



# ARIS 10.0 SR22

## New Features Overview

March 2023



ARIS 10.0 SR22

# Introduction

# Embracing change is the only alternative

There is no other option



## We're living in the "age of digital transformation"

The ways of working are changing, drastically in some cases.

Recent examples: ChatGPT (released in Nov 2022), "Dying" professions due to automation & digitalization (e.g. taxi driver, mail sorters, lawyers, data entry clerks)<sup>1</sup>

## Companies face a multitude of tough challenges

Inflation and economic downturns ahead. Increased insecurities in supply chains. Sustainability. Cyber attacks.<sup>2</sup>

Recent examples: *8.5% inflation in EU (Jan 2023)*, *German study reports 900 Bn. € costs by 2050*

## Increasing customer expectations<sup>3</sup>

Delivering a better experience and adding more value are key ingredients in winning the hearts of customers.

Recent examples: Amazon's delivery stations, Volvo's AI-based safety system

## We're facing a "regulatory tsunami"<sup>4</sup>

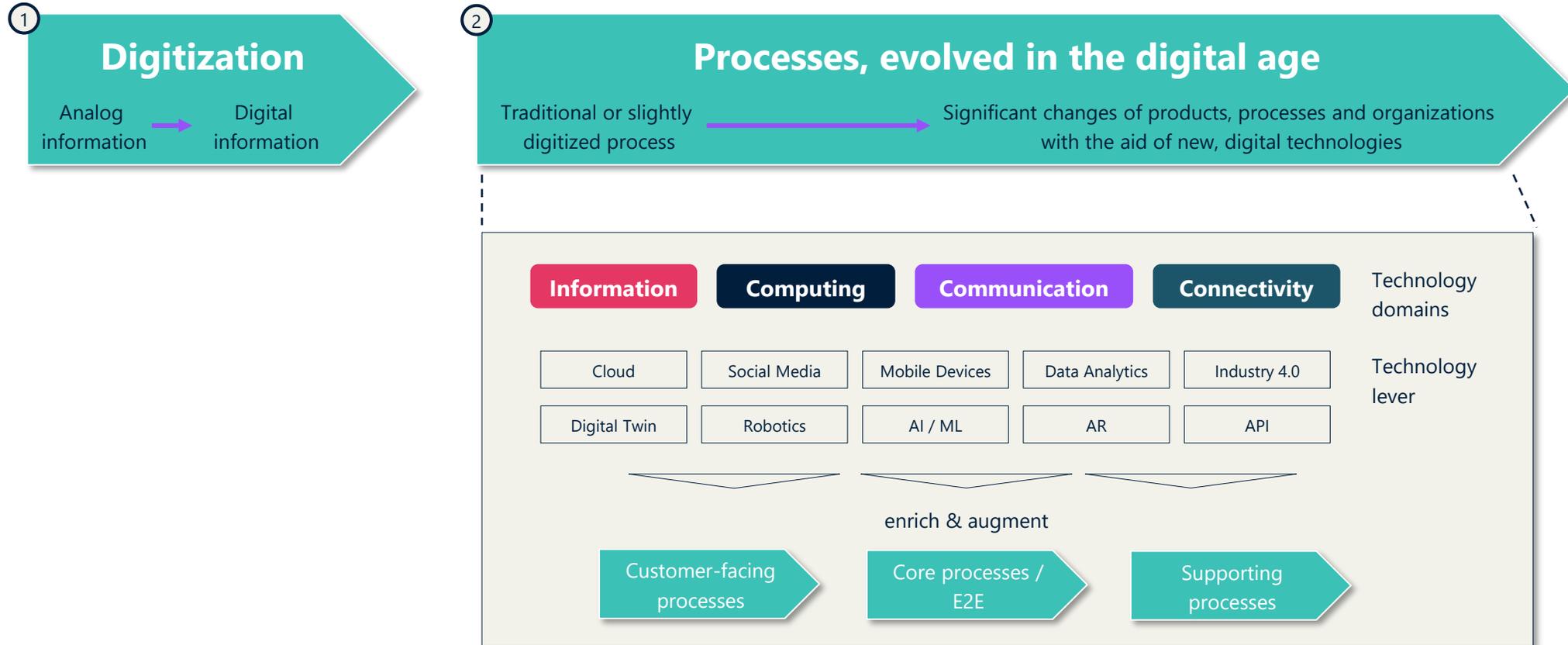
Stricter rules in doing business. Increasingly challenging and more complex business with need for compliance.

Recent examples: Data privacy (e.g. GDPR), Sustainability (ESG)

# Digital Transformation

Adopt digital technology within an organization to digitize products, services and operations<sup>1</sup>

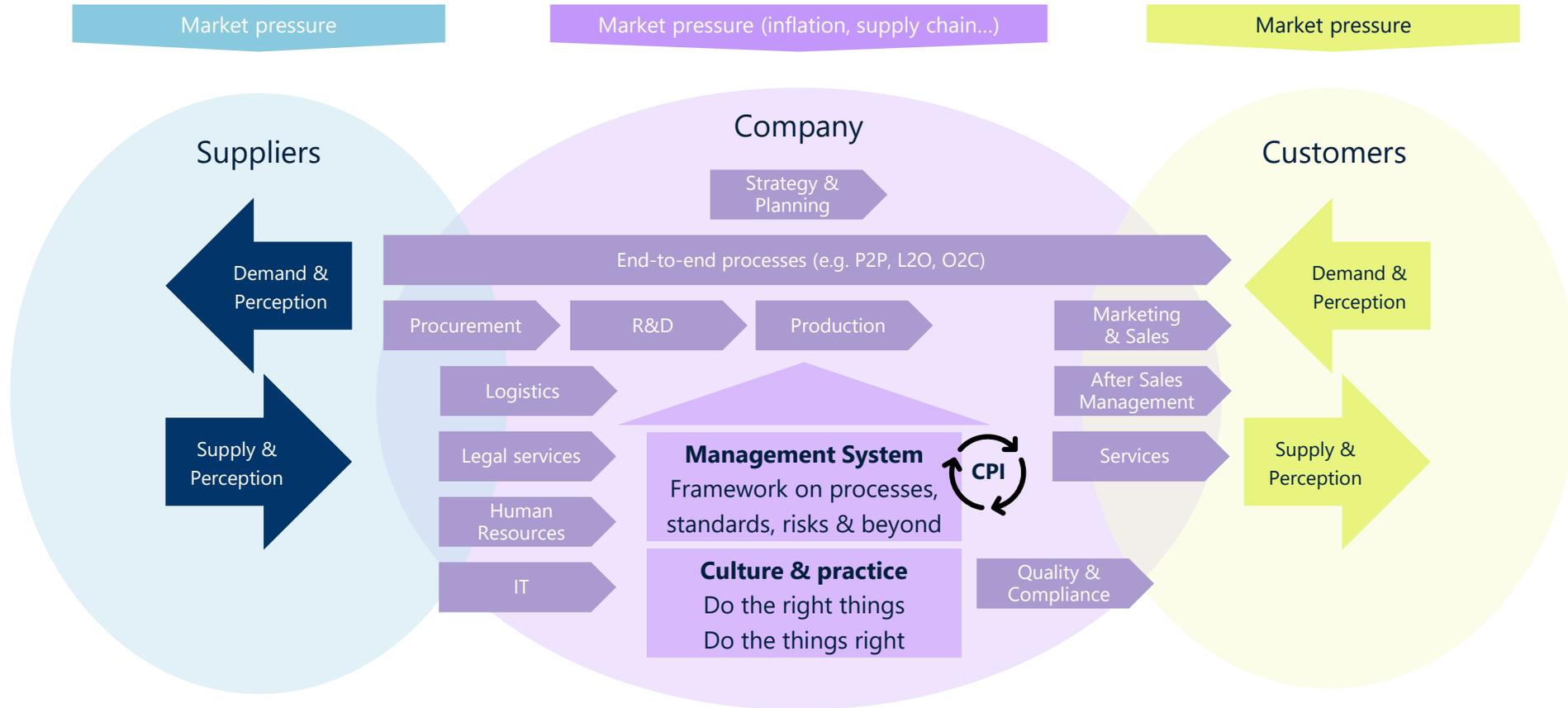
**Q: How does Digital Transformation affect business processes?**



# Operational Excellence<sup>1</sup>

Establish a culture of excellence with the highest possible value delivered to external and internal customers

**Q: In challenging times, how can Operational Excellence make a difference for your organization?**



# Operational Excellence<sup>1</sup>

Establish a culture of excellence with the highest possible value delivered to external and internal customers

**Q: In challenging times, how can Operational Excellence make a difference for your organization?**



**Reduce overlap, redundancy and conflict**



**Achieve reliability, agility, compliance and resilience**



**Establish quality for greater customer experience**



**Build an effective and efficient change infrastructure**

# ARIS 10.0 SR22

## Key priorities



1

### Journey to an Enterprise Management System

The right decisions in challenging times that demand for efficiency and resilience.



2

### Standards at your fingertips

Effective implementation of process improvements on every level of the organization.



3

### Risk and Compliance, enriched & modernized

Keep the license to operate despite the tsunami of regulations, at reasonable cost & complexity.



4

### Technology & administrative user workflows

Operate the Transformation/Enterprise Management System based on a stable and future-proof backbone.

# ARIS 10.0 SR22

## Highlights



1

### Journey to an Enterprise Management System

Processes augmented for maximum insights

Advanced process model augmentation | Process Mining in-app solution gallery | fine-grained analysis filters in Process Mining | trigger Process Governance from Process Mining (I2A) | Knowledge Bot



2

### Standards at your fingertips

Huge step forward to bring the ways-of-working to the masses

Search | Modernized content sheets | WYSIWYG | New sheet standards



3

### Risk and Compliance, enriched & modernized

Enhanced feature set and first steps towards SaaS public/shared cloud enablement

Multi-tenancy | Portal integration | API-based import



4

### Technology & administrative user workflows

Improved technology stack & administrative workflows

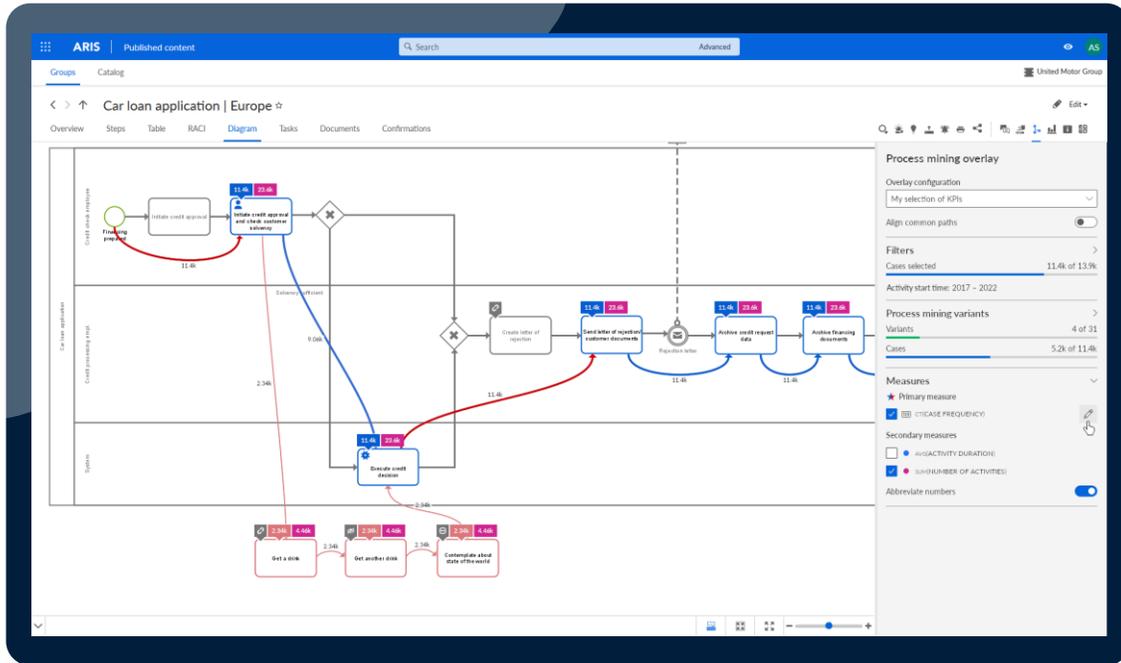
Advanced user rights in Process Mining | Upgrade scheduling in SaaS dedicated

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# Process Mining & Analysis

# Advanced process model overlay and augmentation

Combining process insights



## PREREQUISITES

- › Editions: Enterprise
- › Products: ARIS Process Mining and ARIS BPA
- › Other: Combined Deployment (dedicated cloud)

## DESCRIPTION

- › Augment Process Mining-related KPIs, activities and connections on an assigned BPMN model.
- › Gain deeper insights into business processes.
- › Drive better outcomes for process analysis projects.

## TARGET GROUP

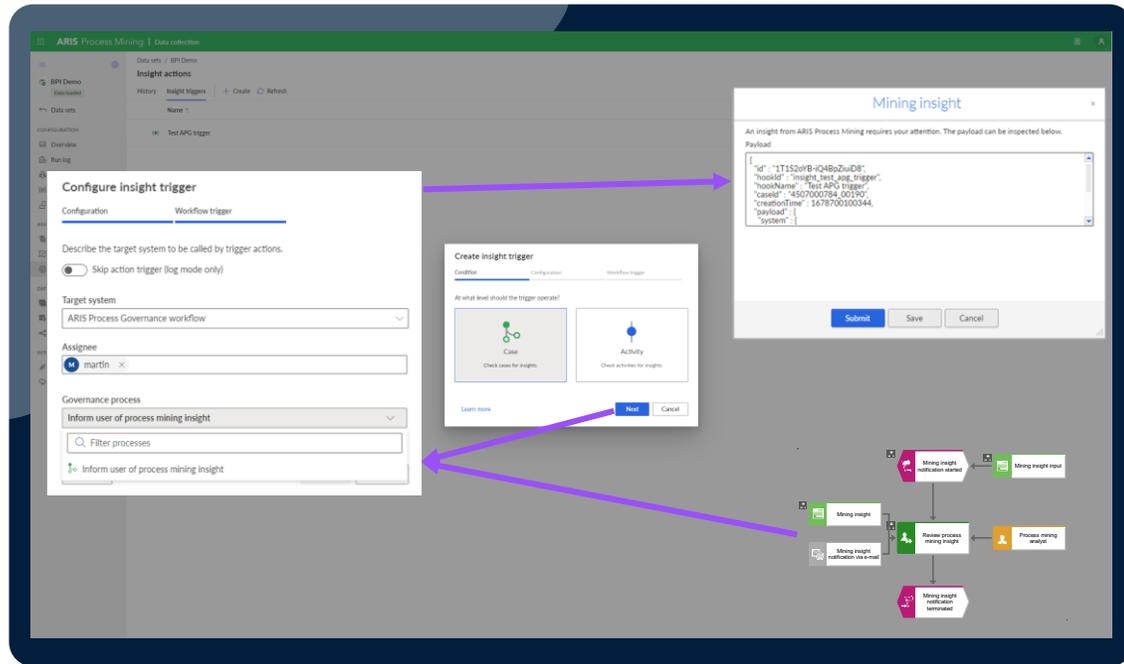
- › ARIS Users / Process Owners using ARIS BPA and ARIS Process Mining.

## BUSINESS VALUE

- › Combine views to show your most relevant Process Mining KPIs on your Process Models including missing activities, connections and further findings.

# Insight-to-Action can trigger process governance workflows

Trigger process governance workflows using self-defined Process Mining insights



## PREREQUISITES

- › Editions: Enterprise
- › Products: ARIS Process Mining and ARIS BPA
- › Other: Combined Deployment (dedicated cloud), ARIS Enterprise Server and Living Processes are required

## DESCRIPTION

- › New integration for ARIS BPA that enables ARIS governance workflows using insight actions in Process Mining.
- › Triggers can be defined using the built-in WYSIWYG editor.
- › Governance workflows can be built in ARIS BPA and assigned to be used via Process Mining.

## TARGET GROUP

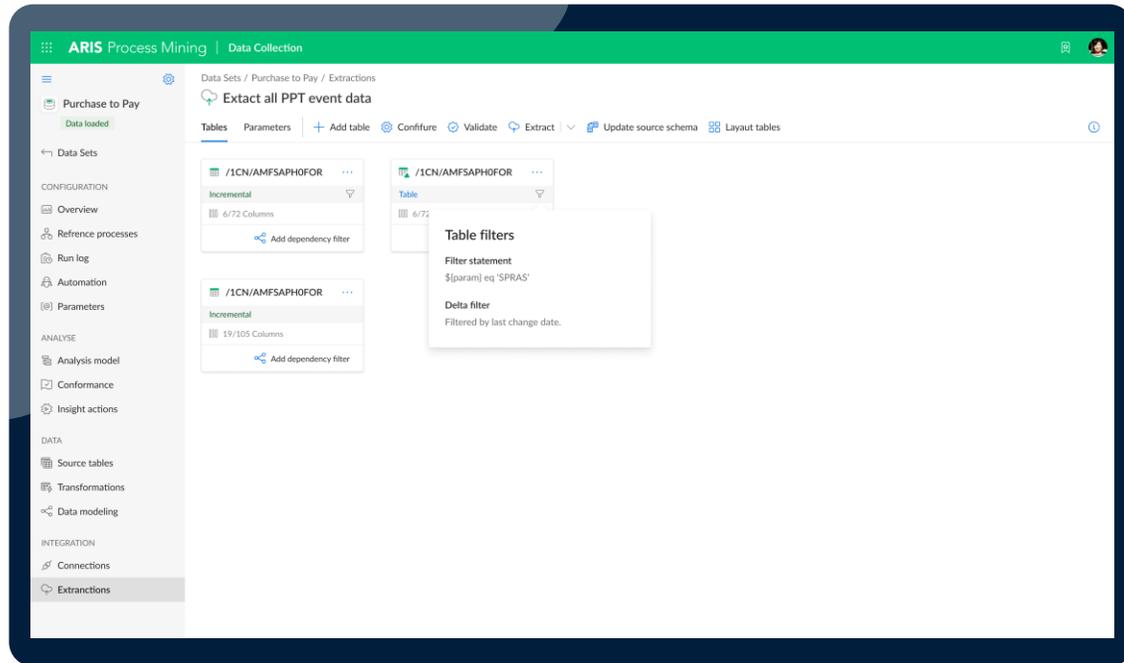
- › Process owners and data analysts.

## BUSINESS VALUE

- › Trigger process governance workflow automatically based on findings from Process Mining.
- › Start and assign workflows with Process Mining data.

# Delta Lake extraction via Databricks integration

Leverage data from existing Delta Lakes



## PREREQUISITES

- › Editions: Advanced + Enterprise
- › Products: ARIS Process Mining
- › Other: require Living Process license

## DESCRIPTION

- › Data can be extracted out of Delta Lakes, an open-source storage layer on top of data lakes, via the JDBC connectivity of Databricks.
- › Incremental data load is supported, e.g. by using the versioning information in the Delta Lake.

## TARGET GROUP

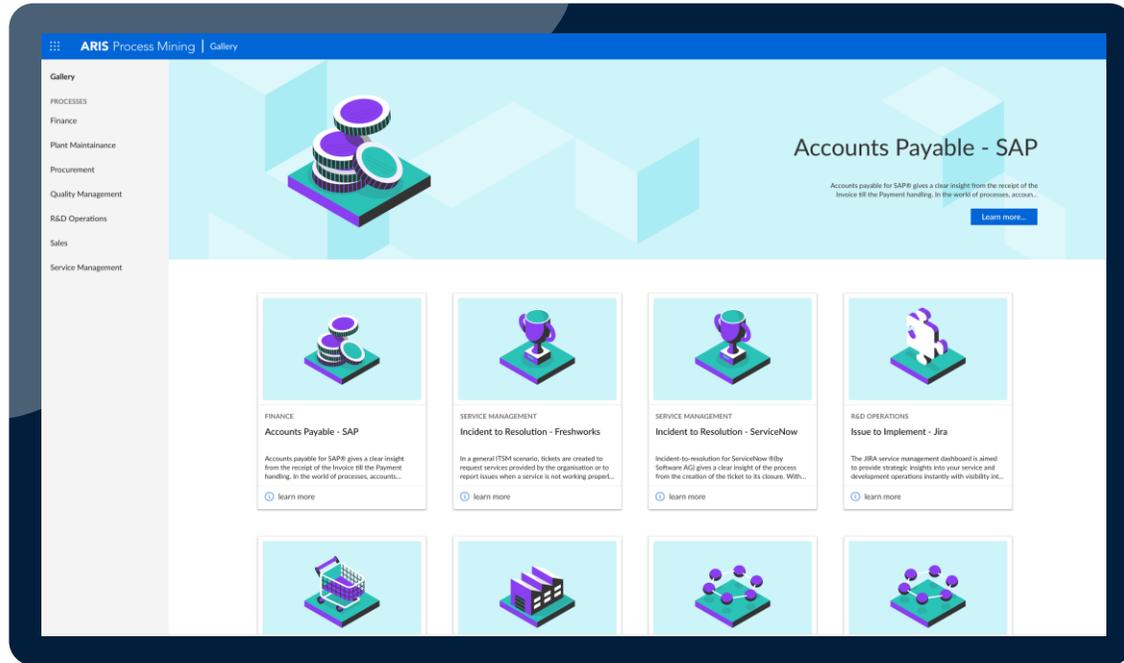
- › Engineer users building up a data pipeline for process mining.

## BUSINESS VALUE

- › Delta Lakes provide a more efficient and flexible approach than point-to-point integrations between individual business applications.

# Gallery with pre-built accelerators

Achieve quicker time to value



## PREREQUISITES

- › Editions: All
- › Products: ARIS Process Mining

## DESCRIPTION

- › Gallery helps users find accelerators to jump-start their process mining journey and achieve quicker time to value.
- › A user can install the standardized accelerators into the tenant and attach data to start generating meaningful insights.

## TARGET GROUP

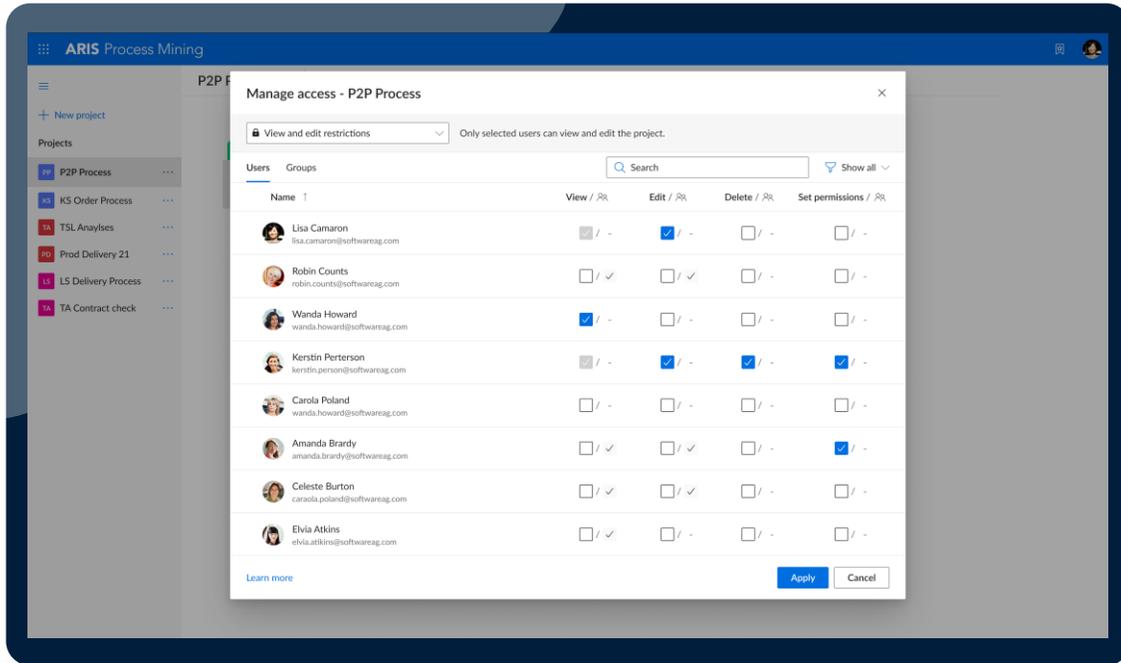
- › All process mining users with a special focus on engineers and analysts.
- › Partners to showcase their offerings and expertise.

## BUSINESS VALUE

- › Enable access to prebuilt accelerators built by experts also facilitating a quicker time to value.

# Advanced user rights management

Let the right people consume insights



## PREREQUISITES

- › Editions: Enterprise
- › Products: ARIS Process Mining

## DESCRIPTION

- › Allow only specific users to have access to certain projects and analyses.
- › Improve user management and authorization.
- › Control access for each user action (view/edit/delete) and define who can set permissions.

## TARGET GROUP

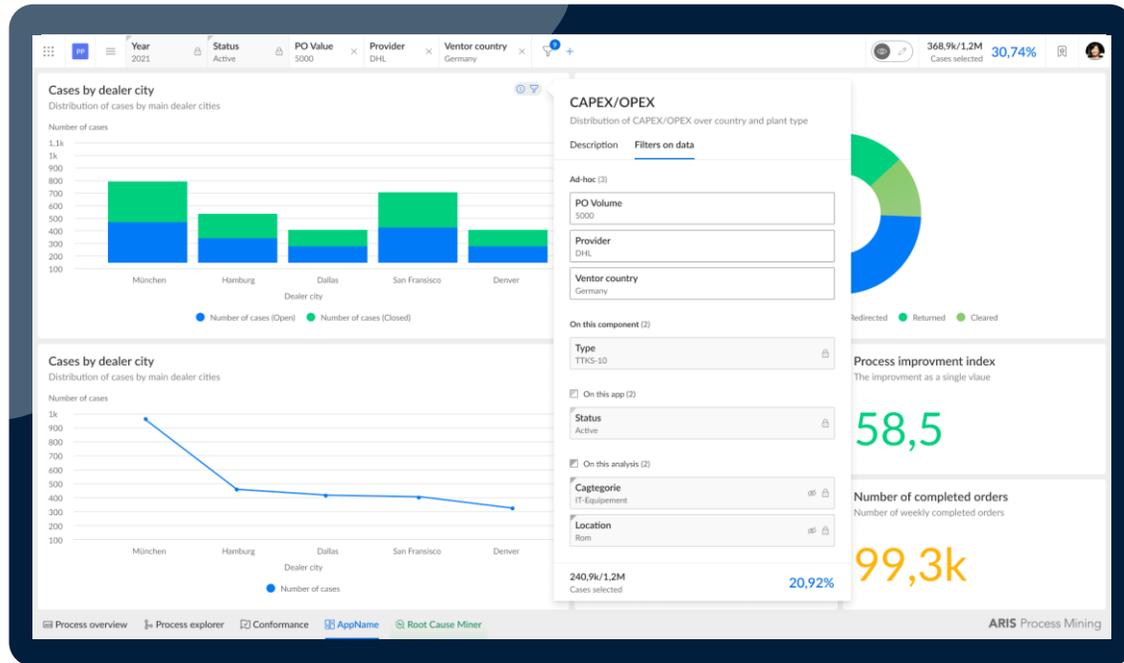
- › Analysts and administrators

## BUSINESS VALUE

- › Enable a roll-out to the right audience

# Fine-grained filters on analysis, app and component level

Analyze only what matters, with context



## PREREQUISITES

- › Editions: Advanced + Enterprise
- › Products: ARIS Process Mining

## DESCRIPTION

- › Fine-grained filters down to the component level enable users to focus only on what matters.
- › The filters can be defined from analysis to component level.
- › Exclude a component from the existing filter for benchmarking or comparison.

## TARGET GROUP

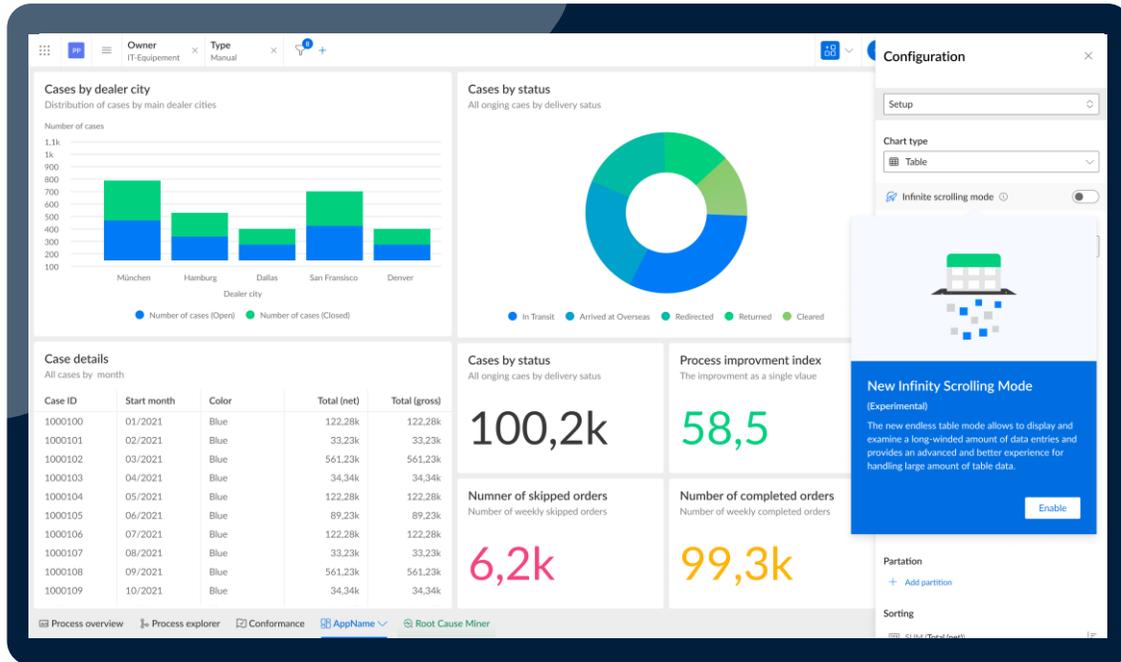
- › Analyst users and viewers.

## BUSINESS VALUE

- › Apps used in process mining can be more context-driven and can provide more valuable and more understandable insights.

# Infinity scrolling mode for Table component

No more hassles when analyzing larger data sets



## PREREQUISITES

- › Editions: All
- › Products: ARIS Process Mining

## DESCRIPTION

- › Enable larger data sets to be a part of the analysis by removing the limit to 10,000 rows.
- › Choose Infinity scrolling mode on demand.
- › Sort based on full data instead of just the loaded rows.

## TARGET GROUP

- › Analysts and process owners.

## BUSINESS VALUE

- › Gain deeper insights by examining complete data sets without a limit.

# Micro charts and more...

Micro charts is now possible in ARIS Dashboarding



## PREREQUISITES

- › Editions: Enterprise
- › Products: ARIS BPA and Viewer Pro

## DESCRIPTION

- › Micro charts are now possible in ARIS Dashboarding for Line, Area and Column types.
- › Solid gauge chart and Bullet graph are available as additional visualizations
- › The charts now show meaningful outcomes even in the tiniest sizes.

## TARGET GROUP

- › ARIS users / process owners using the ARIS Portal

## BUSINESS VALUE

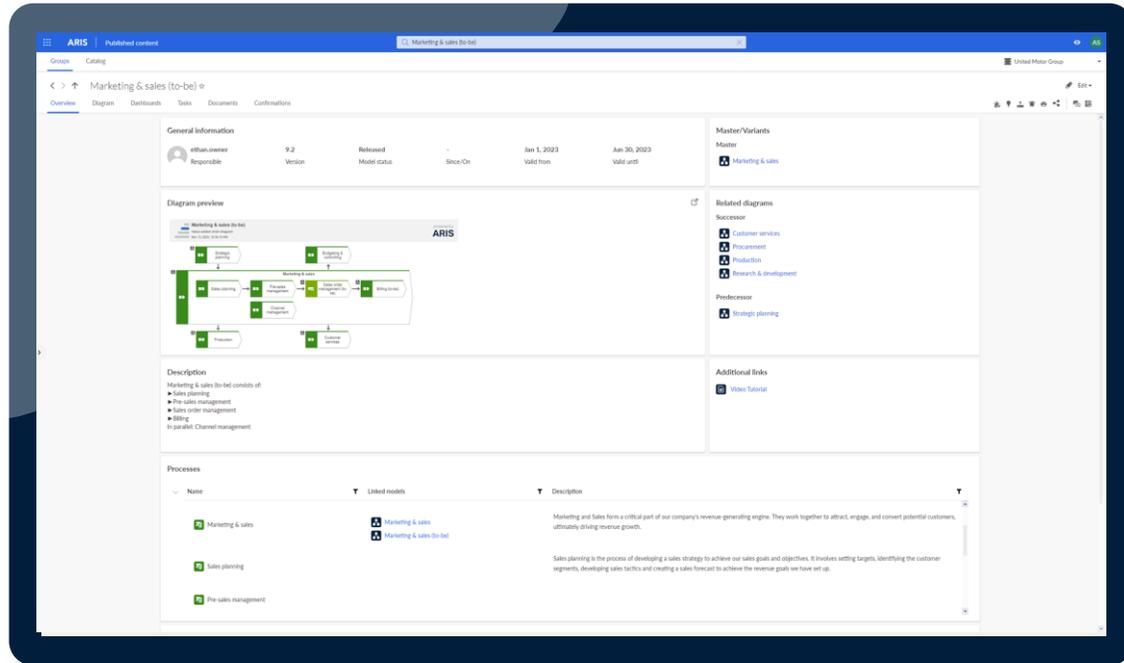
- › Users will never miss an observation no matter the size of the visualizations.

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# **Business Design & Strategy Rollout & Change Management**

# Redesigned content overviews

A modern communication & navigation system for your entire business



## PREREQUISITES

- › Editions: ARIS Enterprise
- › Products: ARIS Viewer/Viewer Pro/Designer/Admin
- › Other: use the new ARIS 10.0 SR22 Classic configuration set as base for your published content

## DESCRIPTION

- › Redesign of all content overviews formerly known as overview factsheets, providing modernized content overviews with a fresh look and revised navigation patterns.

## TARGET GROUP

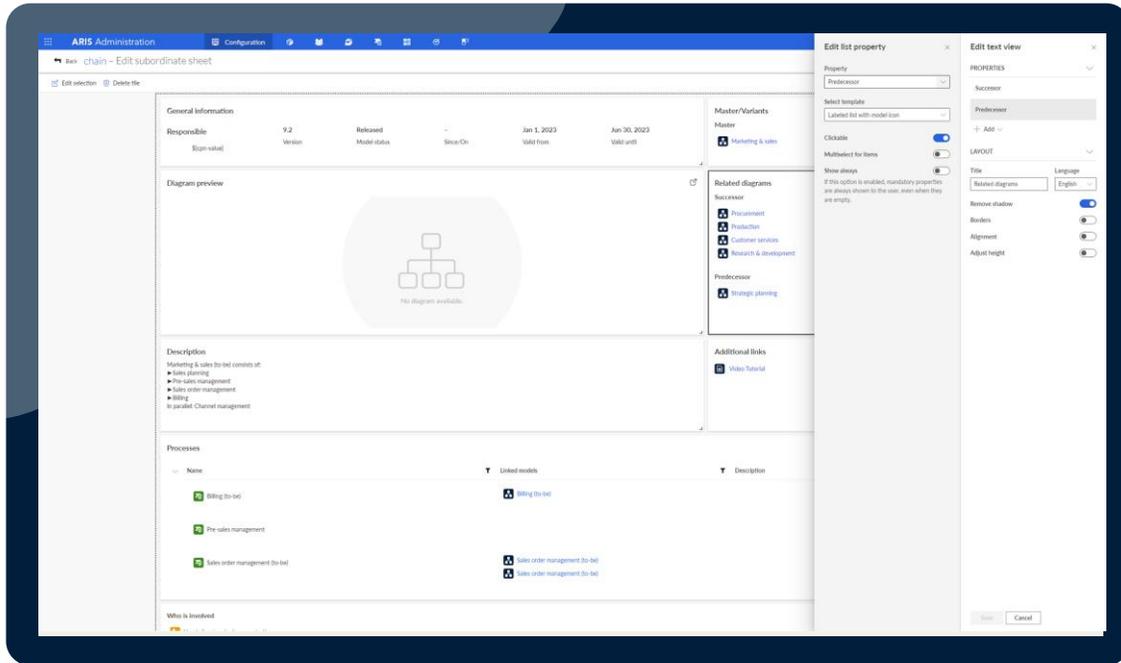
- › All (potential) consumers of the (Enterprise) Management System and all employees looking for business or IT related ways of working.

## BUSINESS VALUE

- › See more relevant contents at a glance.
- › Modern design and improved UX patterns.

# WYSIWYG editor to adapt content overviews

Adapt content overviews with a drag'n drop editor



## PREREQUISITES

- › Editions: ARIS Enterprise
- › Products: any user license accessing the web environment
- › Other: function privilege "Portal Administrator"

## DESCRIPTION

- › A drag & drop editor allows adaptation of the new and redesigned content overviews.
- › Portal administrators can use the new default as a template and adjust the pre-configured content overviews in a visual WYSIWYG manner.

## TARGET GROUP

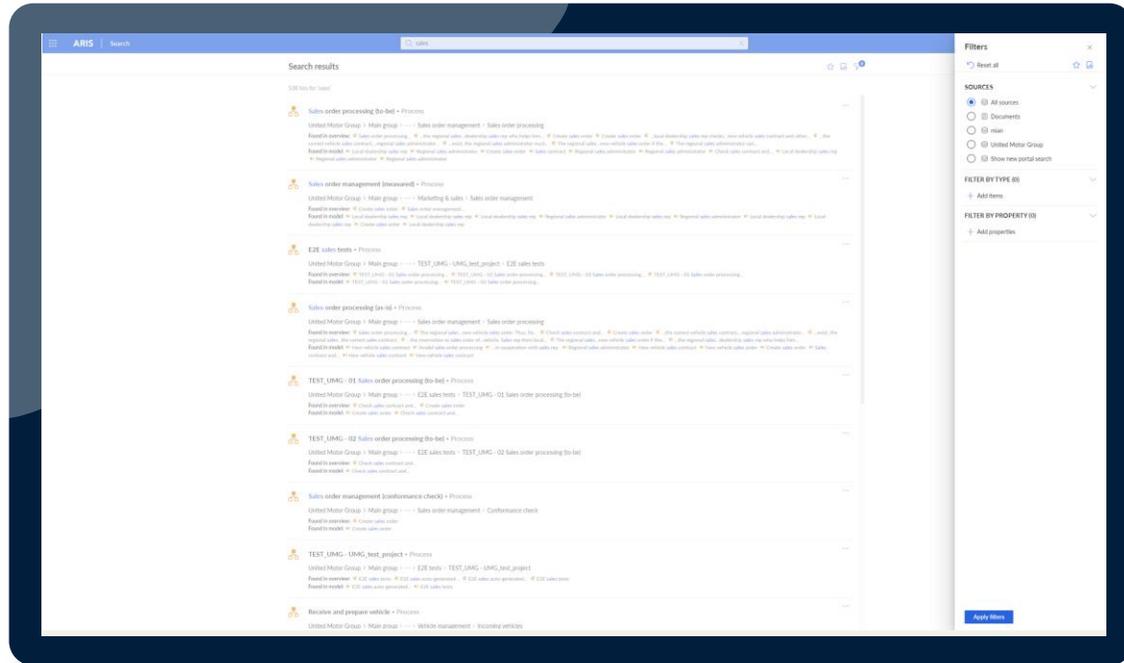
- › All content creators and portal administrators who decide what and how contents are rolled out to the employees and consumers.

## BUSINESS VALUE

- › Easier to adapt to business changes and enable process owners to publish their contents.
- › Reduces complexity, customizations and total cost of ownership, while delivering improved usability.

# Redesigned search experience for all content consumers

Search all published contents



## PREREQUISITES

- › Editions: ARIS Enterprise
- › Products: ARIS Viewer/Viewer Pro/Designer/Admin
- › Other: Read access on published databases

## DESCRIPTION

- › All content consumers have a new search interface which finds any relevant content in all published sources, including the documents they can access.
- › Eliminate the need to interpret why something was found and what it is.

## TARGET GROUP

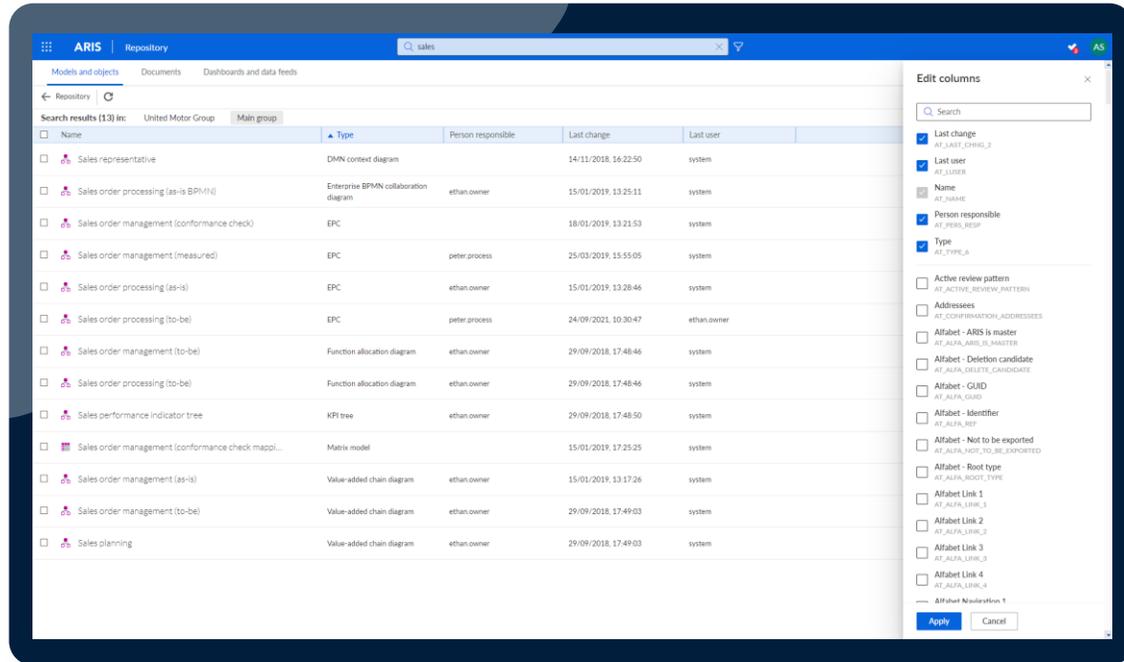
- › All employees and content consumers.

## BUSINESS VALUE

- › More intuitive search capabilities focused on the needs of content consumers.

# Sorting search results in the ARIS Repository

Easily maintain ARIS content



## PREREQUISITES

- › Editions: Advanced, Enterprise
- › Products: Server/Ent. Server, Designer/Admin
- › Other: Read access on databases

## DESCRIPTION

- › Sort search results in the ARIS Repository.
- › Add, remove and reorder columns for sorting to retrieve relevant content and easily maintain your ARIS Repository.

## TARGET GROUP

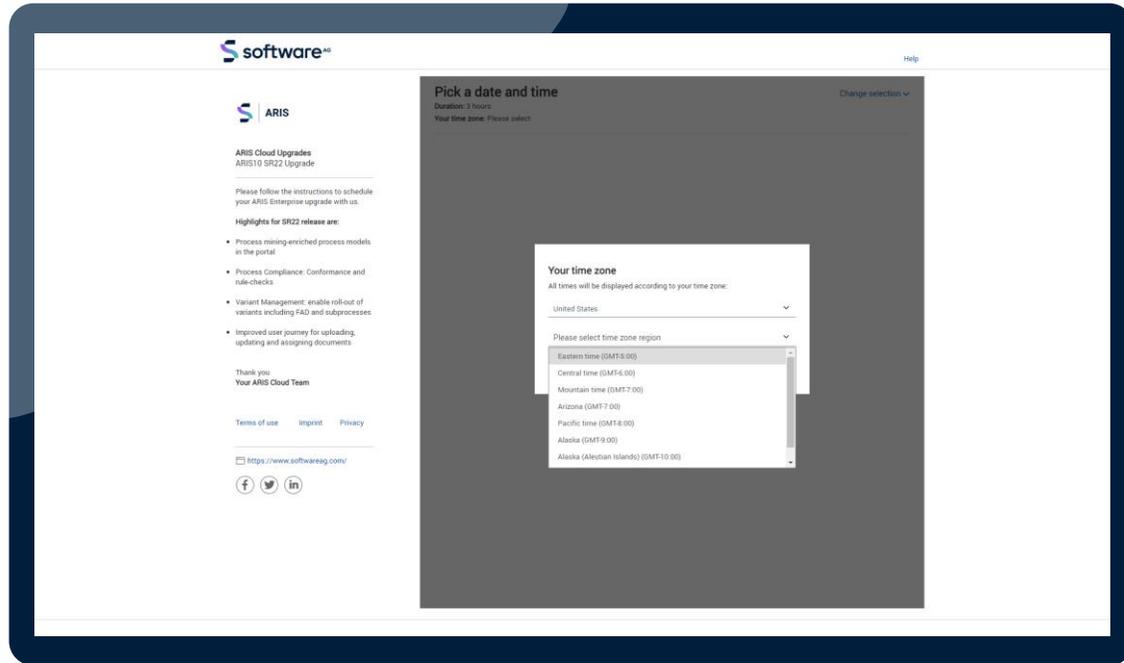
- › Business architects, process designers
- › CoE for transformation.

## BUSINESS VALUE

- › Quickly discover, evaluate and edit ARIS content.

# Schedule upgrades

New ARIS features are just one click away



## PREREQUISITES

- › Editions: ARIS Enterprise
- › Products: Server/Ent. Server
- › Other: Requires functional privilege "server administrator"

## DESCRIPTION

- › Customers can now easily schedule upgrades for their environment to get the latest and greatest ARIS features.
- › Application owners can check for available slots and chose the one that fits best.

## TARGET GROUP

- › ARIS administrators, application owners.

## BUSINESS VALUE

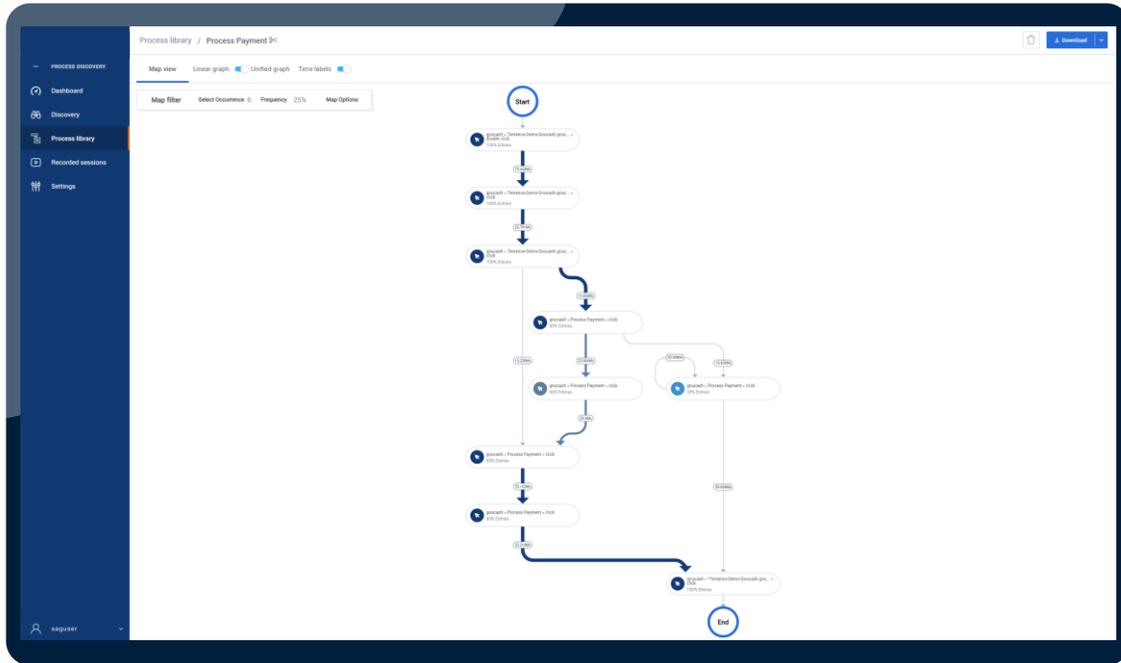
- › Simplified and instantaneous scheduling without the back and forth of negotiating a suitable schedule.

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# Automation & Connectivity

# Performance enhancements for ARIS Task Mining and RPA

New API and better performance for your bots



## PREREQUISITES

- › Editions: All
- › Products: ARIS Robotic Process Discovery (RPD) & ARIS Robotic Process Automation (RPA)
- › Other: Powered by Nintex

## DESCRIPTION

- › A deployment of Process Discovery can now support 300 simultaneous bots with a total of 5,000 user actions in an 8-hour span.
- › RPA includes a new API as well as an increased number of bots that can be maintained by one RPA server.

## TARGET GROUP

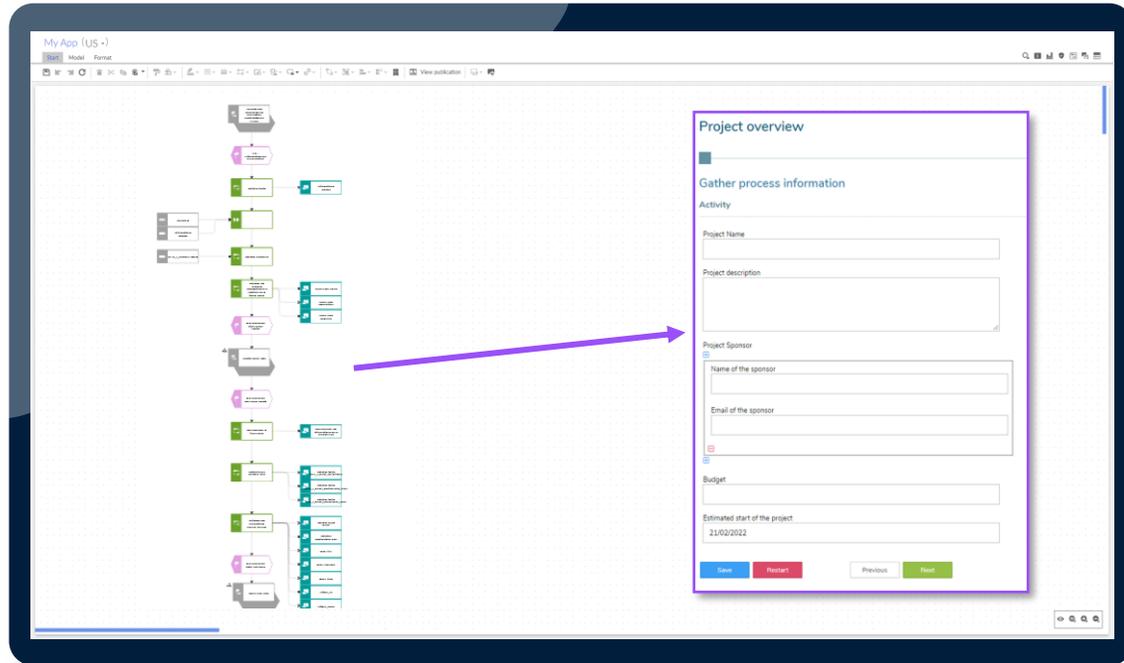
- › ARIS Robotic Process Discovery (RPD) & ARIS Robotic Process Automation (RPA) users.
- › Automation architects, process owners, project mgmt.

## BUSINESS VALUE

- › Better productivity and load consumption.
- › Increased security features.
- › New RPA API.

# Enhancements for ARIS App Generator

Onboard new process domains with a simple click



## PREREQUISITES

- › Editions: Enterprise
- › Products: ARIS App Generator
- › Other: ARIS BPA on-prem and ARIS Enterprise Server
- › **Delivered and sold by Software AG partner (imendos)**

## DESCRIPTION

- › Enhanced technical documentation and an installer that simplifies installation of the App Generator to an existing ARIS Enterprise on-prem installation.
- › Improvements of managing Excel tasks, especially formula calculation, multi-files management and writing to a template.

## TARGET GROUP

- › ARIS users that like to create form-based apps.

## BUSINESS VALUE

- › Build your own app in ARIS using self defined forms.
- › Reuse existing ARIS objects or create new ones to create documents and model-objects.

# Increased number of result items for ARIS REST API

Access more content with a single API call

```
{
  "kind": "OBJECT",
  "guid": "009026c9-8476-11e1-7ef4-0022fbbdc0a",
  "link": {
    "kind": "LINK",
    "method": "GET",
    "href": "http://[redacted]/abs/api/objects/United%20Motor%20Group/009026c9-8476-11e1-7ef4-0022fbbdc0a?language=en_US&methodfilter=dd838074-ac29-11d4-85b8-0005a4053ff&methodlanguage=en_US",
    "rel": "SELF"
  },
  "typename": "Function",
  "type": 22,
  "default_symbol": 284,
  "apiname": "OT_FUNC",
  "attributes": [
    {
      "kind": "ATTRIBUTE",
      "id": "-6MRKtwzW4q1:p:L=1=1033:1:s",
      "typename": "Name",
      "type": 1,
      "apiname": "AT_NAME",
      "language": "en_US",
      "value": "Perform three-way match (standardized)"
    }
  ]
}
```

## PREREQUISITES

- › Editions: ARIS Enterprise
- › Products: Ext. 3<sup>rd</sup> Party Integration / ARIS user
- › Other: User accessing ARIS content with other apps

## DESCRIPTION

- › For databases containing numerous models and objects, the number of items of an API access is no longer limited to 5,000.
- › Maximum number of model items was increased to 10,000, page size 1,000.
- › Maximum number of object items was increased to 100,000, page size to 10,000.

## TARGET GROUP

- › Customers accessing or exchanging lots of content between ARIS and other systems.

## BUSINESS VALUE

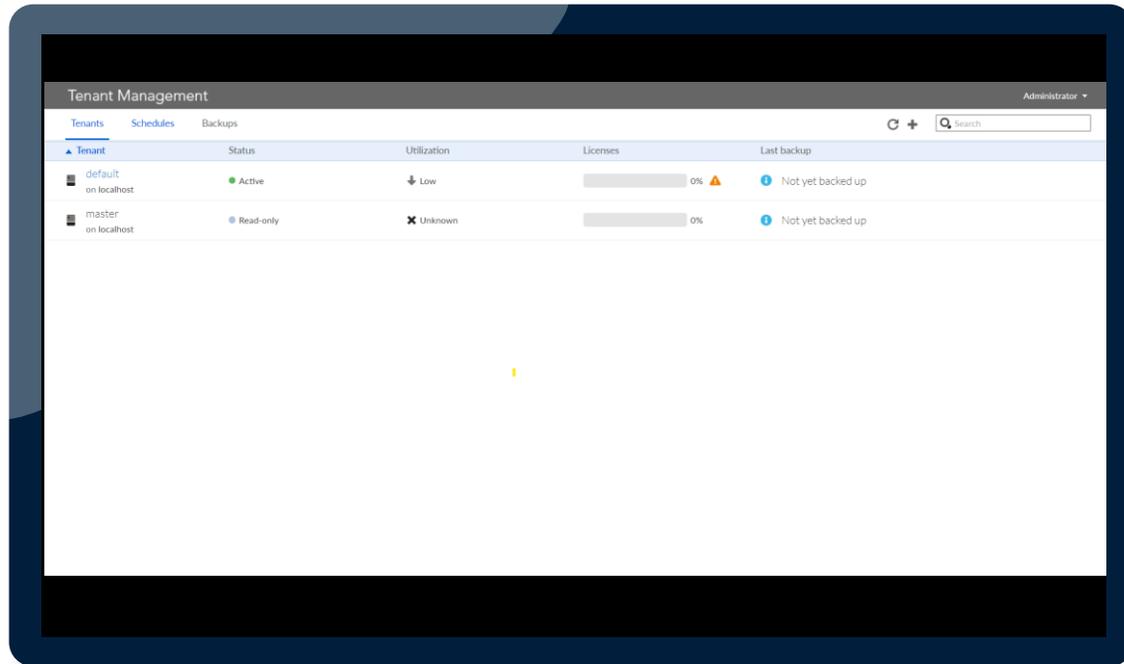
- › Simplified access to, and exchange of, ARIS content.

ARIS 10.0 SR22

# Risk & Compliance

# Multi-tenancy for Risk and Compliance and Rollout add-on

Reduced effort / TCO



Tenant	Status	Utilization	Licenses	Last backup
default on localhost	Active	Low	0%	Not yet backed up
master on localhost	Read-only	Unknown	0%	Not yet backed up

## PREREQUISITES

- › Editions: ARIS Enterprise
- › Products: Ext. Risk and Compliance, Rollout add-on

## DESCRIPTION

- › ARIS Ext. Risk and Compliance now supports multi-tenant installations. This is also true for confirmation management within the Rollout add-on.
- › Any customizing in the Risk and Compliance extension is applied to all available ARIS tenants.

## TARGET GROUP

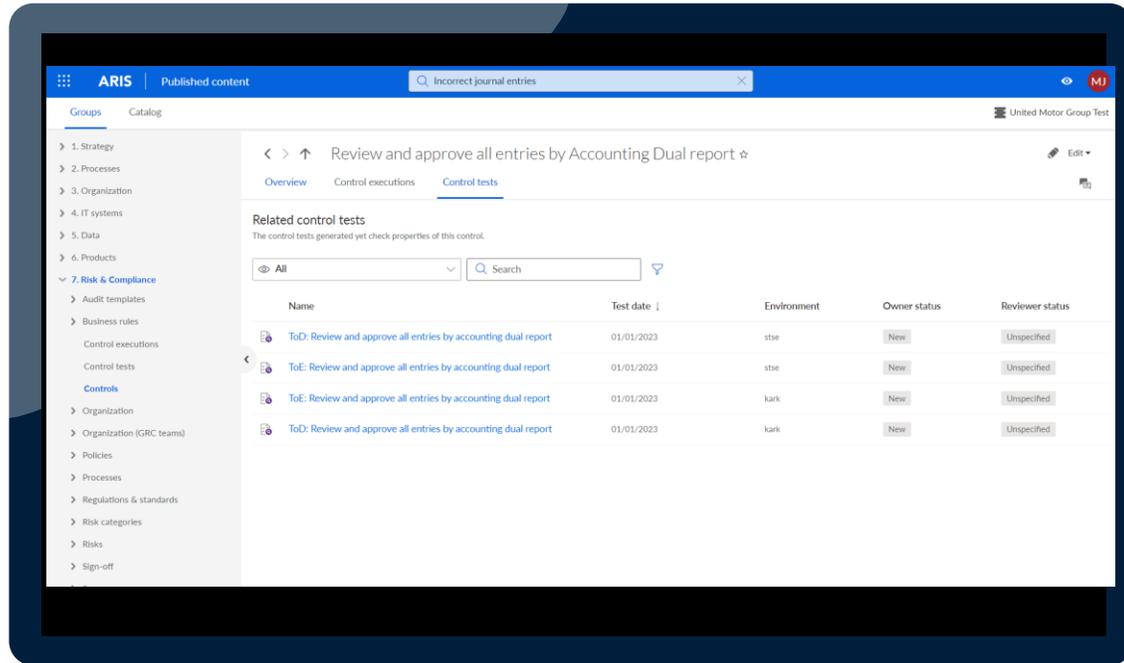
- › Administrators.
- › Customers / consulting companies running their own installations.

## BUSINESS VALUE

- › Lower TCO, less administration effort as one single installation can support multiple tenants.

# Risk and Compliance workflow-object lists in portal items

Shorter click-paths and improved user journeys



## PREREQUISITES

- › Editions: ARIS Enterprise
- › Products: Ext. Risk and Compliance
- › Other: Specific GRC related manager or auditor role

## DESCRIPTION

- › New tabs for Risk and Compliance relevant objects
  - › Risk
  - › Control
  - › Control execution definition
  - › Control test definition
  - › Policy
  - › Technical term
  - › Regulation
  - › Requirement
  - › Compliance ass. definition
  - › Survey scheduler

showing a list of related workflow objects.

## TARGET GROUP

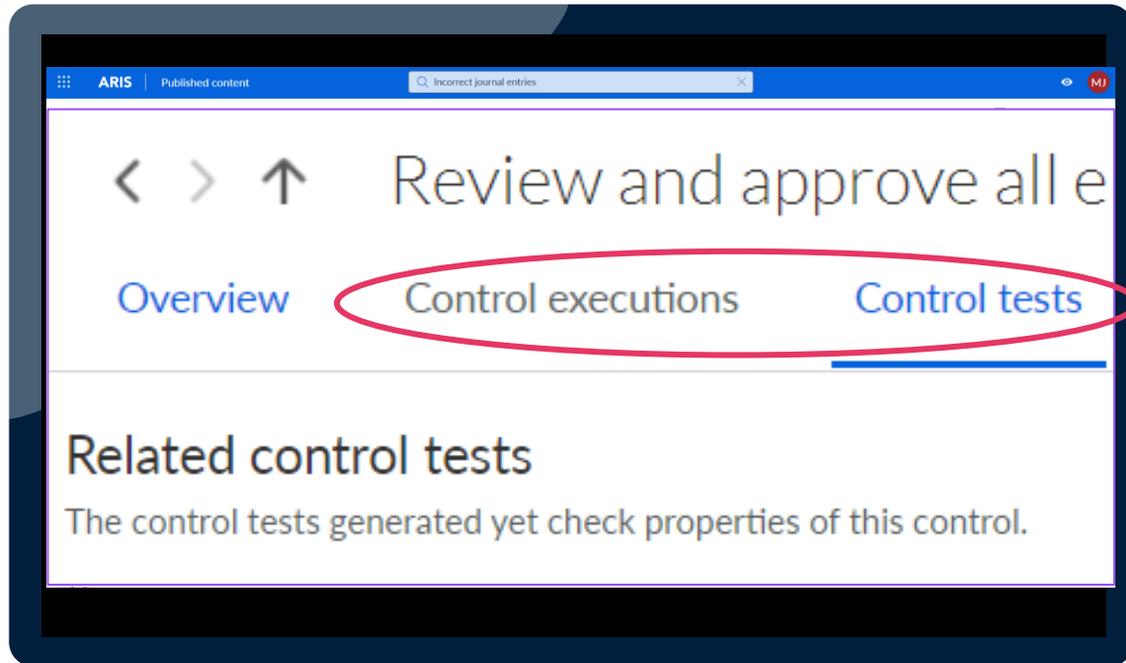
- › ARIS user serving the role of specific GRC manager or auditor.

## BUSINESS VALUE

- › Improved user journey.
- › All relevant information one click away.

# Risk and Compliance workflow-object lists in portal items

Shorter click-paths and improved user journeys



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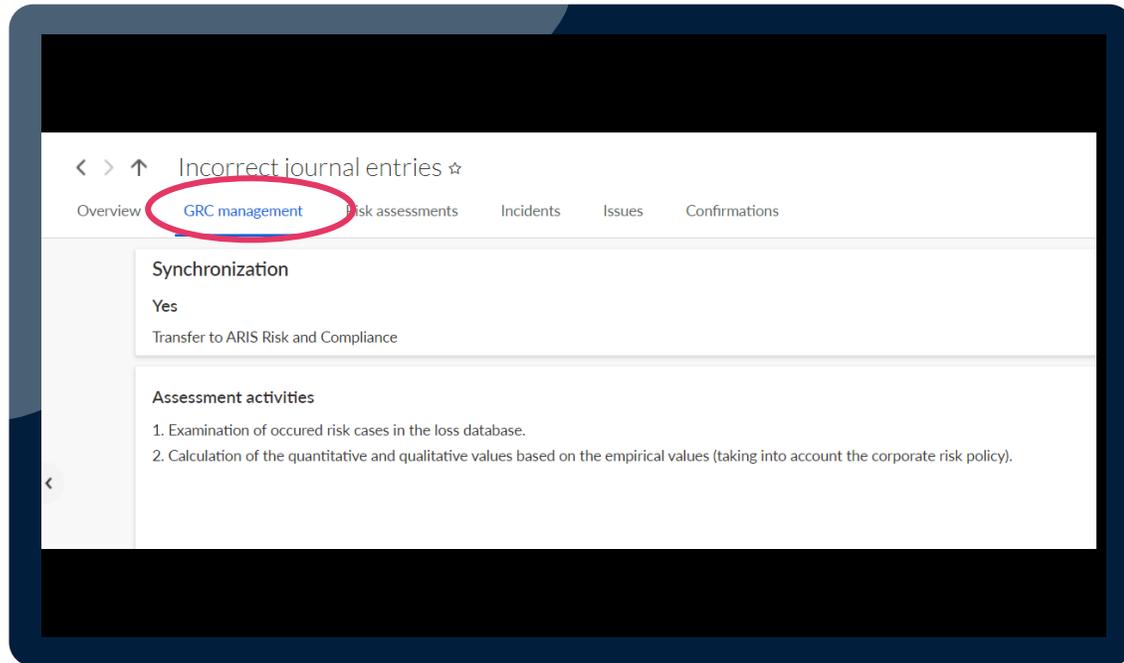
- › ARIS user serving the role of specific GRC manager or auditor.

## BUSINESS VALUE

- › Improved user journey.
- › All relevant information one click away.

# Redesigned factsheets for GRC items, e.g., 'Risk' and 'Policy'

Clearer and more structured information



## PREREQUISITES

- › Editions: ARIS Enterprise
- › Products: Ext. Risk and Compliance

## DESCRIPTION

- › Information used for configuration of workflow generation in ARIS Risk and Compliance (such as assigned roles, start date, end date, time limits for execution, etc.) is now separated and accessible in a tab called "GRC management".

## TARGET GROUP

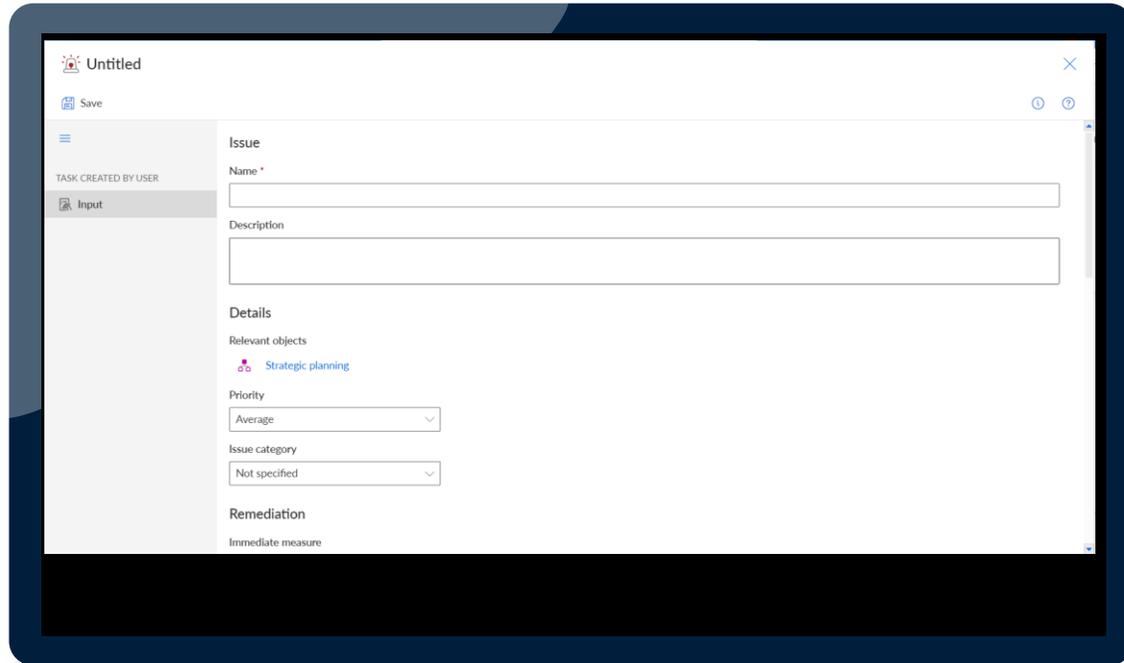
- › Customers using ARIS Extension Risk and Compliance.

## BUSINESS VALUE

- › Simplified UI.
- › User group-specific access to information.

# Integration of issue handling into ARIS portal

Improved UI and user journey



The screenshot shows a web browser window titled "Untitled" displaying an issue management form. The form is organized into several sections: "Issue" with fields for "Name" and "Description"; "Details" with a "Relevant objects" section showing "Strategic planning"; "Priority" with a dropdown menu set to "Average"; "Issue category" with a dropdown menu set to "Not specified"; and "Remediation" with a field for "Immediate measure". A sidebar on the left contains a "Save" button and a "TASK CREATED BY USER" section with an "Input" field.

## PREREQUISITES

- › Editions: ARIS Enterprise
- › Products: Ext. Risk and Compliance, Rollout add-on
- › Other: Specific GRC related roles

## DESCRIPTION

- › Creation and maintenance of issues is now fully integrated into the ARIS portal:
  - › The issue form is displayed as a native dialog in the portal.
  - › New "Issues" tab is available on all factsheets for Issue Managers and Issue Auditors.
  - › A new list "My issues" is available at the "Quick access" area of the application launcher for all users. The list shows all issues where the user has any of the available workflow roles (creator, owner, reviewer).

## TARGET GROUP

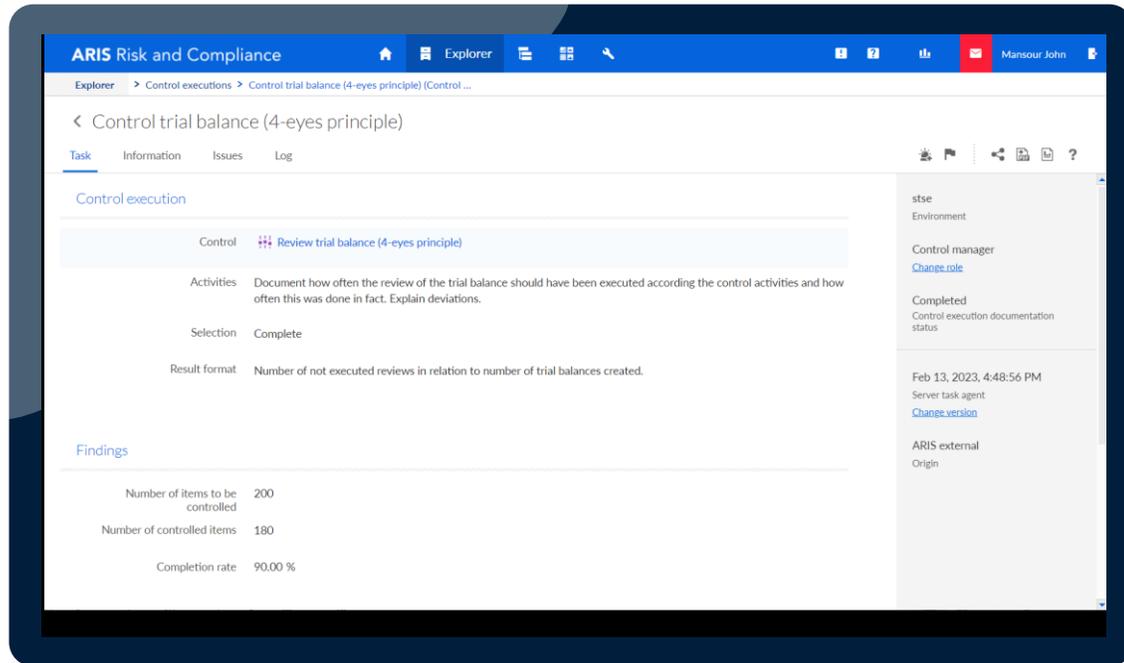
- › Customers using Extension Risk and Compliance.
- › Customers using Rollout add-on.

## BUSINESS VALUE

- › Simplified and streamlined (one look and feel) UI.
- › User group-specific access to information.

# Documentation of control executions via REST API

Improved integration to external systems



## PREREQUISITES

- › Editions: ARIS Enterprise
- › Products: Ext. Risk and Compliance

## DESCRIPTION

- › Documentation of control executions can come from external IT systems and does not require human interaction.
- › To support this, an API-based import is offered to automatically provide information to ARIS Extension Risk and Compliance.

## TARGET GROUP

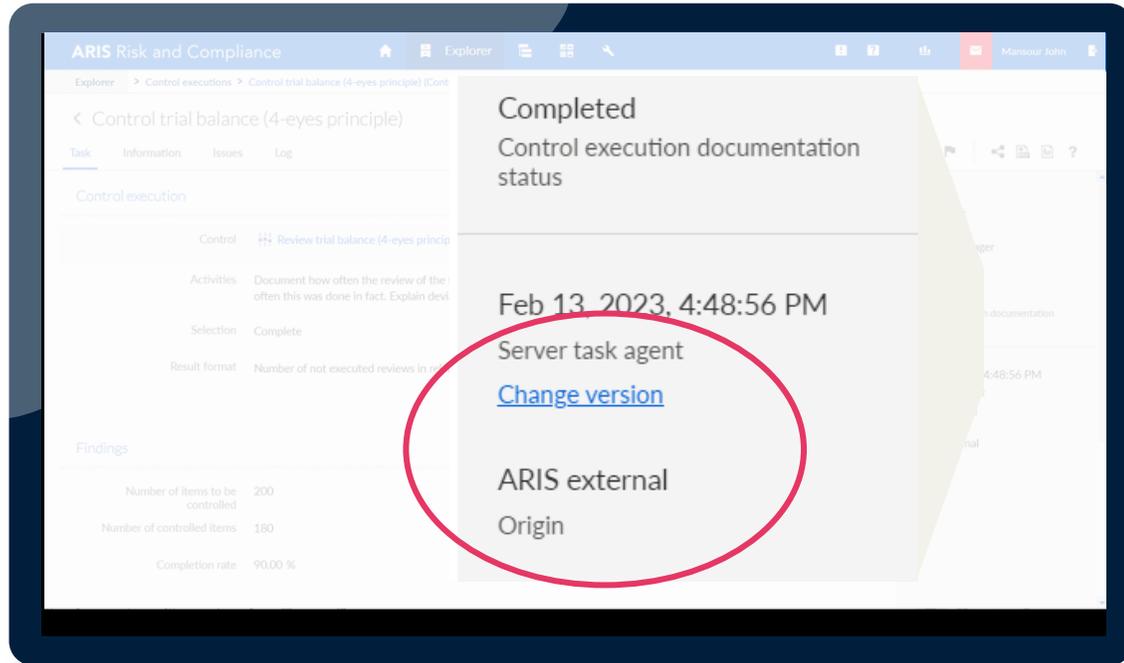
- › Customers that want to have control executions automatically documented within the system.

## BUSINESS VALUE

- › Automated documentation of results coming from external applications saves efforts (less people) and can cover 100% control executions instead of smaller sample sizes when documented by people.

# Documentation of control executions via REST API

Improved integration to external systems



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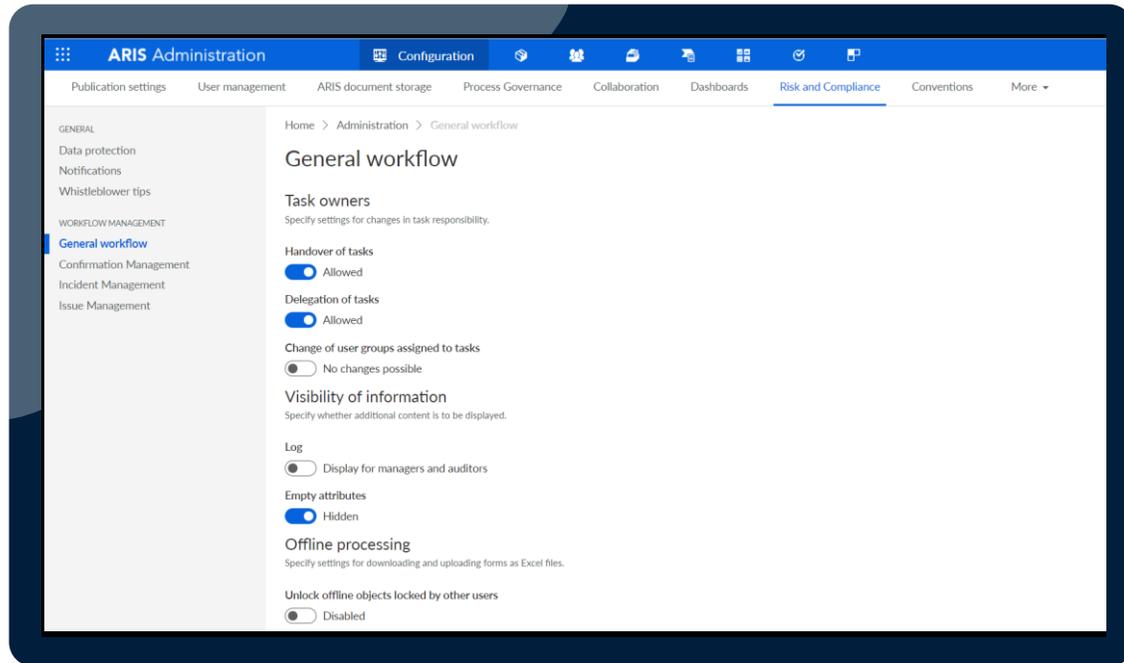
- › Customers that want to have control executions automatically documented within the system.

## BUSINESS VALUE

- › Automated documentation of results coming from external applications saves efforts (less people) and can cover 100% control executions instead of smaller sample sizes when documented by people.

# Configuration via administration

Streamlined UI



## PREREQUISITES

- › Editions: ARIS Enterprise
- › Products: Ext. Risk and Compliance, Rollout add-on

## DESCRIPTION

- › Configuration of general settings such as notifications, and settings for anonymization, are available on a specific tab in the administration.
- › Configuration of general workflow settings and for specific workflows such as confirmation management can be edited in administration.

## TARGET GROUP

- › Administrator for risk and compliance management.
- › Administrator for confirmation management.

## BUSINESS VALUE

- › Simplified and streamlined UI.
- › Ease of use.

# Smaller improvements

Make work easier

## DESCRIPTION

Restricted “Transfer risk and compliance data” report:

- This report is now only executable on corresponding objects and models. Thus, the report execution will lead to better results and fewer errors.

Rework of mandatory attributes of ‘loss’ and ‘control execution’ object:

- Attributes not necessary for all specific use cases in these workflows were set to optional

Improved reviewer notifications for control test reviewer:

- Notifications independent of the control test result

Smaller form and wording adjustments to improve consistency and understandability

## BUSINESS VALUE

- › Reduced susceptibility to errors caused by trying to start report on not fitting objects.
- › Reduced effort to maintain mandatory information.
- › Notifications that actively provide reviewers with more complete information.
- › Consistent naming that is easier to understand.

## TARGET GROUP

- › Customers using ARIS Extension Risk and Compliance:
  - › Maintaining master data.
  - › Setting up / configuring risk and compliance related schedules.
  - › Executing GRC related tasks.

ARIS 10.0 SR22

# Summary

# ARIS 10.0 SR22

General availability: April 18<sup>th</sup>, 2023



1

## Journey to an Enterprise Management System

The right decisions in challenging times that demand for efficiency and resilience.



2

## Standards at your fingertips

Effective implementation of process improvements on every level of the organization.



3

## Risk and Compliance, enriched & modernized

Keep the license to operate despite the tsunami of regulations, at reasonable cost & complexity.



4

## Technology & administrative user workflows

Operate the Transformation/Enterprise Management System based on a stable and future-proof backbone.

