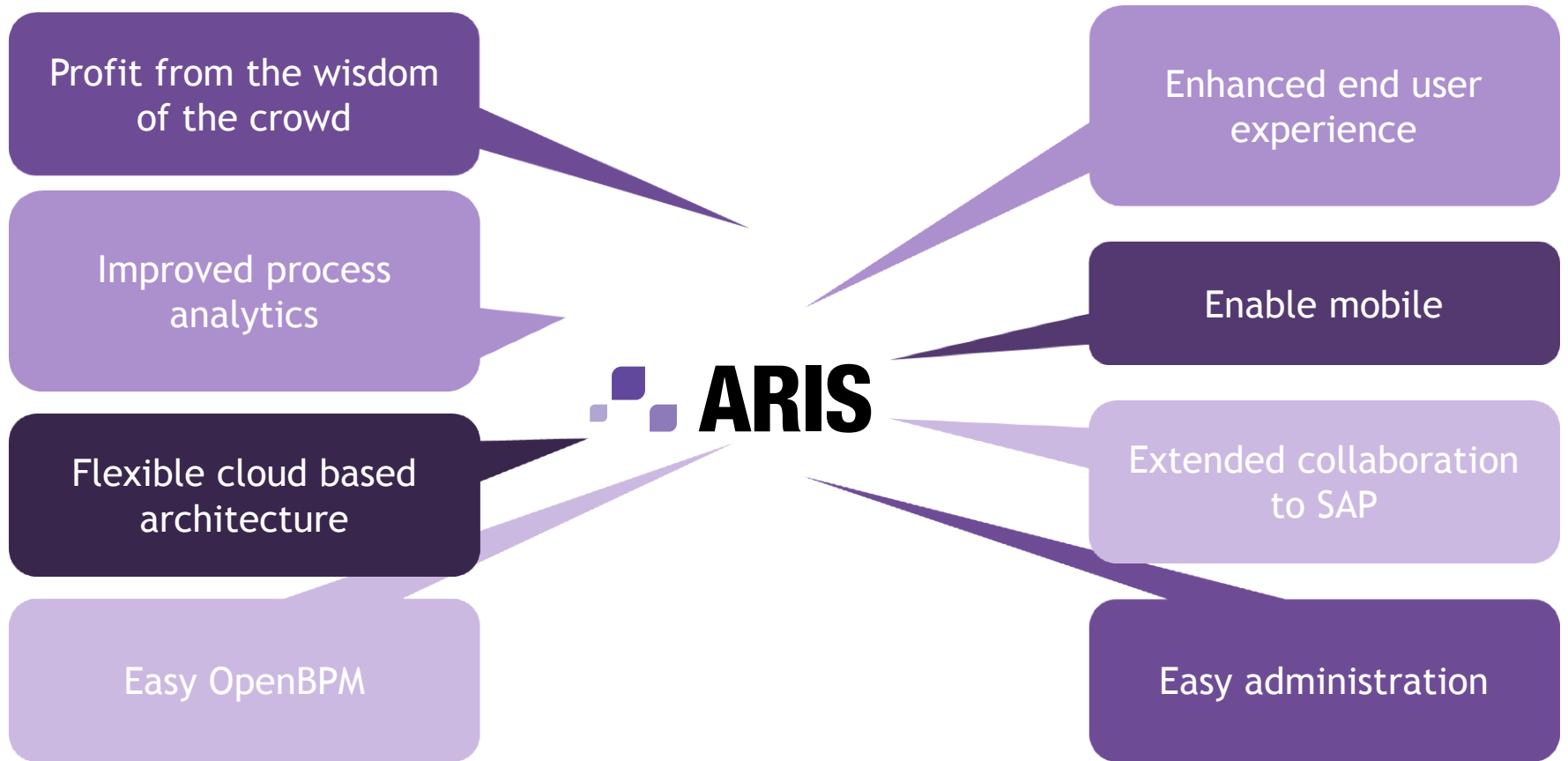


# ARIS 9.7

## Release Update

ARIS Product Marketing and Management  
October 2014

# ARIS 9.7



# What's new in the **9.7.** release of **ARIS**



Business Process Analysis

- Enhanced analytics & statistics
- Easier administration & enhanced document management
- Extended collaboration to SAP
- Improved modeling
- Easy openBPM
- More focused information
- Improved process deployment and governance



- Process Cloud becomes ARIS Cloud
- Polished design and portal view
- Improved document management and administration



Governance, Risk and  
Compliance Management

- Enhanced event processing
- Improved user interface

# New in ARIS Architect & Designer

- See all databases of the tenant and all users/ user groups with any kind of access per database
- Assign quick database access per user and user group


**Easy  
Administration  
& user  
management**

- Enhanced statistics and monitoring reg. user administration, overall usage and documents
- Decisions based on statistics charts monitoring usage

**Enhanced  
statistics**

- Dynamic radial and nested views
- New standard-compliant symbols for BPMN
- Support customer specific adoption of pictogram style symbols

**Views & UI**

- 
- Higher flexibility
  - Lower administration efforts
  - More reliable decisions thanks to statistics charts
  - Better end-user acceptance
  - Has quicker time to value for projects starting on Visio diagrams
  - Improved project and modeling interaction
  - Enables and supports use case driven, role, project-, or business unit relevant categorization of available analysis and queries
  - Better analysis and visualization of information through availability of radial and nested views

# New in ARIS Connect

- Reporting for all users and attribute highlighting
- Configurability of views (role-based, self-service configuration)
- Mobile optimization
- Process flow in table view

**Enhanced and configurable design/UI**

- 1-click design for new models
- Objects' relationships and occurrence information
- Change symbol types
- Show structure formatting
- Tagging enabled
- BPMN import and export

**Extended Capabilities**

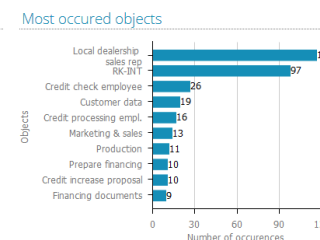
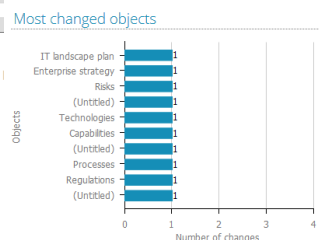
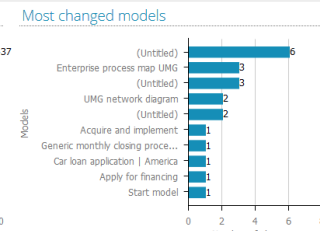
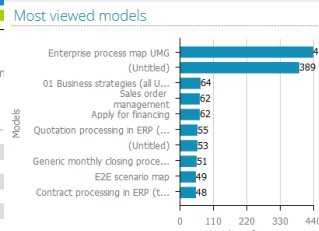
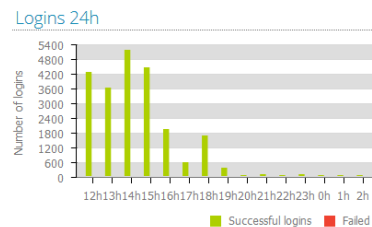
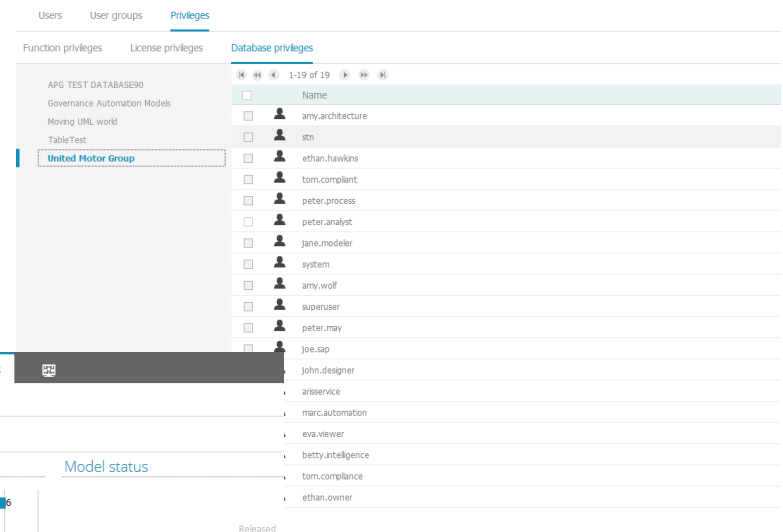
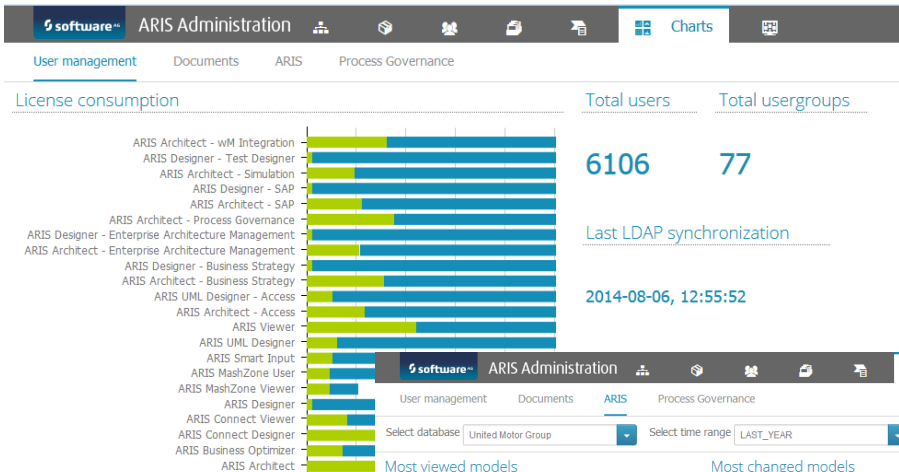
- Upload a document to ARIS Document Storage (ADS)
- Customizable meta data in ADS
- User and usage statistics

**Easy administration and DMS**



- Will offer great new added-value capabilities in the portal
- Will add great missed capabilities to the portal for end users and administrators
- Will have a huge step in modeling client maturity
- Will evolve towards a comprehensive document management
- Will truly become mobile
- Better information focus
- Structured content

# Easy Administration Monitoring Charts & DB Access Management



Increased flexibility

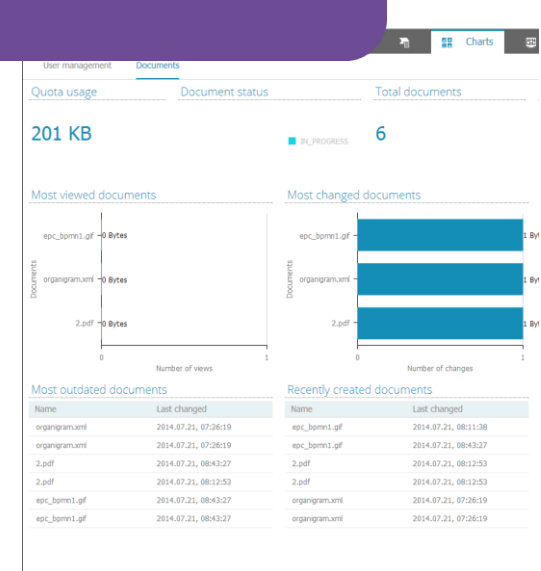
Decrease TCO

# ARIS Document Storage Extended Functionalities

View and assign documents to models

Configure meta data

Document statistics



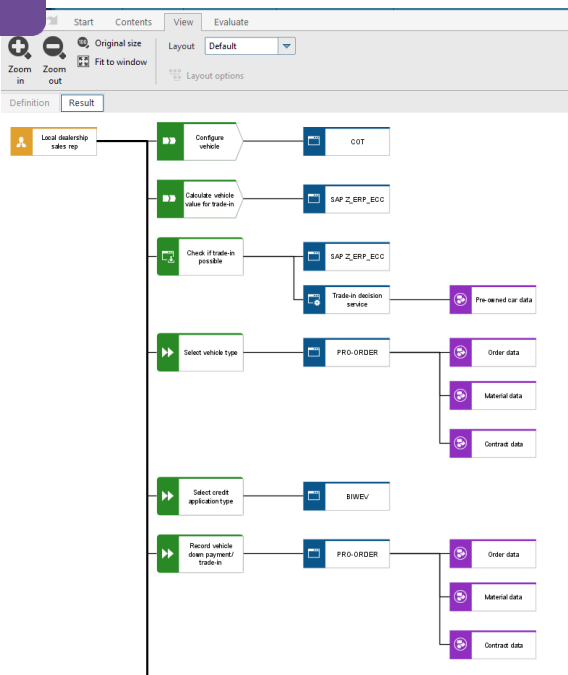
Mini-workflows for documents (e.g. approval)

Increased transparency

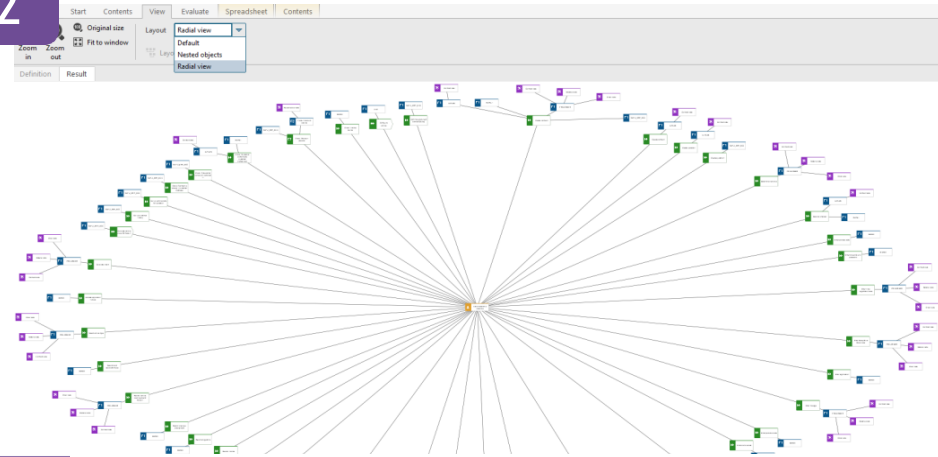
Improved communication

# Enhanced Analytics Different Analysis Results' Display Options

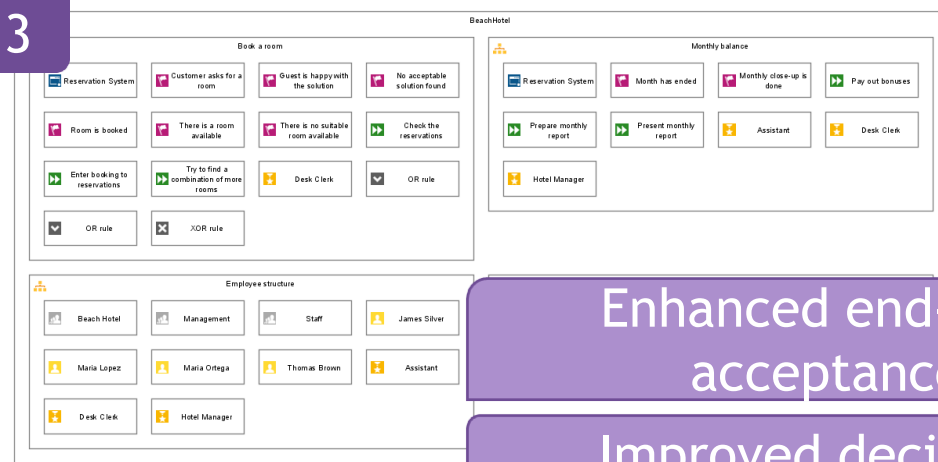
1



2



3



Enhanced end-user acceptance

Improved decisions



# Highlighting in ARIS Connect Emphasis on objects with specific values

software ARIS Connect Portal Administrator System Find

Home Groups

Sales order processing  
Main group > 2. Processes > 2.1 Process architecture > 2.1.1 Core processes > 2.1.1.4a Marketing & sales > 2.1.1.4a.4 Sales order management > Sales order processing

Overview Steps Table RACI Diagram Tasks

The diagram shows a process flow for 'Sales order processing'. Key objects are highlighted with purple boxes:

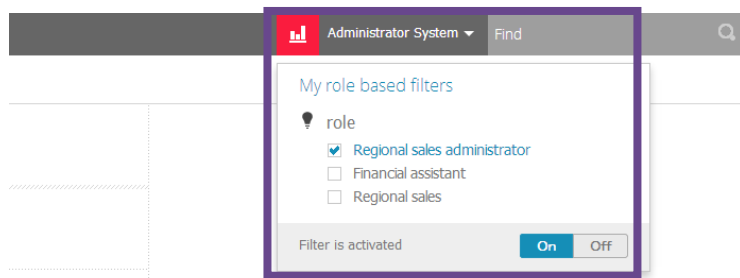
- Local dealership sales rep** (Value: 100)
- PRO-ORDER** (Value: H+)
- Regional sales administrator** (Value: H+)
- Regional sales administrator** and **Local dealership sales rep** (Value: 100)

The 'Highlighting' sidebar is active and shows the following settings:

- Number of employees:** 100 (checked, +1)
- Criticality:** Low (checked, +1)

Better information  
Improved decisions

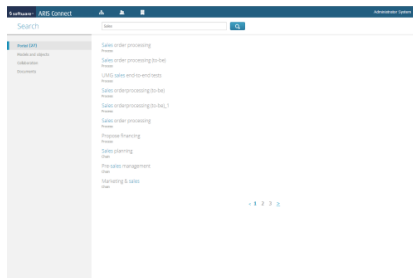
# Display specific information in ARIS Connect Role-based Views and Configurable Factsheets



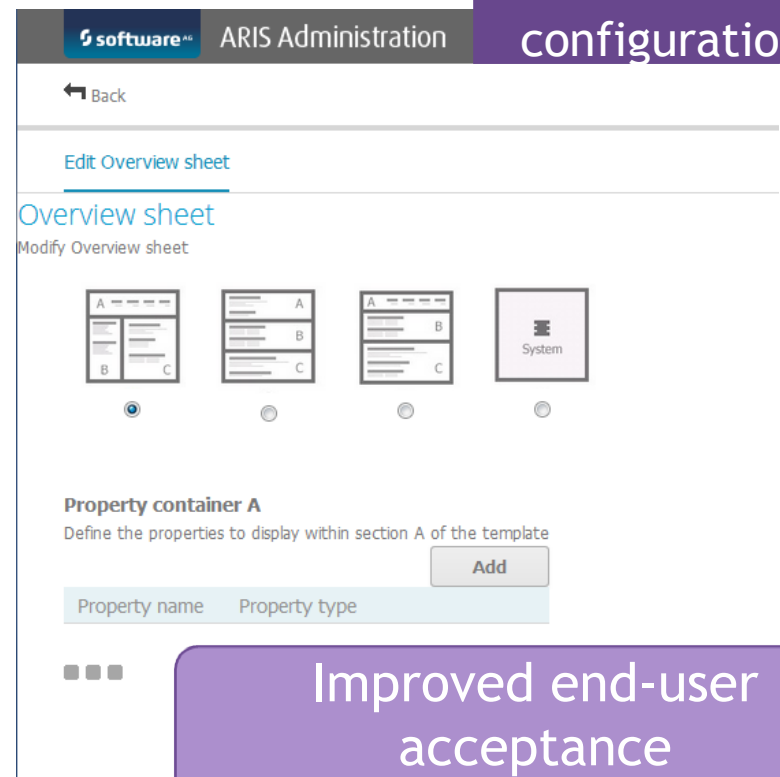
Role-based information



Role-based search results    Role-based filtering



Factsheet configuration

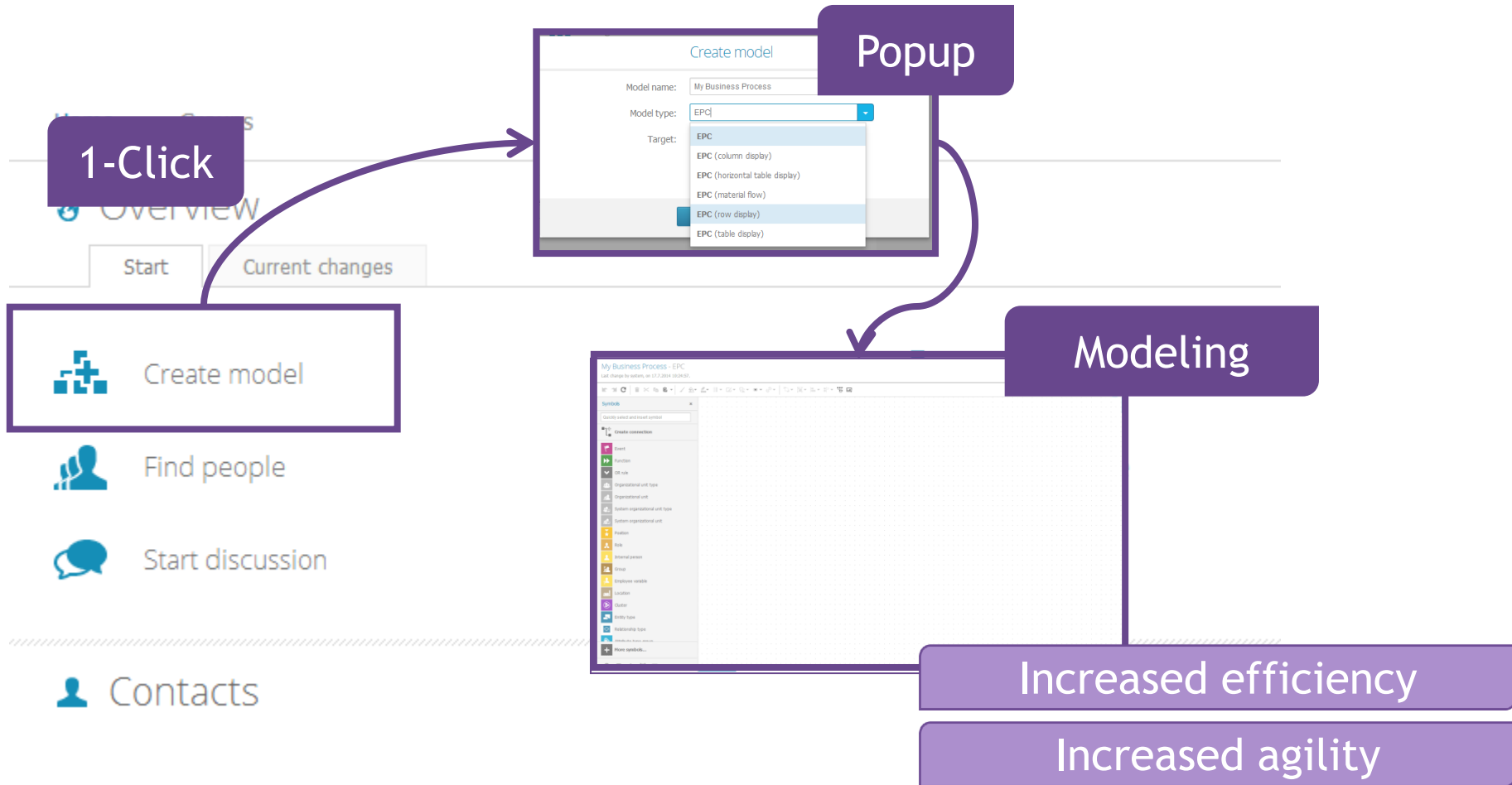


Improved end-user acceptance

Faster decisions

# 1-click design

## Quick Creation of Models in ARIS Connect

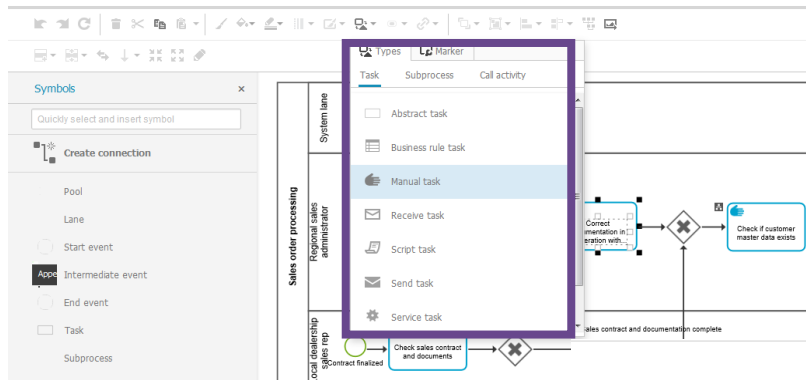


# Improved Modeling In ARIS Connect and in ARIS Architect

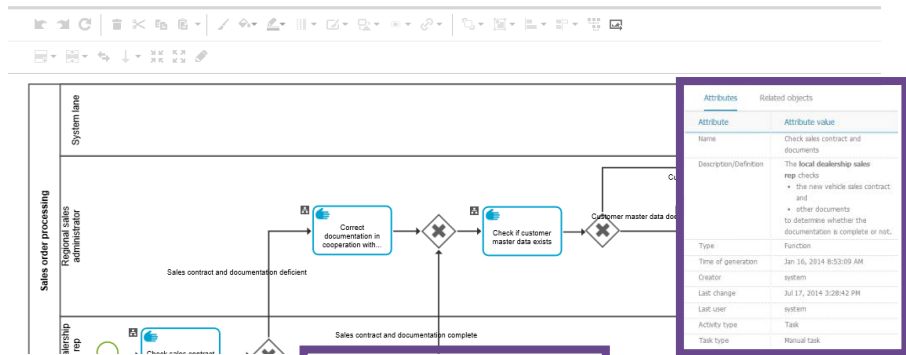
Change symbol types

Attributes formatting

Sales order processing - BPMN collaboration diagram (BPMN 2.0)  
Last change by system, on Donnerstag, 16. Januar 2014 09:18:34 (read-only).

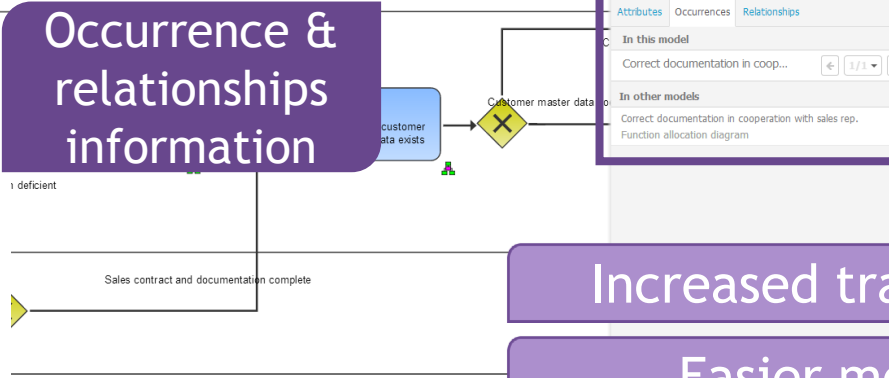
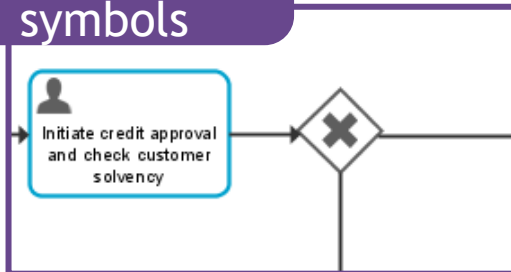


Sales order processing - BPMN collaboration diagram (BPMN 2.0)  
Last change by system, on Donnerstag, 16. Januar 2014 09:18:34 (read-only).



BPMN compliant symbols

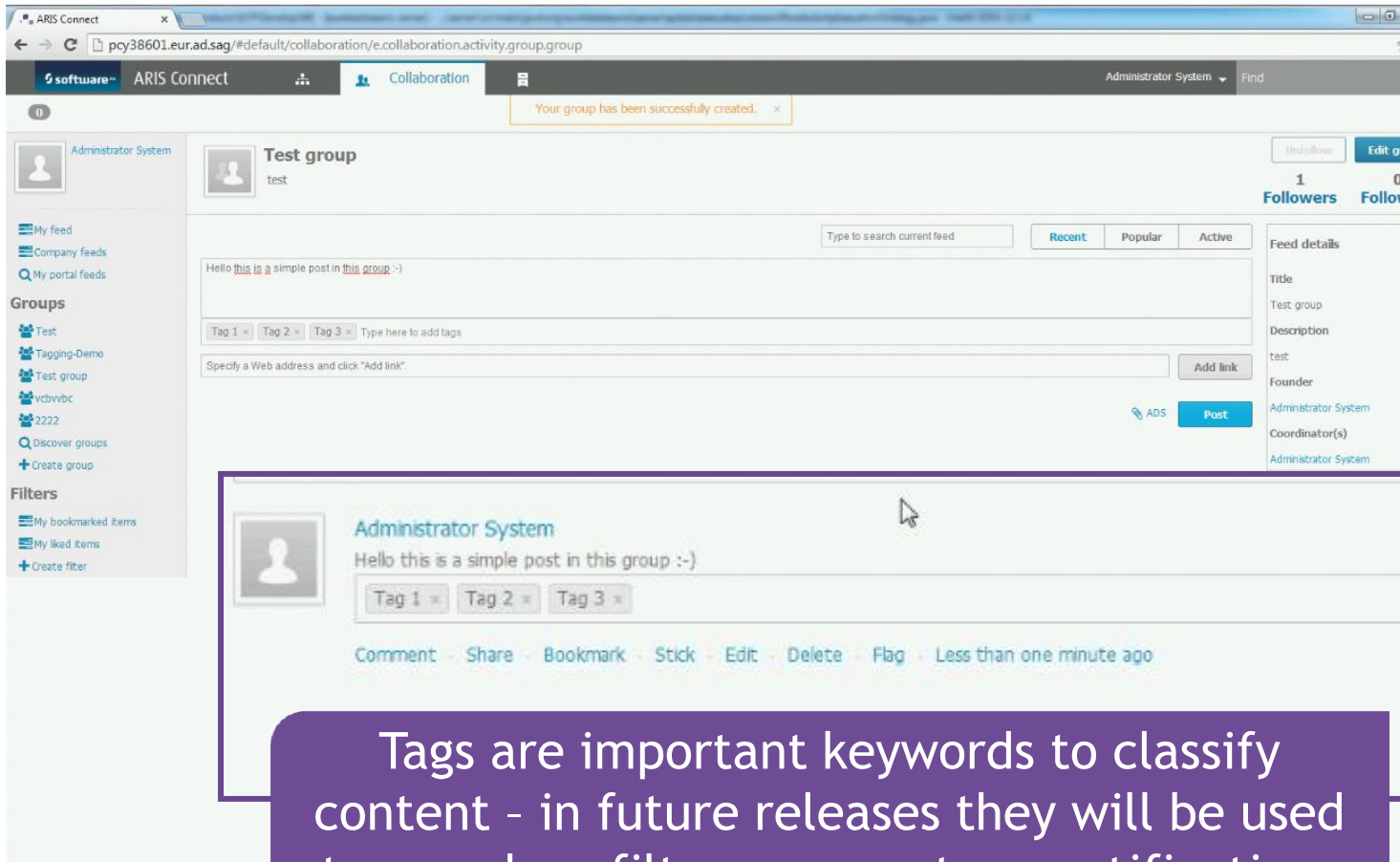
Occurrence & relationships information



Increased transparency

Easier modeling

# Tagging helps to structure content and creates a technical foundation for future features



Tags are important keywords to classify content - in future releases they will be used to search or filter comments or notifications


# New in ARIS for SAP® Solutions

- New view in ARIS Connect - SAP Transaction View
- New view in ARIS Connect - SAP Transaction Factsheet

Collaboration  
in SAP projects

- Easy ARIS connect server administration

Easy  
administration

- 
- Gives process-oriented insights into SAP Transactions in ARIS Connect with navigation links from/to SAP clients
  - Better SAP information around the globe and the clock
  - Help SAP users to understand their pending SAP transactions with process context information in ARIS Connect portal

# Collaboration in SAP projects

## Connect to SAP Solution and collect information

### SAP Transaction View

The screenshot displays the SAP Transaction View interface. On the left, a navigation tree shows the hierarchy: SADI\_TT - Transaction Test > SC1 > PR1\_1. The main area is titled 'SAP Transaction Factsheet' and shows details for transaction 'SE80'. The factsheet includes sections for 'Favorite Transaction', 'Overview', 'Transaction code', and 'Type'. The 'Type' section indicates 'SAP-Transaktion'. On the right, a pane titled 'Activities (Context Information)' shows '4\_F1' and a 'Documents' section with 'Description of F1' and 'Fav Transaction Descr.'. Two callout boxes at the bottom right highlight 'Increased transparency' and 'Increased end-user acceptance'.

# New in ARIS Process Governance

- New Process Board UI
- Multilingual Deployment & Right-to-Left Support
- Web-based Process Administration UI
- Governance Process Execution (role specific execution rights and restrictions)
- Charts and statistics

Improved user experience

- Easier governance interactions
- Improved and new web-based UI (process board and process administration)
- Better communication through multi-lingual support
- Better overview and decisions Shows charts and statistics on overall governance usage
- Reduced governance complexity





# ARIS Process Governance Enhancements

## New Process Board UI

Priority	Name	Assignment date	Due date	Status	Assignee
	Human task test with timestampan L...	07.08.2014 16:31:09	07.08.2014 16:31:13	Overdue	QADept
	Human task test with timestampan L...	07.08.2014 15:25:47	07.08.2014 15:25:52	Overdue	QADept
	Label	08.08.2014 12:17:47		New	QADept
	Manuelle Aufgäbe	07.08.2014 10:52:43		New	QADept
	Human task	08.08.2014 12:20:24		New	QADept
	GetElementsByMail	08.08.2014 12:18:14		New	QADept
	Label	08.08.2014 12:17:34		New	QADept
	Human task	08.08.2014 14:48:42		New	TESTROLE
	Human task	08.08.2014 12:22:27		New	QADept
	WS Lock Document	07.08.2014 14:18:58		New	QADept
	Evaluate new document	08.08.2014 15:55:18		New	system, system
	Label	08.08.2014 12:14:47		New	QADept
	TwoCirclesWorkflow	07.08.2014 10:51:09		New	QADept
	Evaluate new document	08.08.2014 15:27:49		In process	system, system
	Select Documents	08.08.2014 09:35:44		QADept	QADept
	Human task	07.08.2014 13:30:28		New	Process owner
	Evaluate submitted document	08.08.2014 08:30:40		In process	system, system
	Human task	08.08.2014 12:21:16		New	QADept
	Human task	08.08.2014 12:22:18		New	QADept
	Human task	07.08.2014 13:38:49		New	Process owner
	Human task	06.08.2014 14:50:53		New	TESTROLE
	Test field	07.08.2014 13:10:02		New	QADept

## Multilingual Deployment

Attributes:

- EPC
  - System attributes
  - Workflow
  - Model status
  - Period of validity
  - Project management attrib
  - Certification
  - Times
  - Attributes of external syst
  - Benchmarking
  - Change management
  - SAP Solutions attributes
  - Process evaluation
  - System environment

Attribute name	Submit new document (English (Unit...	Neues Dokument hochladen (Ge...
Semantic check successful	Semantic check successful	Semantic check successful
Time of last semantic check		
Automation category		
Process start message	The document has been successfully submitted.	Das Dokument wurde erfolgreich hochgeladen.

## Governance Process Execution

Steps: Help

1. Selection context
2. Application context
  - Without context
  - Define context
    - ARIS Business Architect
    - ARIS Connect
    - ARIS Business publisher
3. User context

Buttons: Back, Next, Cancel, Help

## Web-based Process Administration UI

Process explorer | Human Task Monitoring | Instance Monitoring | Console

2014-08-06 11:45:30 y3473 - Process instance

ID	Name	Status	Type	Start date	End date
6097957-6027-4076-b08a-c10ba13f2f4	Get data fields needed for rev...	COMPLETED	ACTIVITY_WEB_SERVICE	2014-08-06 11:45:34	2014-08-06 11:47:15
#4121609-8186-4979-6709-45802977876	Change model	COMPLETED	ACTIVITY_HUMAN_TASK	2014-08-06 11:47:15	2014-08-06 11:47:15
#4121609-8186-4979-6709-45802977876	Change model/Assignment e...	COMPLETED	INTERMEDIATE_RULE	2014-08-06 11:47:15	2014-08-06 11:47:15
#4238883-3564-4332-ad8a-65c7a3d37f3	Change model/Assignment e...	COMPLETED	ACTIVITY_EMAIL	2014-08-06 11:47:20	2014-08-06 11:47:20
#5038407-3564-4332-ad8a-65c7a3d37f3	Change model/End event of...	COMPLETED	FRSDB	2014-08-06 11:47:24	2014-08-06 11:47:24
#6779445-6187-4467-6256-9101359332	Change model/End event of...	COMPLETED	FRSDB	2014-08-06 11:48:32	2014-08-06 11:48:32
#5183032-6075-4868-8441-72115432619	Change model/End event of...	COMPLETED	FRSDB	2014-08-06 11:48:35	2014-08-06 11:48:35
#4121609-8186-4979-6709-45802977876	Change model/Exception eve...	COMPLETED	INTERMEDIATE_RULE	2014-08-06 11:47:15	2014-08-06 11:47:15
#3368476-3468-4408-9086-d8ee12048ac	Change model/Exception not...	COMPLETED	ACTIVITY_EMAIL	2014-08-06 11:48:19	2014-08-06 11:48:19

Input activities table:

Name	Input variables	Input data	Output data	Type
Change request initiated		value	value	2014-08-06 11:45:31

Increased efficiency

Increased end-user acceptance

# New in Model-to-Execute

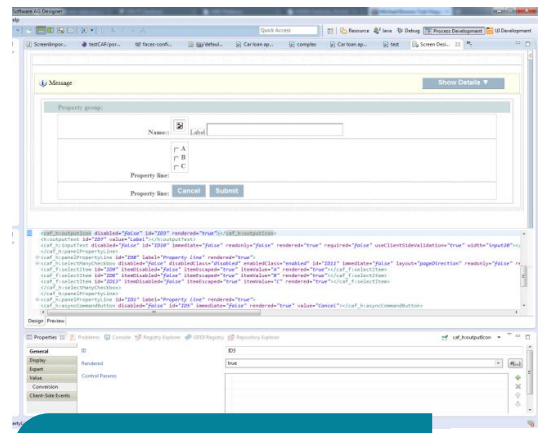
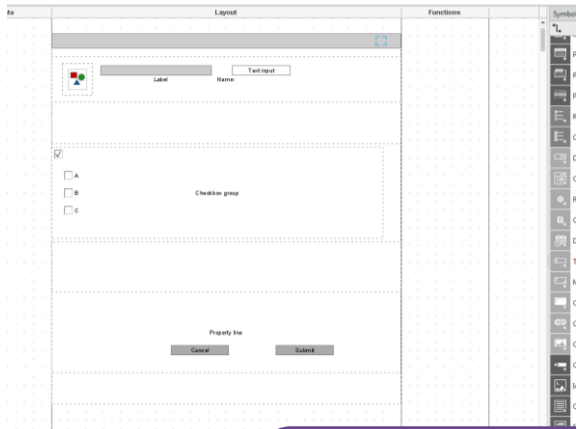
- M2E Solution Design (Report, Consistency checks)
- Asset Sharing

Enhanced Design

- Improved communication
- Seamless information transfer between ARIS Solution Designers and webMethods Process Developers
- Increased efficiency



# Model-to-Execute Enhanced Solution Design & Asset Sharing



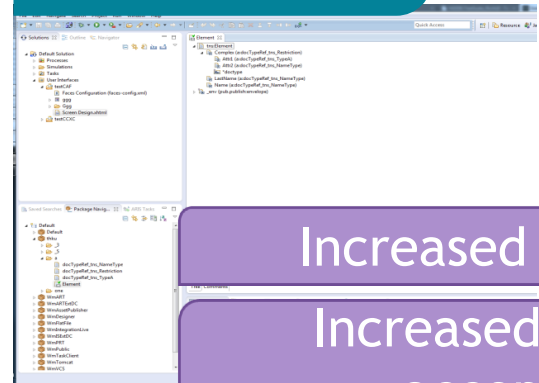
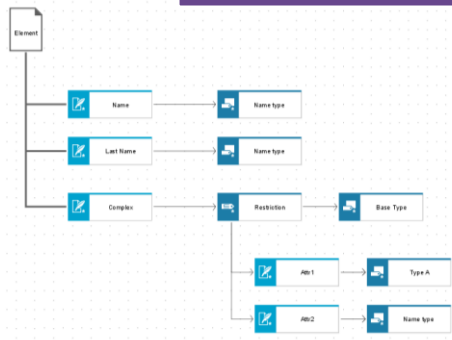
Solution Design Export/Import



Process (UI, documents)  
Design



Process (UI, documents)  
Implementation



Increased efficiency

Increased end-user acceptance

# New in ARIS GRC

- Towards continuous assurance (TCA)/CCM Architecture
- Apama Developer: Create an event-flow per scenario following the test activities described in ARIS


Enable event processing with APAMA

- New GUI for ARIS Risk & Compliance Manager in ARIS 9 style
- New Home area
- New Explorer and Evaluations View
- New administration structure

Standard ARIS user interface

- Standardizing attributes for frequencies (naming and values)
- New review task for Sign-Off Reviewer
- Report allows to export modelled users from ARIS and import them into UMC

Further improvements

- 
- Improved risk and control assurance due to 100 % data coverage
  - Reduced internal audit costs
  - Reduced costs associated with unaddressed control deficiencies
  - Detect exceptions in real-time to enable immediate responses and reduce damage
  - Replace manual controls with automated detective controls
  - Expand internal audit coverage with minimal incremental cost
  - Identify control issues in real-time with automatic alerting and remediation
  - Shorter audit cycles
  - Easier navigation

# ARIS Risk & Compliance Manager New User Interface

The screenshot displays the ARIS Risk & Compliance Manager interface. At the top, there is a navigation bar with the 'software AG' logo, the application name 'ARIS Risk & Compliance Manager', and a 'Home' button. Below this, there are tabs for 'My tasks', 'My offline objects', 'My issue-relevant objects', and 'My messages'. A filter section includes a 'Filter' dropdown set to 'Default filter', a 'Status' dropdown set to 'Open', and 'Due date' fields with 'from' and 'to' inputs. A table lists tasks with columns for Name, Client, Object type, Role, Status, and Due date. A login overlay is positioned on the right side of the screen.

Name	Client	Object type	Role	Status	Due date
16860	UMG	Risk assessment	Risk owner	Open	10/30/2014
16850	UMG	Test case	Tester	Open	10/30/2014
Document check	UMG	Audit step	Audit step owner	Open	12/16/2014
Audit execution	UMG	Audit step	Audit step owner	Open	12/16/2014
Audit execution Germany	UMG	Audit step	Audit step owner	Open	12/16/2014
Audit execution France	UMG	Audit step	Audit step owner	Open	12/16/2014
Audit execution USA	UMG	Audit step	Audit step owner	Open	12/16/2014
Audit execution Brazil	UMG	Audit step	Audit step owner	Open	12/16/2014
Audit execution South Africa	UMG	Audit step	Audit step owner	Open	12/16/2014
Valuation	UMG	Audit step	Audit step owner	Open	12/27/2014
16862	UMG	Risk assessment	Risk owner	Open	12/29/2014
16864	UMG	Risk assessment	Risk owner	Open	
16866	UMG	Risk assessment	Risk owner	Open	

**ARIS Risk & Compliance Manager**

Demo version with Derby database

English

Tom Owen

Log in

Forgot password | Whistleblow

Enhanced transparency

Easier navigation

Increased end-user acceptance

# ARIS Risk & Compliance Manager New User Interface

## New Home area

The screenshot shows the 'Home' view of the ARIS Risk & Compliance Manager. The top navigation bar includes 'Home', 'Explorer', and other icons. Below the navigation, there are sections for 'My tasks', 'My offline objects', 'My issue-relevant objects', and 'My messages'. A filter section allows users to set a 'Default filter' and search by 'Status' (currently set to 'Open') and 'Due date' (with 'from' and 'to' fields). A table displays a list of tasks with columns for Name, Client, Object type, Role, Status, and Due date.

Name	Client	Object type	Role	Status	Due date
16850	UMG	Risk assessment	Risk owner	Open	10/30/2014
16850	UMG	Test case	Tester	Open	10/30/2014
Document check	UMG	Audit step	Audit step owner	Open	12/16/2014
Audit execution	UMG	Audit step	Audit step owner	Open	12/16/2014
Audit execution Germany	UMG	Audit step	Audit step owner	Open	12/16/2014
Audit execution France	UMG	Audit step	Audit step owner	Open	12/16/2014

## New Explorer view

The screenshot shows the 'Explorer' view of the ARIS Risk & Compliance Manager. The top navigation bar includes 'Explorer'. A left sidebar contains a tree view of navigation items: Audit management, Change management, Deficiency management, Incident management, Issue management, Policy management, Risk management, and Risks. The main content area features a large graphic of a server rack with a sun-like icon behind it.

## New evaluations view

The screenshot shows the 'Evaluation' view of the ARIS Risk & Compliance Manager. The top navigation bar includes 'Evaluation'. A left sidebar contains a tree view of navigation items: Audit management, Deficiency management, Incident management, Policy management, Risk management, and Risk assessment (risk manager). The main content area features a large graphic of a presentation board with a bar chart and a pie chart.

## New administration structure

The screenshot shows the 'Administration' view of the ARIS Risk & Compliance Manager. The top navigation bar includes 'Administration'. A left sidebar contains a tree view of navigation items: System management, User groups, User, Actions, Generate test cases, Generate follow-ups, Generate surveys, and Generate sign-off processes. The main content area features a large graphic of a server rack with a sun-like icon behind it.

Enhanced transparency

Easier navigation

Increased end-user acceptance

# Event Processing with Apama

## Create event workflows for test activities

Test plan "Validate three-way match (automated)"

Name:

Tester/test reviewer:

Test activity:

This event automatically inspects the GR (Goods receipts) and IR (Invoice receipts) indicators for the line items in all in-scope purchasing documents for the period under review. The automated activities relate to:

- Determine instances (EKPO-EBELN & EKPO-EBELP) where the GR indicator was checked and the IR indicator was unchecked.
- Determine instances where the situations (under 1) above relate to in scope organisation elements.
- Reports on the purchase orders matching above criteria

Source Table(s) EKKO - Purchase document header EKPO - Purchase order line items EKBE - History per purchasing document

Joining EKKO-EBELN = EKPO-EBELN EKPO-EBELN & EKPO-EBELP = EKBE-EBELN & EKBE-EBELP

Filter criteria Field Description Filter criteria EKPO-LOEKZ Deletion indicator Filter on the value not equal to "X" EKPO-AEDAT Changed On Date range for period under review EKPO-WEPOS Goods Receipt Indicator Filter on the value "X" EKPO-REPOS Invoice

Start date of test definition:

Start date of test definition:

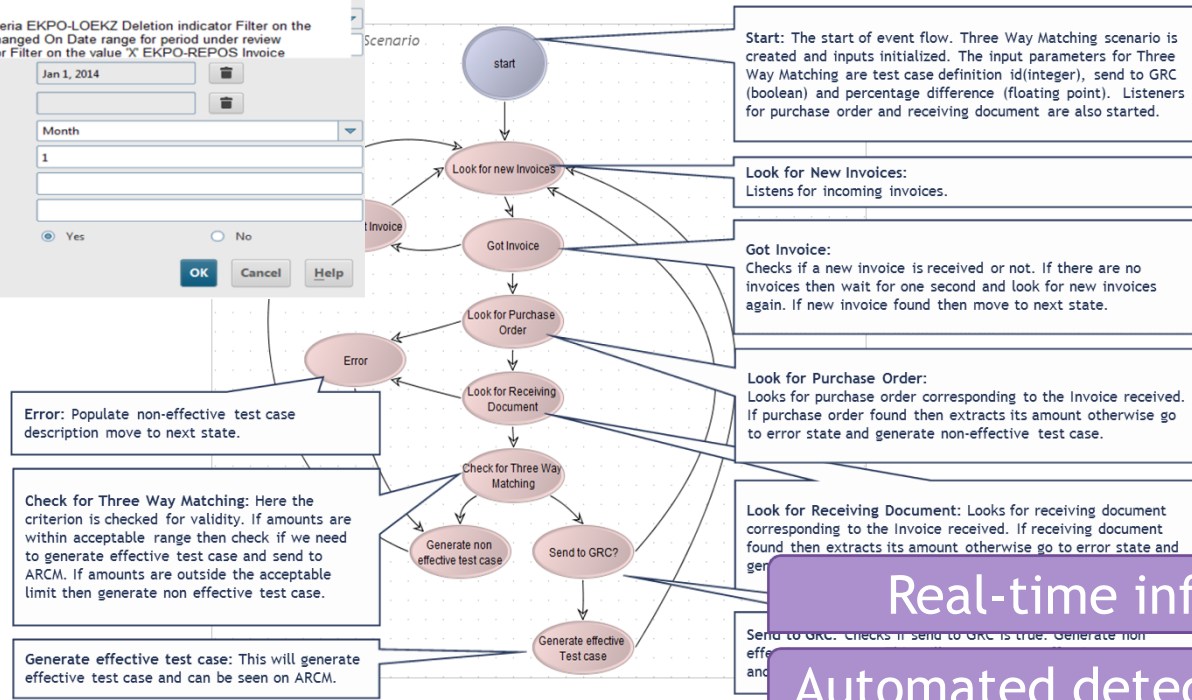
Length of control period:

Offset in days:

Walkthrough name:

Walkthrough counter:

Follow-up allowed:  Yes  No



Real-time information

Automated detective controls



# New in ARIS Cloud

- Multi-language support (new UI; alternative content language)
- 1-Click Design
- Extended Design and Portal capabilities (relationships, symbol types, structure formatting)
- Reporting for the portal


## Basic Edition

- Create own filters or templates
- Manage permissions to content
- Create own reports based on WYSIWYG editor
- Move content between databases

## Advanced Edition

- Full ARIS BPA capability
- Single tenant, Amazon EC2-based hosting
- AD/LDAP connectivity
- SSO

## Enterprise Edition

- 
- Clear product structure
  - Full scalability from individual or departmental process improvement projects
  - Start immediately
  - Design, analyze, share processes in the cloud
  - Structured content
  - Better decisions
  - Improved mobility
  - Process improvement for anyone, anywhere, anytime
  - The product brings the complete ARIS capability stack in the cloud



# ARIS Cloud Enhancements

Different Editions

New UI / New standard views

Enhanced reporting

Improved Modeling

Multi language support

The screenshot displays the ARIS Cloud interface for a recruiting process. The top navigation bar includes a search bar and a user profile for 'Peter Project'. The breadcrumb trail shows 'HR management > Recruiting'. The main content area features a process diagram with the following steps:

- Check receipt of job applications (Task)
- Job applications received (Event)
- Preseselect job applicants (Task)

Each task is assigned to a 'Person in charge Recruiting' role. A decision node (circle with an 'X') follows the 'Preseselect job applicants' step. To the right of the diagram is a comment section with the following entries:

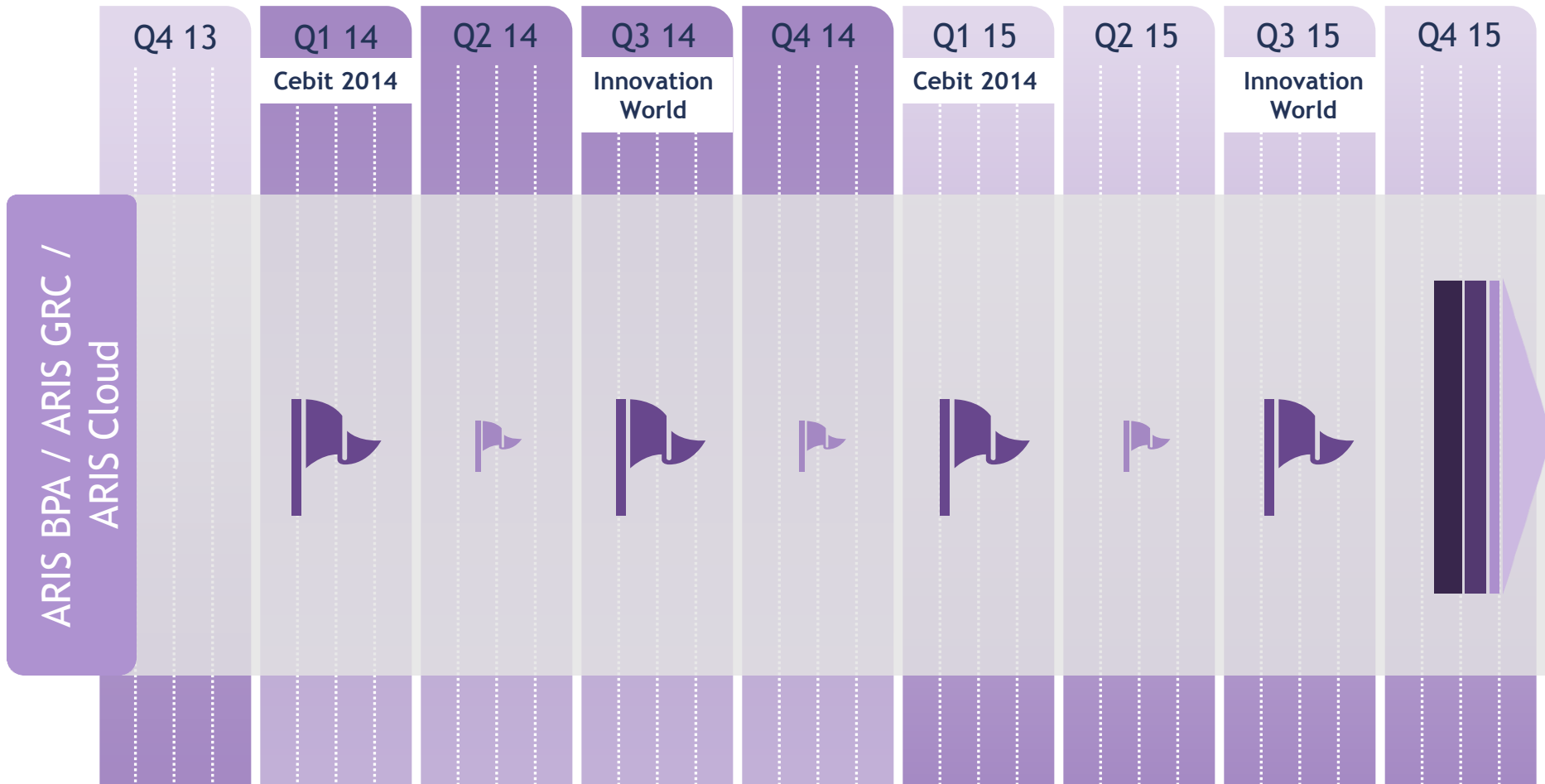
- Matt New**: I see why you need an E2E process. However we should break it down to see how we can automate it. (1 minute ago)
- Angela HR**: The E2E process is a good start. I saw that you added some IT systems. Let's check what other systems could be used. (4 minutes ago)
- Peter Project**: The process looks good! (20. May 2014 at 12:46)

Enhanced transparency

Increased end-user acceptance

# Outlook **ARIS**

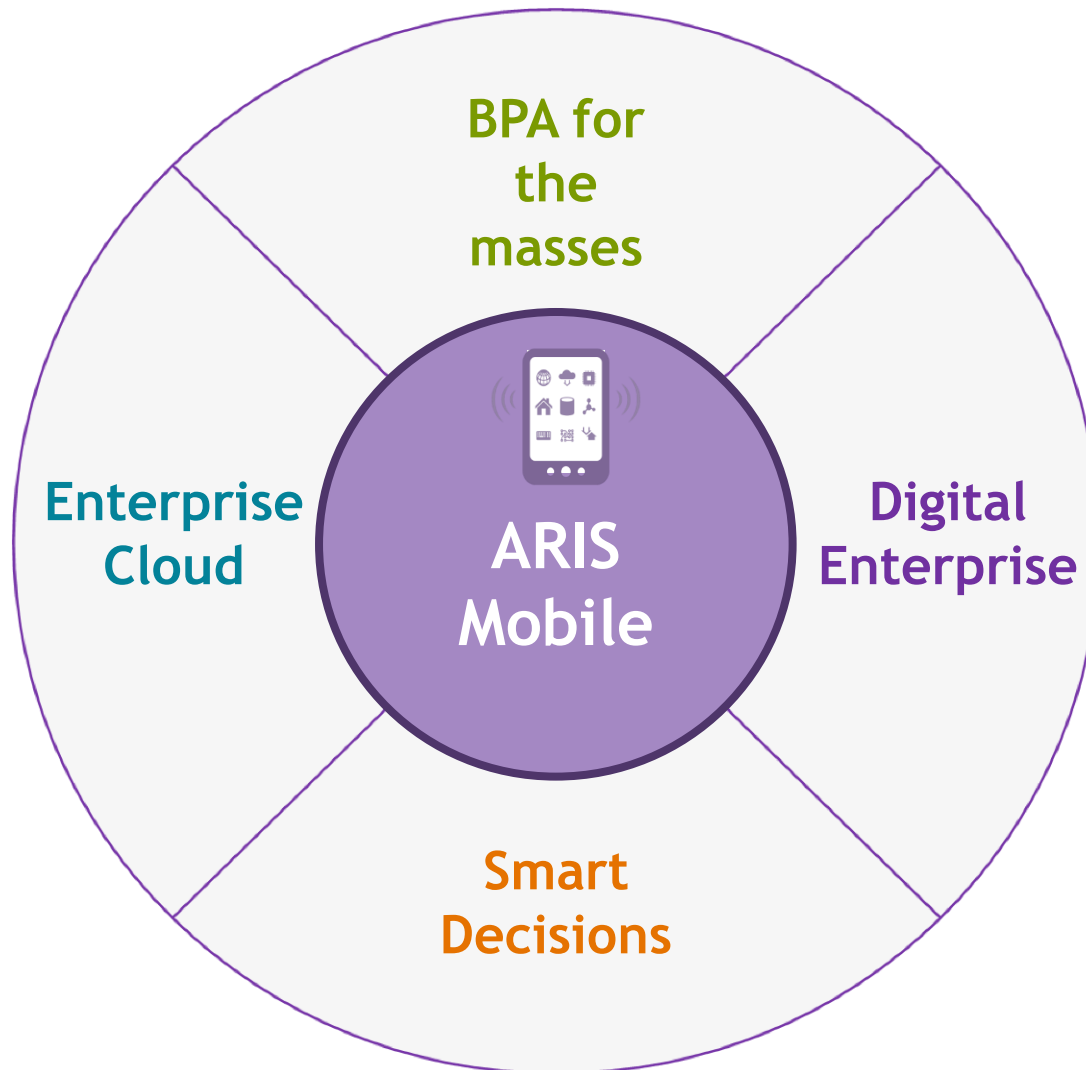
# ARIS Release plan



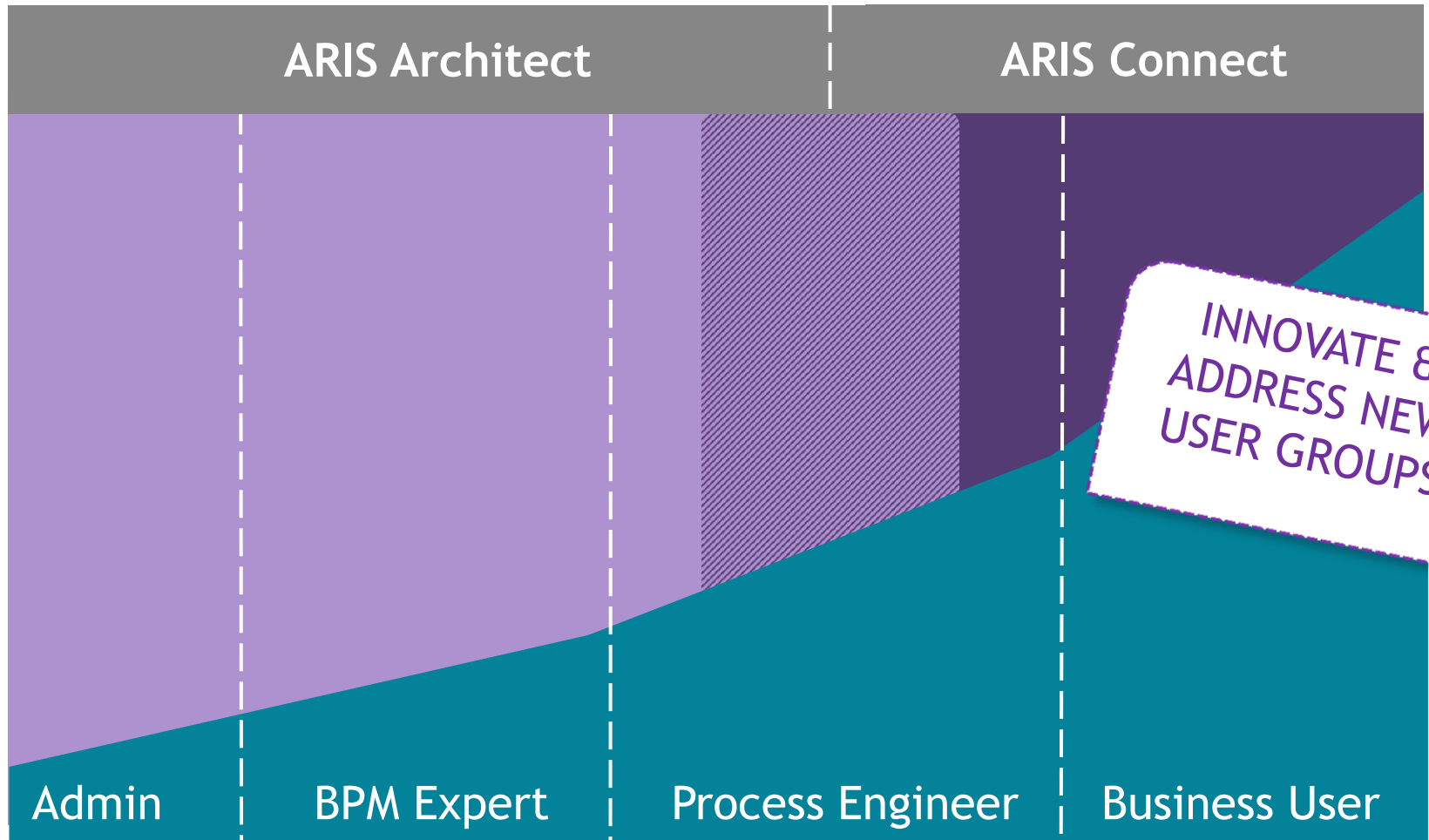
ARIS BPA / ARIS GRC / ARIS Cloud

 = Minor releases
  = Major releases

# ARIS Business Process Analysis - Future directions

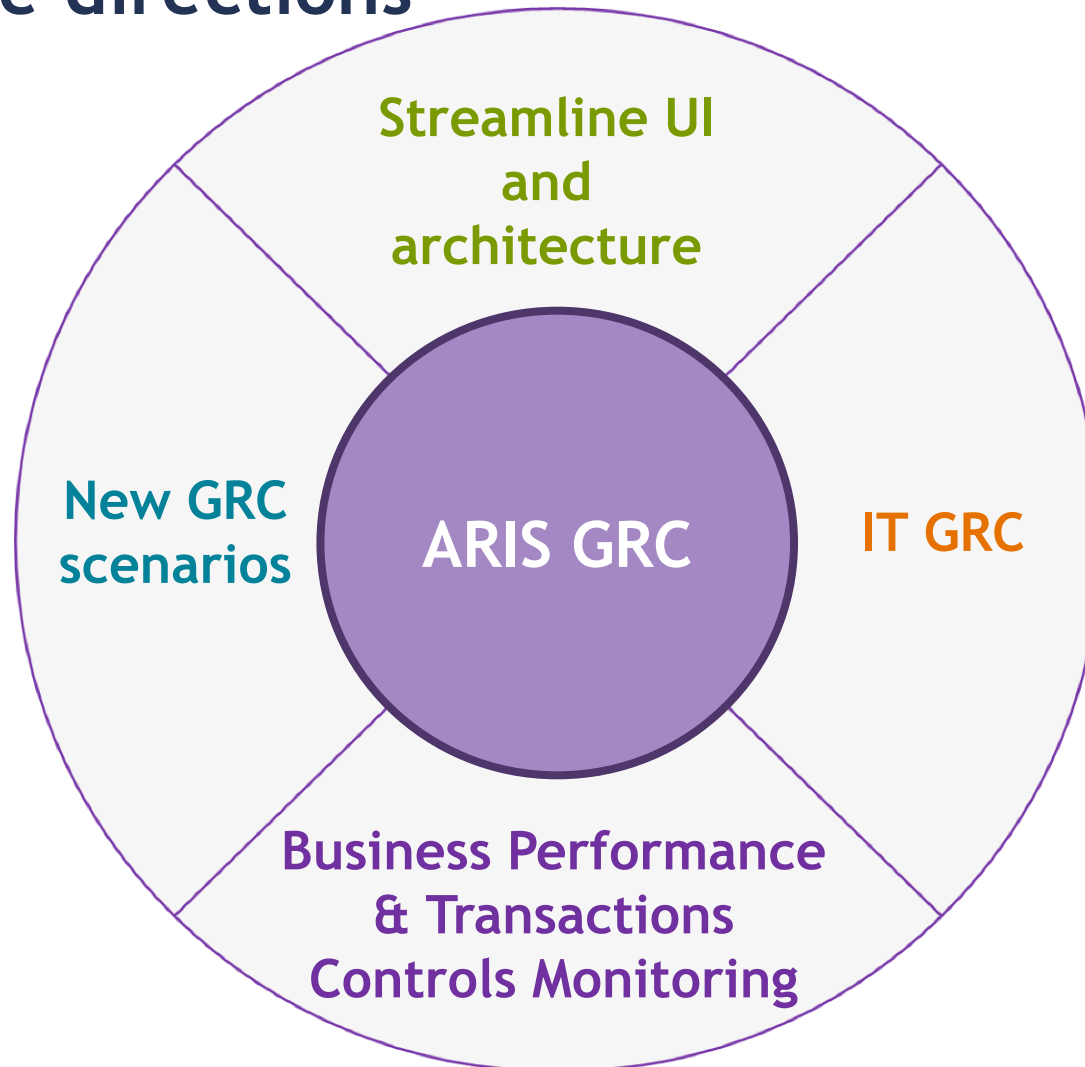


# ARIS BPA extends target groups



User Groups

# ARIS Governance, Risk & Compliance Management - Future directions





**Get There Faster**