software^AG

ARIS 10 SR 20
New Features Overview

Fact Sheet

ARIS 10 SR20 feature	Feature description
ARIS Basic – Viewer	
Enhanced user management UI	Managing users, roles, and privileges must be as easy as possible—so your focus stays where it matters the most.
	With the new UI for user management in ARIS Basic and Advanced, you have a better overview of users, enabling easy filtering and bulk operations.
ARIS Basic – Designer	
See object occurrences in ARIS Web Repository	When designing your business, it is crucial to reuse agreed terms and objects. Thus, the new occurrence tab in the details view of your Web Repository enables you to investigate the different contexts in which an object is used.
	You can now obtain an overview list of occurrences in the Web Repository by selecting an object. This enables you to quickly estimate how widely an object is reused and which models will be affected by a change to the object's definition.
	Moreover, clicking on an item will open the model. The occurrence will be highlighted (selected), enabling you to quickly assess the context.
Find related information in ARIS Web Repository search	Designers and business analysts often need to find specific contents of the database which fulfill specific conditions. Finding this content without much effort in order to trigger actions at a given point in time is crucial.
	While the use of a wildcard search can be a great starting point, various filtering options are often key to finding the right content. Therefore, we enhanced the repository search by allowing filters for relation properties. They can help you quickly narrow down the result list.
Enhanced user management UI	Managing users, roles, and privileges must be as easy as possible—so your focus stays where it matters the most.
	With the new UI for user management in ARIS Basic and Advanced, you have a better overview of users, enabling easy filtering and bulk operations.
ARIS Advanced – Viewer	
Enhanced user management UI	Managing users, roles, and privileges must be as easy as possible—so your focus stays where it matters the most.
	With the new UI for user management in ARIS Basic and Advanced, you have a better overview of users, enabling easy filtering and bulk operations.
Assign roles and privileges via user groups	With ARIS Advanced, now you also have the possibility to assign roles and privileges via user groups, making user administration tasks quicker and easier to manage as the number of users grows with the expansion of your project.

ARIS 10 SR20 feature	Feature description
ARIS Advanced – Designer	
Enhanced user management UI	Managing users, roles, and privileges must be as easy as possible—so your focus stays where it matters the most. With the new UI for user management in ARIS Basic and Advanced, you have a better overview of users, enabling easy filtering and bulk operations.
Assign roles and privileges via user groups	With ARIS Advanced, now you also have the possibility to assign roles and privileges via user groups, making user administration tasks quicker and easier to manage as the number of users grows with the expansion of your project.
See object occurrences in ARIS Web Repository	When designing your business, it is crucial to reuse agreed terms and objects. Thus, the new occurrence tab in the details view of your Web Repository enables you to investigate the different contexts in which an object is used. You can now obtain an overview list of occurrences in the Web Repository by selecting an object. This enables you to quickly estimate how widely an object is reused and which models will be affected by a change to the object's definition. Moreover, clicking on an item will open the model. The occurrence will be highlighted (selected), enabling you to quickly assess the context.
Find related information in ARIS Web Repository search	Designers and business analysts often need to find specific contents of the database which fulfill specific conditions. Finding this content without much effort in order to trigger actions at a given point in time is crucial. While the use of a wildcard search can be a great starting point, often various filtering options are key to finding the right content. Therefore, we enhanced the repository search by allowing filters for relation properties. They can help you quickly narrow down the result list.
Easily upload new documents	As your document storage grows, it might become challenging to maintain and reuse your documents. Thus, we improved the document management capabilities and now provide you with the right tools to keep your repository wel organized. When adding new documents in the design process, designers had to upload the document, search for it, and link it correctly. In the past, this led to designers uploading multiple duplicates since they forgot what directory they uploaded it to. Our new workflow now automatically preselects the uploaded file no matter what directory it was uploaded to. As a designer, you only need to confirm the preselection to successfully attach it.
Easily update document revisions as a designer	The ARIS document storage already offers you different revisions of a document, allowing you to keep track of the changes. When updating a document to the latest revision while designing, designers had to search for the linked file, update its revision, and finally select the correct revision. These manual steps are error-prone and lead to duplicates being uploaded and revision links not being maintained properly. The improved workflow automatically pre-selects the current revision for you in your ADS and allows you to update the revision in place.
Search and filter for documents	ARIS provides further search and filter capabilities that help you to find the relevant documents. While linking to new revisions, you can now search for documents and filter them according to the last modified date. You can even filter only the documents that you've changed. This makes it easier for you to link to new revisions that you've updated earlier or days ago. We provide you with the same search and filter capabilities in the ADS repository as well. This will help you to maintain a well-organized repository and save time.

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ARIS Advanced – Admin	
Enhanced user management UI	Managing users, roles, and privileges must be as easy as possible—so your focus stays where it matters the most. With the new UI for user management in ARIS Basic and Advanced, you have a better overview of users, enabling easy filtering and bulk operations.
Assign roles and privileges via user groups	With ARIS Advanced, now you also have the possibility to assign roles and privileges via user groups, making user administration tasks quicker and easier to manage as the number of users grows with the expansion of your project.
See object occurrences in ARIS Web Repository	When designing your business, it is crucial to reuse agreed terms and objects. Therefore, the new occurrence tab in the details view of your Web Repository enables you to investigate the different contexts in which an object is used. You can now obtain an overview list of occurrences in the Web Repository by selecting an object. This enables you to quickly estimate how widely an object is reused and which models will be affected by a change to the object's definition. Moreover, clicking on an item will open the model. The occurrence will be highlighted (selected,) enabling you to quickly assess the context.
Find related information in ARIS Web Repository search	Designers and business analysts often need to find specific contents of the database that fulfill specific conditions. Finding this content without much effort in order to trigger actions at a given point in time is crucial. While a wildcard search can be a good starting point, different filtering options are often necessary to find the right content. Therefore, we enhanced the repository search by allowing filters for relation properties. They can help you quickly narrow down the result list.
Easily upload new documents	As your document storage grows, it might become challenging to maintain and reuse your documents. Thus, we improved the document management capabilities and now provide you with the right tools to keep your repository well organized. When adding new documents in the design process, designers had to upload the document, search for it, and link it correctly. In the past, this led to designers uploading multiple duplicates since they forgot which directory they uploaded it to. Our new workflow now automatically preselects the uploaded file no matter what directory it was uploaded to. As a designer, you only need to confirm the preselection to successfully attach it.
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ARIS 10 SR20 feature	Feature description
ARIS Enterprise	
ARIS Enterprise – Server/Enterprise Server	
Improved Report API for documents	Get revision information for a document and folder permissions using the ARIS Report API.
Admin bundle and stand-alone Web Admin	The ARIS Enterprise Web Admin can be purchased stand-alone or as a part of the ARIS Enterprise Admin bundle.
ARIS Enterprise – Viewer	
Find loosely coupled stakeholder documents in new portal enterprise search	Sometimes, additional supporting documents are uploaded to ARIS Document Storage (ADS) as so-called "stakeholder documents" and have no representation as objects and therefore have no link to an ARIS object. Instead, they are loosely coupled to the diagrams in ARIS. They have their own document lifecycle, completely independent of the diagram's approval and therefore live in ADS (where you can see the relationships to models in the ARIS repository). What's the benefit of using this new search? You will now be able to find diagrams in your result list that relate to these documents and see the result in context, but only if they were approved for viewing.
Allow to switch on/off role-based filters upon navigation	In the filter selection component of the ARIS Portal configuration, it is now possible to set up the automatic switching on/off of the role-based filter upon navigation from one portal page to the other.
ARIS Enterprise – Viewer Pro	
Column pinning in the grid widget	Allow sorting, filtering, and pinning columns in the table widget.
Waterfall chart	The new Waterfall chart widget shows a running total as values are added or subtracted. It's useful for understanding how an initial value (for example net income) is affected by a series of positive and negative values.
ARIS Enterprise – Designer	
Easily upload new documents	As your document storage grows, it might become challenging to maintain and reuse your documents. Thus, we improved the document management capabilities and now provide you with the right tools to keep your repository well organized. When adding new documents in the design process, designers had to upload the document, search for it, and link it correctly. In the past, this led to designers uploading multiple duplicates since they forgot what directory they uploaded it to. Our new workflow now automatically preselects the uploaded file no matter what directory it was uploaded to. As a designer, you only need to confirm the preselection to successfully attach it.
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Enable roll out of variants including (BPMN) subprocesses and Function Allocation Diagrams	Processes are often described using Function Allocation Diagrams to collect additional information. Furthermore, functions and process steps can be described via subprocesses at a more detailed level. But all these different diagrams belong together. The creation of variants as well as the rollout of changes in the master model into selected variants can now be triggered with one single action, including all assigned diagrams. Customers can select if they want to include descriptive assignments (like function allocation diagrams) and/or models describing objects on a more detailed level (e. g., used to document the process hierarchy). For the variant owner, all relevant models will become part of their workbench to finish the rollout.
Find related information in ARIS Web Repository search	Designers and business analysts often need to find specific contents of the database that fulfill specific conditions. Finding this content without much effort in order to trigger actions at a given point in time is crucial. While the use of a wildcard search can be a great starting point, various filtering options are often key to finding the right content. Therefore, we enhanced the repository search by allowing filters for relation properties. They can help you quickly narrow down the result list.
ARIS Enterprise – Extension: Risk & Compliance	
Additional settings Detectability and Trend for risk assessments	In the past, qualitative risk assessments were performed by the dimensions of Frequency and Extent only. For some risk management approaches, risk assessments should not only cover extent and frequency but also detectability (e. g., FMEA). Furthermore, evaluating and describing the trend can be useful in determining relevant measures. In the new release, customers can easily define their own values and generate assessments that cover these additional dimensions.
Enhancements in modeling	A new symbol, "Measure", has been added to the ARIS method that can be identified easily as a specific GRC object. This object is meant to describe any kind of mitigation against a risk that is not covered by specific object types such as a control or a policy. It is only used for describing purposes. Sound risk management requires measuring risk exposure against the risk-bearing capacities of assets like processes, applications, organizational units, etc. For this reason, a new attribute group and respective attributes have been added to the ARIS method for those asset objects and other relevant object types like risk category.
Improved user experience	HTML templates can be defined for mail notifications in ARIS Risk and Compliance. Notifications are available for "Publish only" policy rollouts.
Smaller improvements	• GRC Dashboard Modifications: individual tabs for each use case are available • New risk matrix report is available • Minor changes to policy management (names, attributes, fact sheets, forms, etc.) • Simplified policy management forms (adjustable via configuration settings)

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ARIS Enterprise − Extension: SAP® Solution	
Improved formatting for synchronization between ARIS and SAP® Solution Manager	It is possible to format attributes in ARIS and in SAP® Solution Manager. With the new release, this formatting is retained unchanged, if possible, e. g., bold, italic, numbering, bullets, paragraph, indent, line break, underline. Depending on character size in ARIS, text is mapped to Heading 1-Heading 3, or standard text.
Improved UI for synchronization wizard	The wizard to select the project to be synchronized with SAP® Solution Manager now shows the selected project configuration in an improved way: The differentiating part is now shown at the beginning: \<server\>- \<solution\> - \<branch\>
Enable API for SSO to allow easy access to and from SAP® EnableNow	User management can now be configured with a whitelist of users not subject to 'Force SSO'. Only whitelisted users can access the ARIS API using basic authentication.
Copy an SAP® Solution Manager conformant definition with the SAP modeling support wizard.	Attributes that must be unique for synchronization with SAP® Solution Manager are no longer filled when creating a definition copy.
ARIS Process Mining Enterprise	
ARIS Process Mining − Analyst (Advanced, Enterprise), requires Living Process license	
Process mining-enriched process models	Published process models currently tend to be static and are not augmented with KPIs, so process models cannot be analyzed from a data perspective. Process models can now be enriched by process mining data. By applying ad-hoc filters, e. g., to a specific country or time range, the performance of process models can be flexibly displayed and analyzed. In addition, process models can also be easily embedded in process mining analyses.
Ad-hoc field calculation incl. support for variables and parameters	Until now, you had to switch to the dataset to define new calculated columns for the data that had been loaded already. With the new release you can: • directly define calculated columns in the App builder • compute those KPIs without reloading them and use them directly; and • define variables that can be used throughout your dashboard
Data export from analysis UI	In process mining you can create your own dashboard and use not only predefined calculations, but also KPIs that are based on your own calculations. Those KPIs can then be visualized using, e. g., the integrated AppBuilder. You can now save the results of the various dashboard charts and use them in other visualization or dashboarding tools.

ARIS 10 SR20 feature	Feature description
ARIS Process Mining – Analyst (Advanced, Enterprise)	
Process Compliance: Conformance & rule-checks	The analysis of process compliance based on structural conformance checks already provides valuable insights. However, it falls short when it comes to checking business rules in addition to structural conformance.

With the introduction of rule checks, process compliance can now be verified based on both structural and rule-based analyses. For orders above a certain threshold, e. g., a specific process path must be followed with an additional approval step.

This raises conformance checks to the next level of sophisticated process compliance analysis. |
| **ARIS Process Mining – Engineer (Advanced, Enterprise), requires Living Process license** | |
| Insight-to-Action triggers issues in ARIS Risk and Compliance | Insight-to-Action allows actions to be triggered automatically when ARIS Process Mining detects certain process conditions; this should be extended so that incidents can also be created directly in ARIS Risk and Compliance.

Insight-to-Action is enhanced with support for ARIS Risk and Compliance as a new target system.

This enables the automatic creation of compliance incidents in ARIS Risk and Compliance as soon as a specific process condition is detected, e. g., a violation of process compliance. |
| **ARIS Process Mining – Engineer (Advanced, Enterprise)** | |
| Code editor to script KPI and dimension fields | Defining new calculated columns via the graphical editor is an easy way for beginners, but experienced users would like a script-like way to define new value calculations.

The new script option in the analysis model allows the definition of new calculated columns in a script editor.

The user is supported in scripting by highlighting and suggestions. |
| Fact tables in data modeling to support one-to-many relations | Currently, one-to-many relationships are only supported between a case and its activities, which limits the scope for analysis. E. g. an invoice can belong to many purchase orders, i. e. cases

By introducing fact tables into the data model, one-to-many relationships can now be expressed in a wider scope.

This enables aggregating attributes over unique objects only, e. g., the total number of invoices of selected purchase orders, where a single invoice is counted only once as a unique object. |