



# ARIS 10 SR6

## FEATURES OVERVIEW

ARIS 10 SR6 feature	Feature description
<b>ARIS Architect/ARIS Designer</b>	
DMN™ 1.2 import & export	As an early adopter, ARIS supports the import and export of the official Decision Modeling and Notation (DMN) 1.2 standard.
Replacement of BPMN™ 2.0 models during import	To improve professional business and IT roundtrip scenarios, BPMN 2.0 models can now be imported by updating existing models in the ARIS repository. This ensures a consistent integration into the process landscape.
Multi-selection in ARIS spreadsheets	Multiple not directly related objects can now be selected in ARIS spreadsheets and table-based query outputs. This allows you to do a multi-level analysis of the ARIS Repository and manage the structure of models and objects in an effective way.
Copy and paste of ARIS spreadsheet items	Objects selected in a spreadsheet or a table-based query output can now be copied and pasted to use them for modeling.
Guided arrangement of objects and connections	Guides help the modeler arrange objects more intuitively on the grid. Guides and a corresponding rasterizing assist in placing objects by considering the position of already placed objects. The same applies to arranging connections between objects. Modeling becomes easier and faster with a higher visual quality at the same time.
Database setting for multiple user groups	Database settings, such as access and function privileges, publishing settings and method filters, can now be managed for multiple user groups at the same time, which significantly reduces daily administration efforts.
Single Sign-On (SSO)	If you are already logged into the ARIS Connect portal, the download client (ARIS Architect/ARIS Designer) automatically opens without your needing to re-enter user credentials.

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<b>ARIS Method</b>	
DMN 1.2 decision table modeling	Modeling decision tables presented like spreadsheets allow a clear definition of structured decisions with the corresponding rule set. Item types are used for a consistent definition of simple and complex data that corresponds to the official DMN standard.
Ecosystem modeling	ARIS features the new method "Business Ecosystem." Its focus is on making the business ecosystem of a company transparent by showing the interplay between different actors.
<b>ARIS Aware</b>	
Localization of dashboards	Essential components of a dashboard, such as axis, dimensions and charts, can be translated into a native language.
Management heat matrix	The new management heat matrix visualizes qualitative data points in an easy-to-consume way. You can map up to three dimensions to an individually colored map. Ideal for visualizing risks in the form of a risk heat map.
Enter exact values for value slider	Instead of sliding the upper and lower boundaries of a value range, values can now be set numerically. Ideal when setting precise values is important.
Hide axis labels	If there is only limited space in a dashboard, it might help to hide axis labels. This is now possible for line, column, bar and bubble charts.
Dynamic images	You can now change images depending on a selection in a model or the dashboard via the dynamic definition of the image URL.
Geo and vector maps	The ability to visualize and highlight geographical areas as well as pin points of interest on a map is a key requirement of business dashboards. The new geo and vector map widgets embed those types of visualizations in ARIS Aware dashboards.
ARIS Aware dashboard for GRC	An out-of-the-box dashboard gives an overview of risks and controls assigned to a process, the current workflow progress, and results of risk assessments and control tests based on data from ARIS Risk & Compliance Manager (ARCM).
<b>ARIS Connect/ARIS Cloud Enterprise</b>	
Highlighting of process paths <i>Requires XML configuration depending on feature scope</i>	<p>You can guide end-users through process models by showing them:</p> <ul style="list-style-type: none"> <li>• Standard paths (the "happy path")</li> <li>• Exceptions that might apply</li> </ul> <p>This makes it much easier to consume process-related information as end-users can focus on the main information first before reviewing additional details. You can configure highlighting to support this use case. The out-of-the-box configuration sets are extended to support the connection attribute "Remark/example" with the values "HAPPY_PATH" or "EXCEPTION_1; EXCEPTION_2; EXCEPTION_3."</p>
Highlighting of properties (e.g., roles or functions of a role) <i>Requires XML configuration depending on feature scope</i>	Many customers requested the ability to highlight objects that occur in the model based on occurrence selection. Now it is possible to show, for example, all roles in a model and select a specific role to be highlighted in a business process. Additionally, patterns can be defined that highlight roles and related functions so users know what tasks they need to perform in a specific role.
Show connection details in ARIS Connect * <i>Requires XML configuration depending on feature scope</i>	You can review connection details in the diagram view. Additionally, fact sheets can be configured to show properties of connections.
Thumbnail in diagram view*	A thumbnail in the diagram view indicates where the user scrolls on the full canvas. This makes it easier to navigate large diagrams and see which content is available on the canvas that is not shown in current selection.

\* This feature is also available for ARIS Cloud Advanced

ARIS 10 SR6 feature	Feature description
Embedded views in third-party systems (e.g., wiki) <i>Requires XML and ACC configuration depending on feature scope</i>	The share functionality has been extended to allow users to simply embed ARIS Connect views in third-party systems like a wiki or another portal. Simply click "share" in the overview, steps or diagram views and copy the embedded code in the third-party system. As a result, the copied view with the content (e.g., a process) will be loaded in the third-party system with a dedicated lean view. Clicking links will open ARIS Connect.
Keyboard control improvement in the portal of ARIS Connect/Cloud*	Keyboard focus and control have been optimized to allow working with keys in ARIS Connect. Ideal when determining what software is accessible.
Help page with keyboard control shortcuts*	The help of ARIS Connect/Cloud has been extended to show the keyboard shortcuts of ARIS Connect/Cloud in a central place.
Move folders in ARIS Document Storage (ADS) <i>Requires configuration/ scripting depending on feature scope</i>	You can move folders in ADS. This can be done through the UI or via ARIS Process Governance (APG). This feature requires administration privileges for ADS.
Mass file migration support for ADS <i>Requires configuration/ scripting depending on feature scope</i>	The report API now supports mass file migration.
Inline display of documents within the browser window <i>Requires UI-based configuration depending on feature scope</i>	You can configure ADS so that documents are shown in the browser window instead of downloading them to a local computer.
Show status per version in details of documents	You can now review the status of versions in the version detail page.
Configuration for steps view	You can exclude certain symbols in the steps view with a simple configuration change. Ideal when excluding controls or process interfaces from the steps view.
Portal configuration	The configuration of the portal is now considered in the backup and restore functionality for tenants.
Central User Management (UMC) e-mail notification templates	The notifications from UMC are now considered in the backup and restore functionality for tenants.
SSO over Security Assertion Markup Language (SAML) applied in download clients	If a user authenticates via ARIS Connect, then the authentication is automatically done in the download client as well.
License monitoring report <i>Will be released in a later service release</i>	The new license monitoring report in UMC lets you analyze the actual usage of licenses based on activated audit events.
ARIS Cloud Advanced Architect with Extension Packs (EP) Business Strategy & Enterprise Architecture Management* <i>Will be released in a later service release/cloud release</i>	Using the ARIS Cloud Advanced edition, it's now possible to work with a download client (ARIS Cloud Advanced Architect) for advanced design functionality.  To focus on special modeling use cases Architect will be extendable with EPs for Business Strategy Modeling and Enterprise Architecture Management.

\* This feature is also available for ARIS Cloud Advanced

ARIS 10 SR6 feature	Feature description
<b>ARIS Connect Designer</b>	
Copy/paste objects from the repository to ARIS Connect Designer	You can copy ARIS objects from the repository and paste them to the modeling grid of the ARIS Connect Designer. This significantly improves the possibilities of reusing already existing ARIS knowledge.
Guided arrangement of objects and connections	Guides help the modeler arrange objects more intuitively on the grid. Guides and a corresponding rasterizing assist in placing objects by considering the position of already placed objects. The same applies to arranging connections between objects. Modeling becomes easier and faster with a higher visual quality at the same time.
Quick link to portal view	You can now jump from the model editor in ARIS Connect Designer to the corresponding fact sheet in the ARIS Connect portal.
Attribute groups	The selection of attributes for editing in ARIS Connect Designer was simplified by structuring them into attribute groups. This makes it easier to find requested attributes; it's especially useful when there are many attributes to choose from.
Improved object placement	To improve the modeling experience, a "ghost" was added next to the mouse that provides information on the currently selected object type. This simplifies the object placement, especially in the case of equal shapes for different object types.
Report automation	Reports can now be executed automatically when creating a new model but before opening it. This helps you automatically manage the process landscape and simplifies the modeler's job. Sample scenarios are an automatic numbering of models, maintenance of attributes or the preparations of objects.
Improved matrix modeling	Matrix modeling was improved by adding: <ul style="list-style-type: none"> <li>• Filtering of the inspector panel</li> <li>• Creating object assignments</li> <li>• Jumping to fact sheets in the ARIS Connect portal</li> <li>• Zoom matrix by scrolling</li> </ul>
Faster startup of ARIS Connect Designer	The startup time of ARIS Connect Designer was reduced by more than 30 percent.
Apple® support*	ARIS Connect Designer now works on macOS® and Safari® 11+. That means you can consume (via ARIS Connect Viewer) and design on the Mac®.
<b>ARIS for SAP® Solutions</b>	
Download BPMN process diagrams from SAP® Solution Manager to ARIS	BPMN process diagrams can be downloaded from SAP Solution Manager to ARIS. This feature is particularly useful in downloading of reference content provided by SAP so that the contained diagrams can be used as a starting point for process analysis and design in ARIS.
Synchronize executable library	The executable library can be synchronized between ARIS and SAP.
ARIS Connect Designer ready-to-model SAP processes	ARIS Connect Designer offers convenient wizard-based modeling of SAP processes.
Increased synchronization performance	Based on several optimizations in the synchronization algorithms, the performance to synchronize content between ARIS and SAP has significantly increased.
Support multi-value SAP attributes in ARIS	Multi-value SAP customer attributes are supported in the synchronization.
Start SAP executables of SAP Fiori® apps in ARIS Connect	In addition to SAP executables of type transactions, Fiori apps can now be launched in ARIS Connect.

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<b>ARIS Process Governance (APG)</b>	
Defining custom separator for report-supported list-based controls	If list-based APG controls are filled using a report, comma handling for list items was an issue. For example: <code>Context.setProperty("value","one,two,three")</code> would add three separate values to the control. The root cause is that the comma is recognized as a separator. With this version, the user can specify the separator. For example: <code>Context.setProperty("separator","###"); Context.setProperty("value","my,first,value###my second value")</code> .
Archiving completed instances	You can now archive completed APG instances while in process administration. Archived instances are stored in ADS and can be replayed or deleted. There is a dedicated history to see all archiving-related operations. Archiving operations can also be triggered programmatically via the APG report API.
<b>ARIS Process Performance Manager (PPM)</b>	
ARIS Root Cause Miner	ARIS Root Cause Miner automatically identifies root causes leading to the occurrence of a process symptom that can be interactively specified by dashboard users at run time.
Filtering measures and KPIs in the process mining context	In addition to dimensions, measures and KPIs can now be filtered in the process mining context as well.
Adding slider widgets to the filter panel	Slider widgets for filtering on measures and KPIs can be added to the process mining filter panel.
Adding filters at design time	Filters can be added to the process mining filter panel at design time of dashboards in order to use them in each start of the dashboard.
Excluding dashboard widgets and charts in filters	Dashboard widgets and charts in the process mining context can be excluded from filtering.
Excluding functions from conformance checks	Functions in to-be process models in ARIS can be excluded from conformance checks. This is particularly useful for manual steps that are typically not available in event logs.
Process variants discovery in PPM systems with a distributed architecture	Process variants are discovered in PPM systems featuring a distributed architecture, i.e., comprising a master and several sub servers.
Update to extractor for JDBC®	The JDBC supports the datatype BIT for SQL Server®.
Java® web start replacement	The former Java® web start is replaced by the standard ARIS download client mechanism.

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<b>ARIS Risk &amp; Compliance Manager (ARCM)/ARIS GRC Cloud</b>	
Questionnaire template for Data Protection Impact Assessment (DPIA)	Documentation of results of DPIAs is supported with a new questionnaire template.
DPIA report and dashboard	A DPIA report gives an overview of the information gathered for one processing activity, including the assessment results, questionnaire data and issues. DPIA dashboards show the progress and results of DPIA assessments and detailed information about issues generated from the answers given in the assessment.
Separate Processing Activities Documentation (PAD) questionnaire templates for controller and processor	PAD questionnaires are now different for controller and processor, gathering specific information depending on the role of the interviewee.
Questionnaire template for application system qualification	For customers addressing GDPR with ARIS, the qualification of application systems can be documented via questionnaire.
Improved fact sheets for control and function	Separate ARIS Connect fact sheets for functions and controls show specific additional information depending on symbol used.
Improved access to ARCM data via dashboard feed	Look for additional and improved access to sign off information, to hierarchies, control execution, surveys and questionnaires.
Control auditor role	Read-only role for controls, control execution tasks and control executions were added.
Control execution tab added to hierarchies	Control executions can now also be accessed via hierarchies.
Simplified/reduced set of mandatory attributes	Mandatory attributes and assignments are reduced to only those technically needed.
Import of complete hierarchies into ARCM, no matter if GRC elements are assigned	You can now import a complete hierarchy into ARCM, no matter if GRC elements are assigned or not.
Descriptive information for questions and answers available in offline processing	A downloaded questionnaire now contains the whole information from the form in ARCM, including remarks.
Remark field for every role	Each form now has a remark field for owner and reviewer role.
Hand over form to other user groups	It is possible for an owner or a reviewer to hand over an assigned form to another group.
ARIS Aware dashboard for GRC	An out-of-the-box dashboard gives an overview of risks and controls assigned to a process, the current workflow progress, and results of risk assessments and control tests based on data from ARCM.

\* This feature is also available for ARIS Cloud Advanced

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<b>Technical improvements</b>	
ARIS Administration: Automatic certificate provisioning	Using ARIS Architect or Designer with a secure (HTTPS) connection requires a Secure Socket Layer (SSL) certificate to be installed on the client system. If it is not available, ARIS Architect and Designer can now take it from the server and install it on the client machine automatically. This simplifies how administrators distribute certificates.
Tenant management: Email notification for scheduled backups	All users with the server-wide function privilege "Tenant Administration" now receive an email notification with the result of scheduled tenant backups.
Web client performance improved (load/startup)	The load time for ARIS Connect Designer has significantly improved.
12 Mio DB breakthrough	ARIS can hold in just one database 10 times more data than before (up to 10 million artifacts) by guaranteeing an equal performance but of course an equivalent higher amount of RAM.
Improvements for large enterprises	In distributed environments, uninterrupted patching is feasible.
More event-based macros with more flexibility	For report scripts or semantic checks there are more user-defined actions/events made available for ARIS Connect.
Enhanced font administration for reports	Particularly for ARIS installations on Linux® missing TTF fonts can be added for PDF reports and generated model graphics.
More flexibility for objects in ARIS Connect Designer	ARIS Connect Designer can be configured per tenant via ARIS Server Administrator to hide non-configured objects and to use the entire object surface for text.
Graphical user interface for long-term tasks	Long-running tasks, such as reports, merge, database backup or restore, are listed in ARIS Administration, e.g., via shortcut <a href="http://localhost/#default/adminTask">http://localhost/#default/adminTask</a> . Running tasks can be stopped and completed tasks be reviewed.
Backup databases without versions	The new command "backupunversioned" in ARIS Server Administrator creates a database backup (.ADB file) only from the database workspace, but omits any archive/change lists contained in the running database.
Graceful shutdown of ARIS	When Windows® OS is going to shut down, ARIS gets sufficient time to gracefully shut down itself, avoiding startup issues.
Setup validates user input	Setup checks for recommended sizing, existence of proxy, SMTP server, DBMS, unexpired licenses and for a proper hostname and available TCP/IP ports. This greatly helps to avoid a failed first-time startup.
More precise calculations of required free disk space for updating distributed installation	The required free disk space is calculated more precisely by considering permanent and temporary disk space of each runnable when updating an ARIS installation.
Improved file access check for updating distributed installations	The file system access is checked upfront when updating one or all runnables.
Better version check of ARIS components in distributed installations	ARIS checks if the versions of ARIS Agent, ARIS Cloud Controller and the distributed runnables are compatible.

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