p> <p>Segregation of users for upload functionality: Owner and reviewer must be different users.</p>
Control execution documentation	You can import control execution documentation via subscription (new event type) for automated documentation.
Risk assessment evaluation	Separate evaluations for qualitative and quantitative assessments
GRC modeling	ARIS Export now also includes an object-specific survey manager.
Configuration/customization (technical)	Task list can now be enhanced with additional attributes (technical).
Technical	<p>Microsoft® SQL Server® 2016</p> <p>Improvements Oracle 11</p> <p>Improvements MashZone NextGen integration</p> <p>PostgreSQL instead of Derby</p> <p>Setup relevant improvements</p>
ARIS Risk & Compliance Manager Cloud	
<p>Stabilization and optimization of private cloud offering</p> <p>Improvements in scalability (technical)</p>	With ARIS 10, ARIS Risk & Compliance Manager Cloud offers improved capabilities for scalability and failover (technical).

ARIS 10 feature	Feature description
Technical	
Central theming for ARIS Connect	You can change colors and styles across all ARIS Connect components without changing the code.
Security Assertion Markup Language™ (SAML™) single sign log-out support	
Configurable email templates	Collaboration provides configurable email templates.
Collaboration API	Collaboration provides an API for read and write operations.
Report API for ARIS Process Governance	ARIS Process Governance provides a report API for delivering information on processes, instances, tasks and configuration properties.
Report API for ARIS Document Storage	ARIS Document Storage provides a report API that allows for comprehensive management of the contained documents.
Hide groups in portal navigation	Groups that a user has no access to can be hidden in the portal navigation. This has to be activated in the XML configuration.
Accessibility support enhancement	Several enhancements have been made to support accessibility with the ARIS Connect portal.
Database archiving behavior	Databases can be versioned with an empty archive.
ARIS Administration	
Tenant management	Tenant management now also allows the roll out of single assets, such as databases, reports, filters and templates, to other tenants as well as their import and export. Moreover, information on the utilization and license usage are provided for each tenant.
ARIS Business Server API	The ARIS Business Server provides an API for handling (read, write, copy, list) different assets, such as filter, templates and databases.

ABOUT SOFTWARE AG

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