

ARIS Now, And In The Near Future

New Features in ARIS 7.2 Delta Presentation

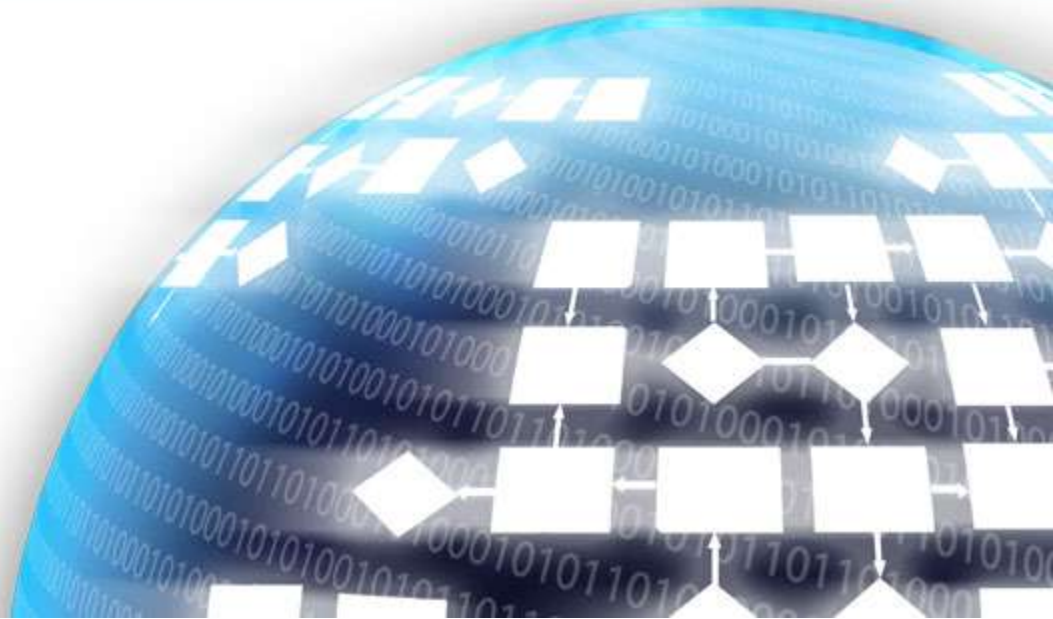
ARIS Roadmap and ARIS 8.0 Outlook

Deltas in ARIS 7.2

- Technical Platform Deltas
- Process Improvement Solution Deltas
- ARIS Design Platform Deltas
 - Formatted description
 - ARIS Collaboration
- ARIS Publishing Platform Deltas



ARIS 7.2 - Technical Platform Deltas



Setup deltas ARIS 7.2

- Software AG branding
- Upgrade ARIS 7.1 to ARIS 7.2
 - ▶ It is not possible to install ARIS 7.1 and ARIS 7.2 at the same time
- Toolset, Easy Design ... are not available anymore
- Additional setup for ARIS Business Publisher
 - ▶ default scenario
 - ▶ include Tomcat 6.0.x
 - ▶ no upgrade from Tomcat 5.5.x setup version
 - ▶ new silent install interface
- ORACLE ojdbc*.jar is not included

Improved Start-up speed of Download Client

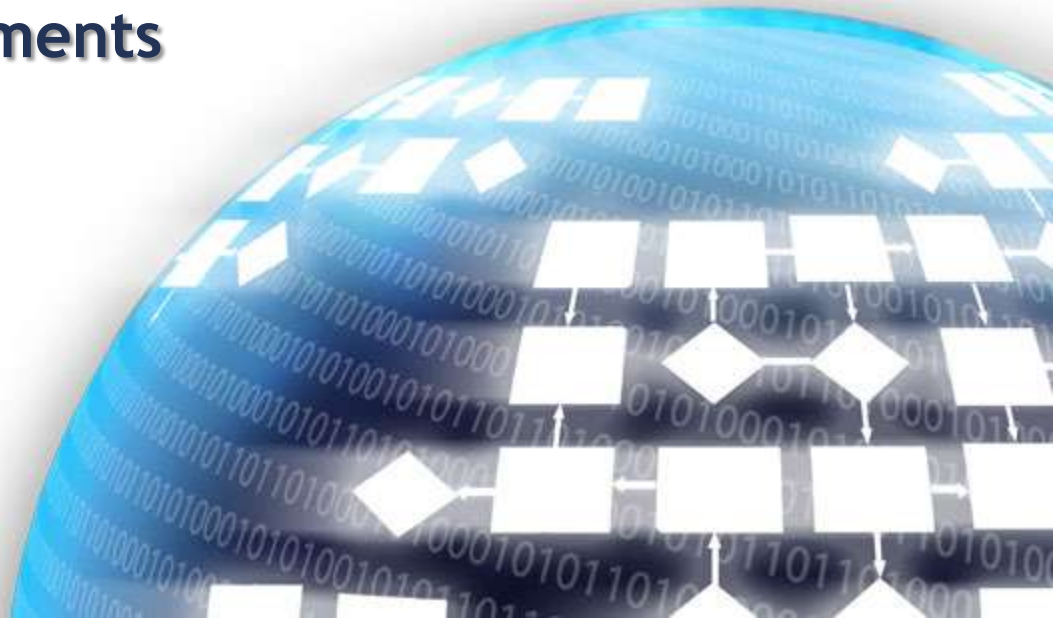
- Issue:
 - Checking for updates takes long, especially when working with a slow network connection
- Reason:
 - Every file is checked for updates against the server, even if the server was not updated
- Solution:
 - Only check aris_loader.jar:
 - ▶ If this file was not changed since the last download, all checks are skipped, the client will not be updated and starts immediately.
 - ▶ If this file was changed, the regular check for updates will be performed
- Consequence:
 - When we have to replace single JARs (customer-specific fixes), the aris_loader.jar must also be replaced

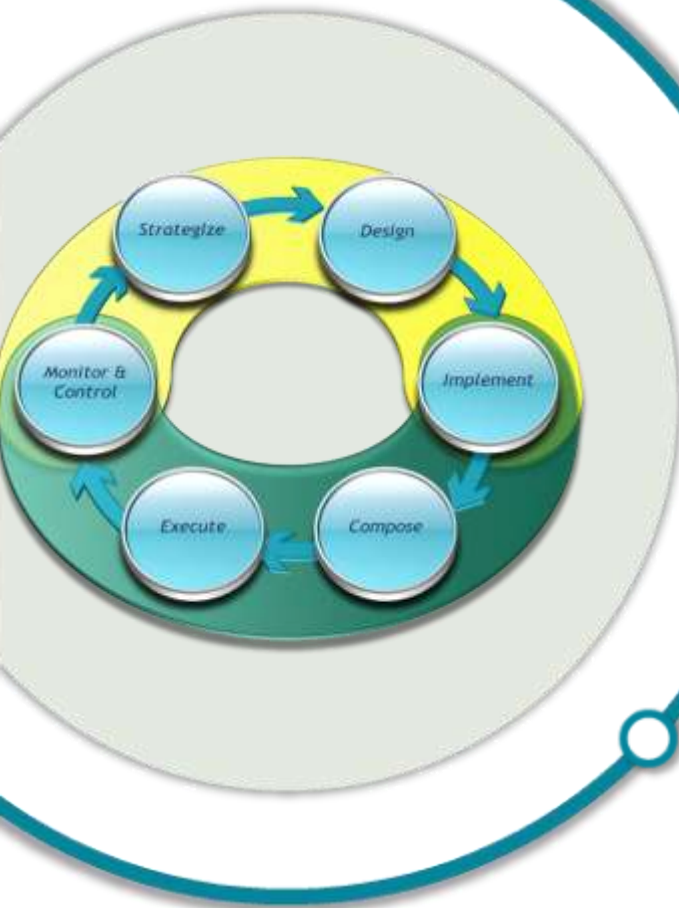
Known problems with JRE 1.6 Update 19+ and Download Client

- Download process is sometimes terminated unexpectedly when using Firefox 3.x.x (for reasons yet unknown)
- Applet mode (index_lan.html)
 - Java Security settings must be disabled (Mixed Code Security Check)
 - JVM options must be explicitly specified in Java Control Panel (Runtime Parameters) as the settings specified in aris_database.html are overwritten by JVM Runtime Parameters. This is in contrast to Update 18-, where the settings in aris_database.html have priority
 - We still recommend using JRE 1.6 Update 17 or 18. Update 17 is shipped with the installed client



ARIS 7.2 - Solution: Process Improvements





Model to Execution

Exchange of ARIS process models with webMethods Designer to technically enhance and execute them

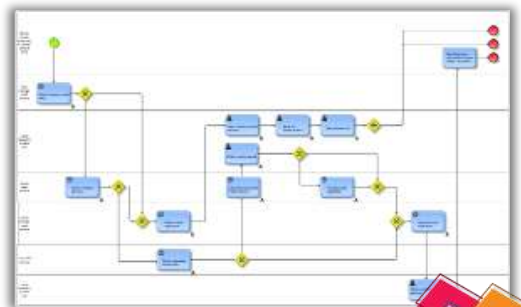
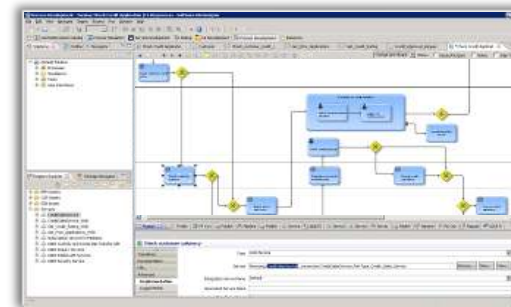
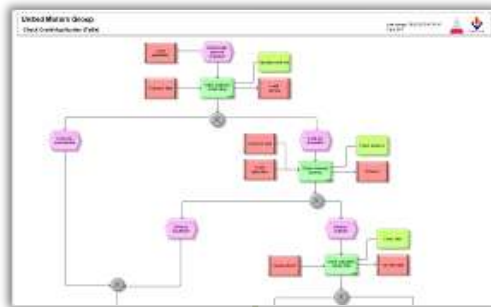
Exchange and 'roundtripping' between ARIS and webMethods based on BPMN 2.0

EPC to BPMN 2.0 transformation in ARIS

Integrated governance and approval process between all involved roles based

Integration with CentraSite for Service Management

Model Interoperability Connects Business & IT



ARIS
Platform

webMethods

Identify
Problem

Collaborate

Design
Solution

Implement

Realize
Improvement

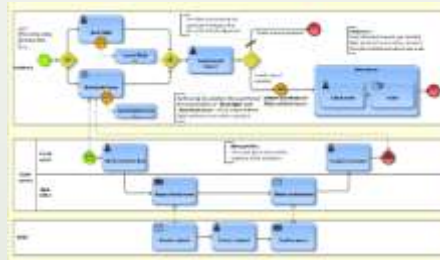
Using BPMN as a common notation helps to bridge the communication gap

Business Model



- Unstructured data
- Incomplete process models with logical flaws

Logical Model



- Concise & consistent
- Accepted by business and IT

Executable Model



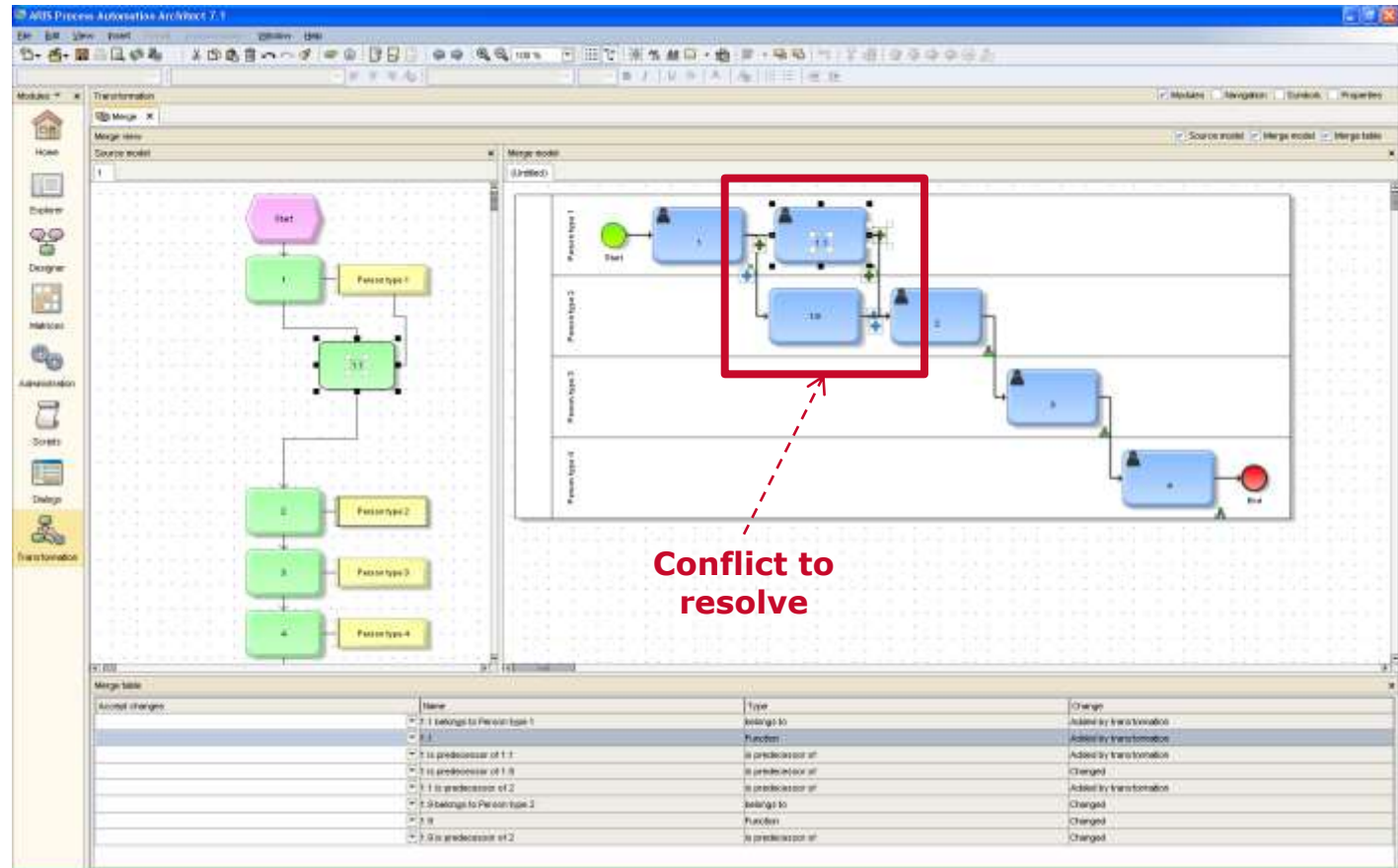
- Concise, complete technical representation of the “IT truth”

Business Process Modeling
Enterprise Architecture Management

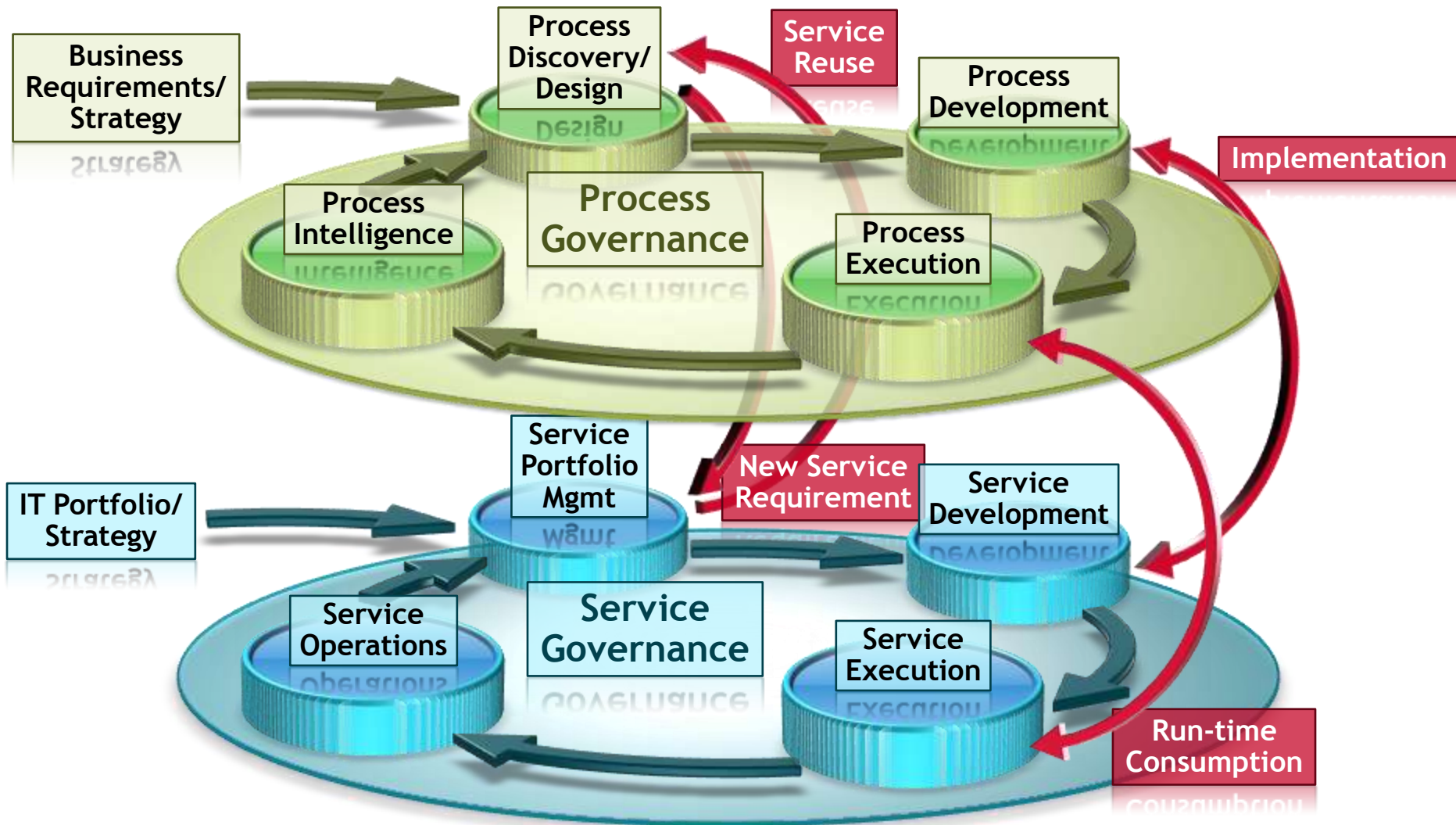
Business Process
Automation

Functionality preview - interactive BPM synchronization

- First graphical support to synchronize business level and executable process diagrams
- All changes are highlighted and can be accepted or denied in graphic or table
- Selection shows tracing information between business process elements and technical assets

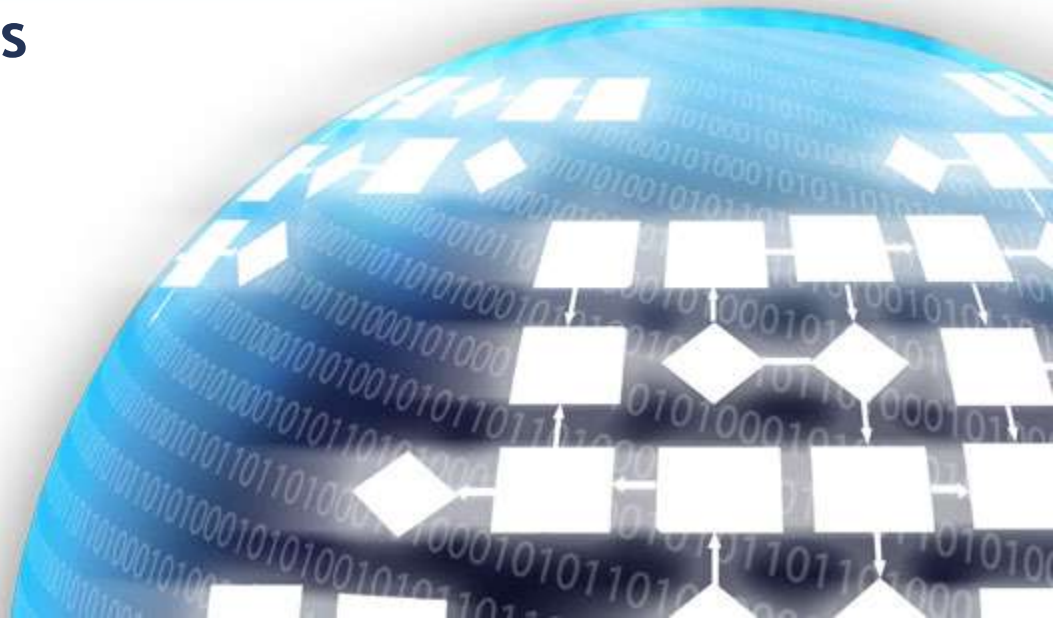


Process & Service Life Cycle Governance





ARIS 7.2 - ARIS Design Platform Deltas



ARIS 7.2

Formatted Descriptions in ARIS

Formatted Descriptions in ARIS - Requirements

- Allow more comprehensive formatting options for description attributes
 - Formatted Text (existing)
 - Tables in Text (New!)
 - Pictures in Text (New!)
- Objects and related description have to be in synch
 - With their existing solution Statoil they has synchronization issues (formatted text is stored in external documents and has to be kept in synch with the repository)
- Formatting has to be easy for Modelers
 - Description text is usually edited by ABA/ABD users
- Formatted Description has to be available in Publisher
- Formatted Description has to be part of Reports

General Solution Approach

Requirement	Solution Approach
Allow more comprehensive formatting options for description attributes	Use standard format for formatting (HTML, DOC or other) and do not reinvent the wheel in ARIS
Objects and related description have to be in synch	Do not store formatted description in an external system (DMS, or other), but within ARIS (as attribute or in the new ARIS document storage)
Formatting has to be easy for Modelers	Use standard editor that users know best for formatted text (e.g. MS Word). Do not reinvent the wheel in ARIS
Formatted Description has to be available in Publisher	Use format that can be displayed or launched in the browser directly (e.g. HTML or DOC)
Formatted Description has to be part of Reports	Use format that can be embedded in RTF, Word or other textual outputs (-> HTML, DOC)

Use Case “Formatted Description with embedded Preview”

The screenshot displays the ARIS Business Architect 7.1 interface. The main workspace shows a process flow diagram titled 'Technology implementation process'. The flow starts with 'The Industry' and 'StatOil' leading into 'Technology assessment', which then leads to 'Technology qualification plan' (highlighted with a red box). This plan then branches into a vertical sequence of steps: 'Exploration Petroleum Technology', 'Drilling and well', 'Concept development and engineering', 'Project Development', and 'Plant operations, maintenance and', all leading to a final 'Qualified implement' box.

On the left, the 'Designer' pane shows the 'Attributes' tab for the 'Technology qualification plan'. The 'Formatted Description' section is highlighted with a red box and contains an embedded preview of the document's content:

1.1 Objective
The objective of this document is to provide a systematic approach to the qualification of new technology. In this document technology development is defined as the process of developing new technology up to a certain level of maturity. Technology qualification is the set of activities required prior to implementation of this technology. New technology is developed by StatOil or derived directly by the industry.

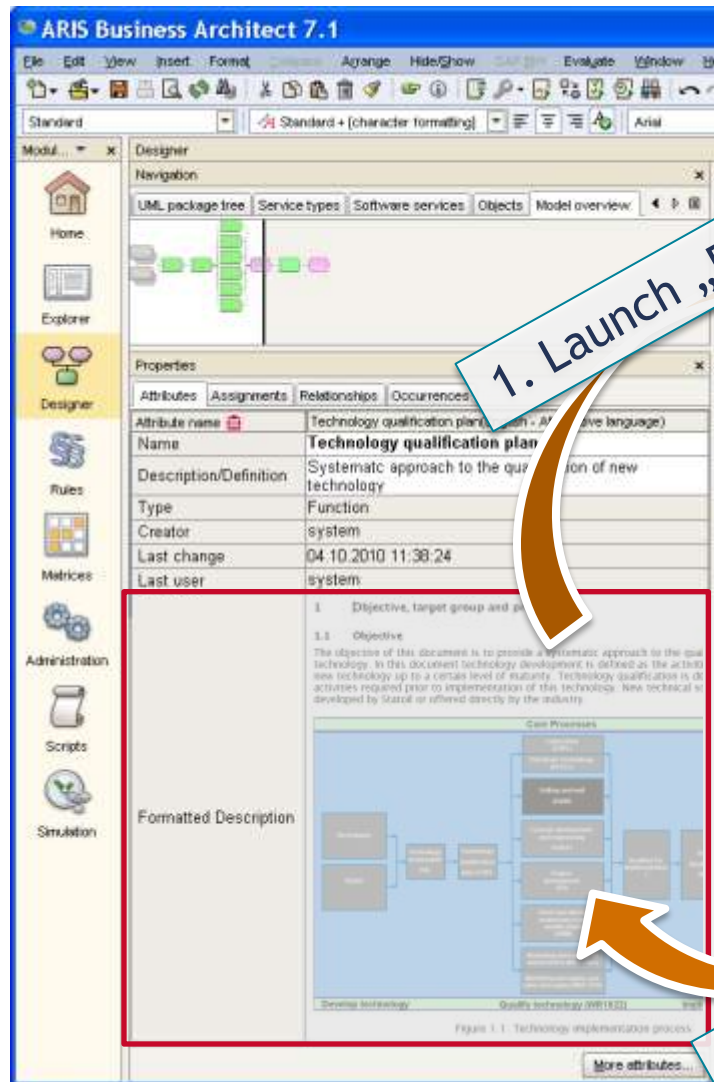
Figure 1.1: Technology implementation process

A callout bubble points to the embedded preview with the text: **Embedded Preview in ABA**

Preview in ABA:

- 1 fixed Read-Only Attribute
- Display on *Attributes* tab
- Extract of the full text
- HTML like display, but not 100% 1:1 like in Word

Use Case “Editing”

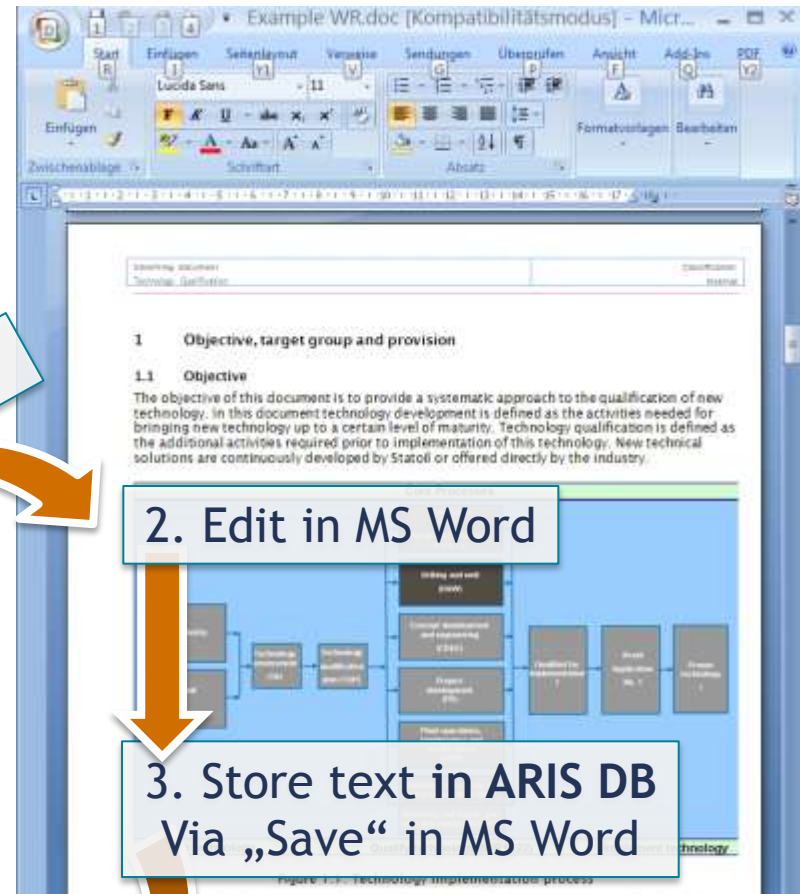


1. Launch „Editing“

2. Edit in MS Word

3. Store text in ARIS DB
Via „Save“ in MS Word

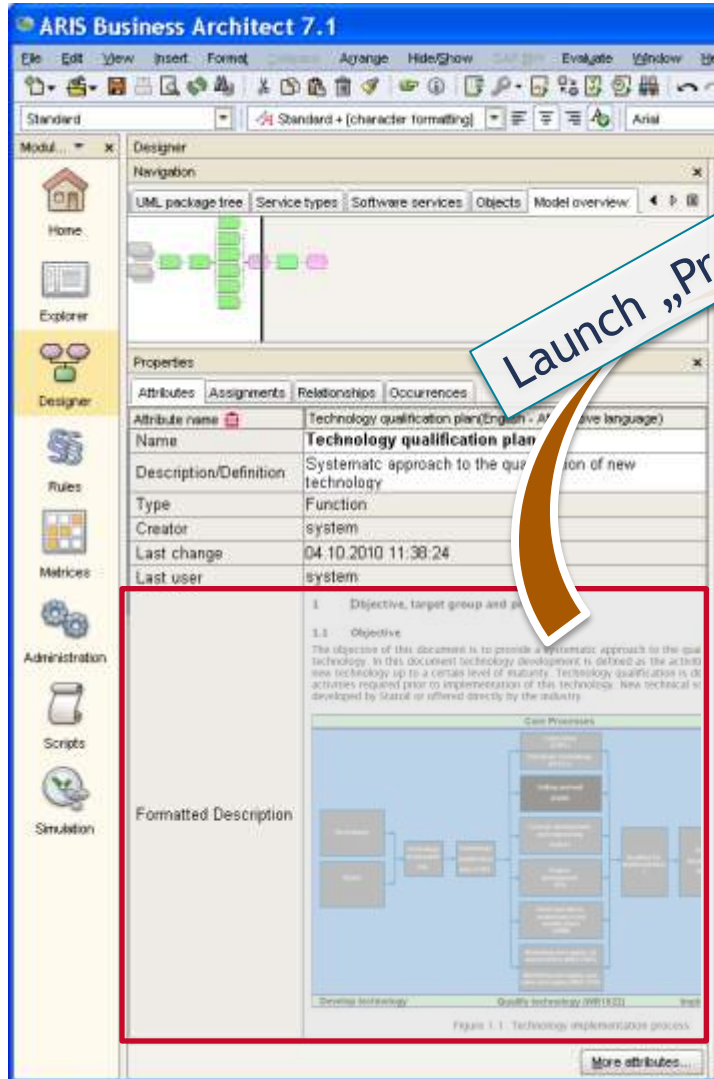
3. „Refresh“ In ABA



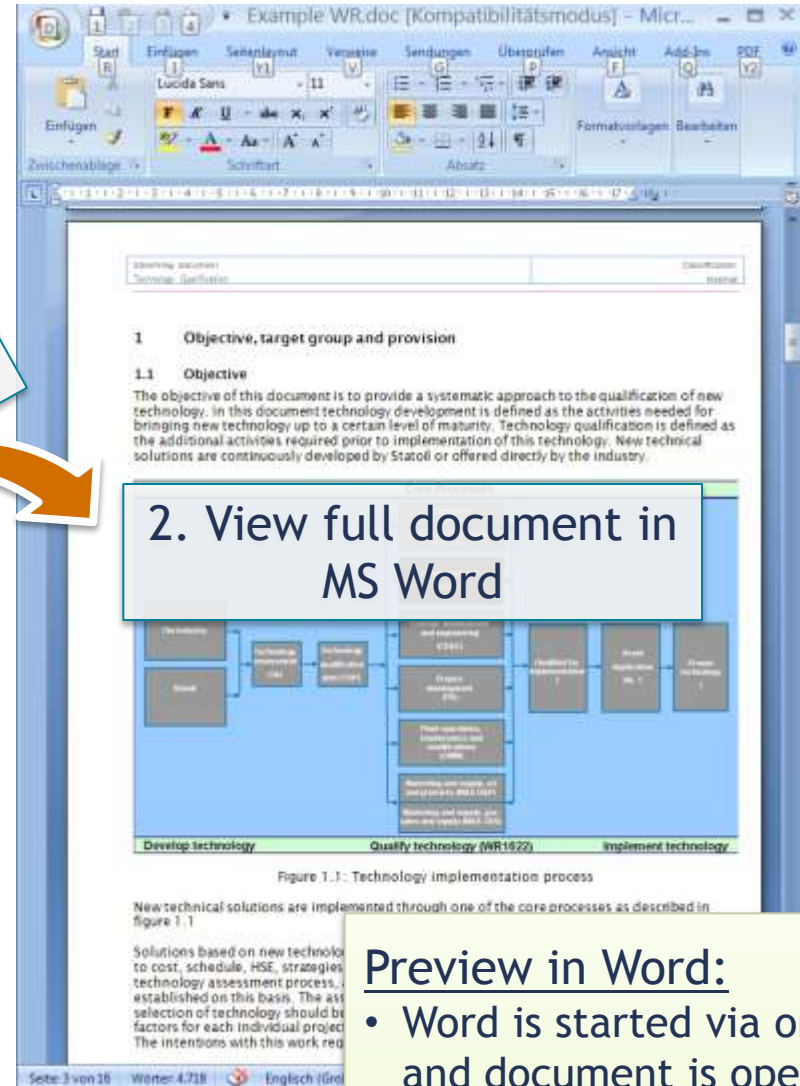
Editing in Word:

- Word is started via one click and document is opened
- Storing into repository directly from Word
- Just press “Refresh” in client to actualize preview

Use Case “Full Preview”



Launch „Preview“



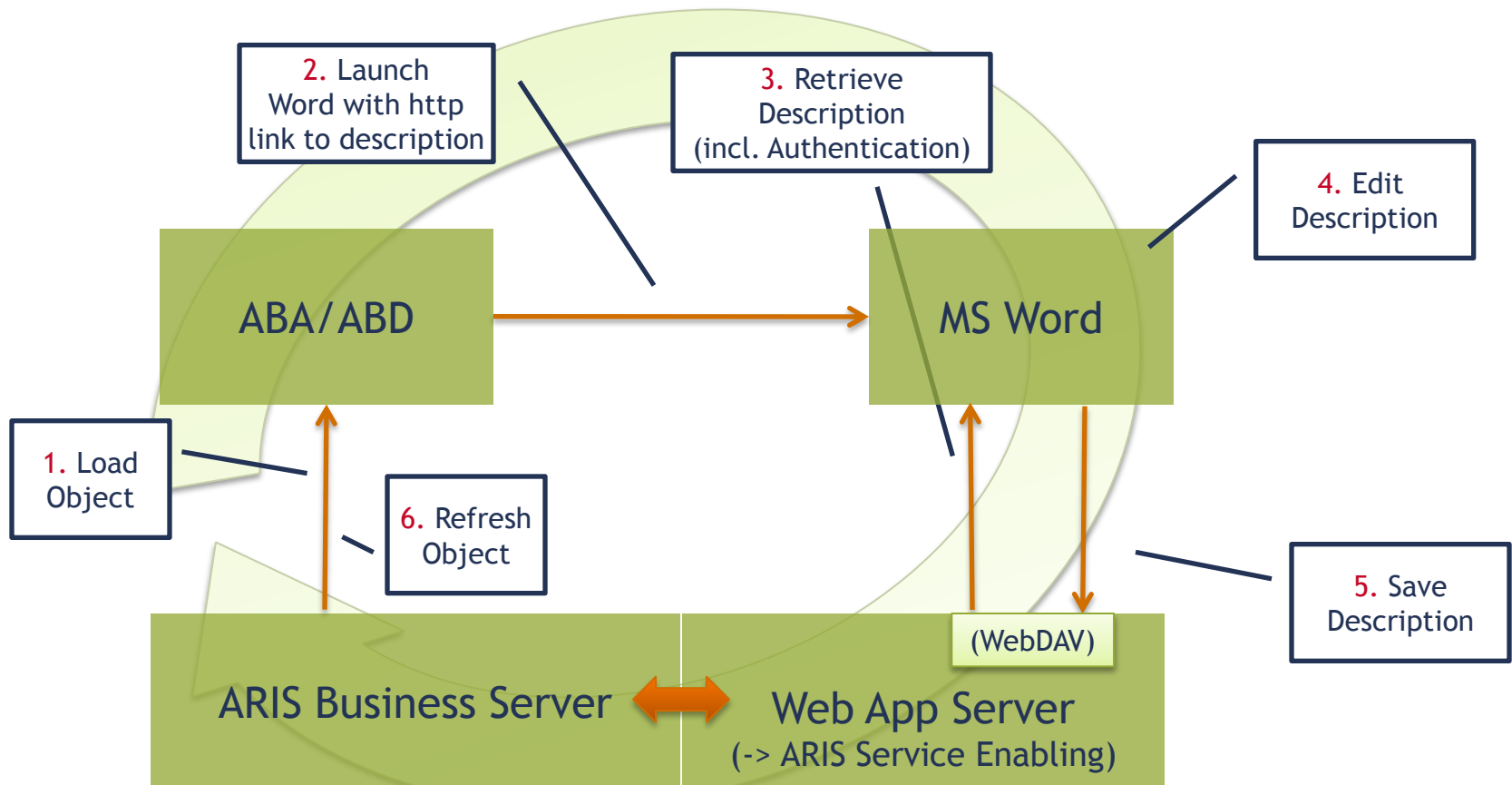
2. View full document in MS Word

Preview in Word:

- Word is started via one click and document is opened
- Word can also be used to see the full document for read only purpose

Solution Architecture - “Seamless Integration”

- To be able to use MS Word as an editor, but as well keep objects and their description in synch the following architecture is implemented:



General informations

- Preconditions:
 - Service enabling must be installed
 - No LOCAL
 - Operating system must support WebDAV protocol on client side
 - All windows platforms
 - Client must be capable of handling DOC/DOCX format
 - Therefore no Linux Platforms supported
- Download directory (not configurable)
 - Installed client: Default temp directory
 - Download client: Temporary Internet Files
 - For edit you need write access in that directory

Configuration possibilities

- AGE Server configuration must be maintained *setupServerSettings.cfg*
 - `<ageserver location="http://[serverName]:7071/age"/>`
 - Do not use 'localhost' as server name, but the correct PC name (which is used by default).
- HTML Preview configuration possibility
 - `defaultServerSettings.cfg`: `<externalDocument includeHtml="false"/>`
 - `userServerSettings.cfg`: `<externalDocument includeHtml="true"/>`, complete HTML document is transferred to client.
 - Special need for customer StatOil
 - Much slower
 - More memory

Possible Restrictions

- Size of Database might be an issue during backup
 - 2GB restriction of size of ADB files
 - Bigger databases must then use backup mechanisms of database system
- Reason for possible bigger database sizes
 - Depending on size of Uploaded Documents, database can grow
 - Also in context of versioning database can grow

ARIS 7.2

ARIS Collaboration



Collaborative enterprise improvement

- Model and improve your enterprise in real-time
- Share ARIS models also with external users
- Set-up your virtual working group with colleagues and customers
- Global collaborative modelling
- Shared ARIS repository

Ad-hoc Collaboration Highlights

Real-time model sharing

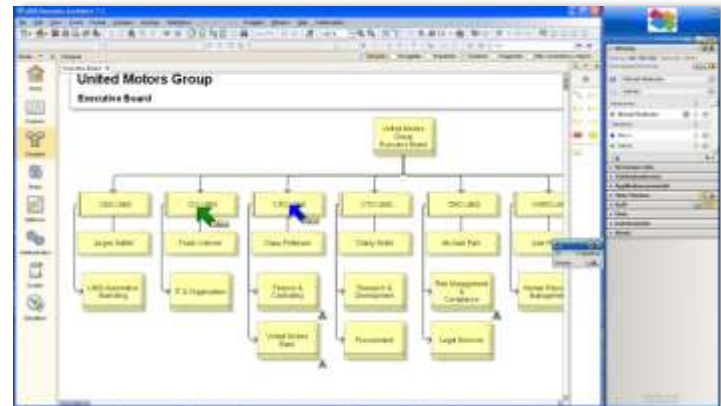
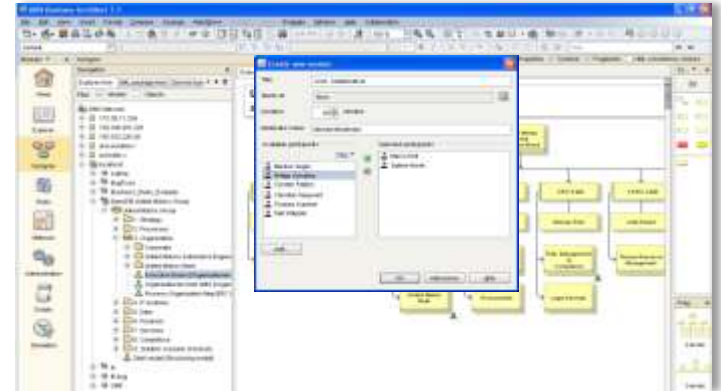
Share and discuss ARIS models in real-time with colleagues and customers, even outside your organization

People finder

The right people to work with are proposed by attributes/models or selected from other sources

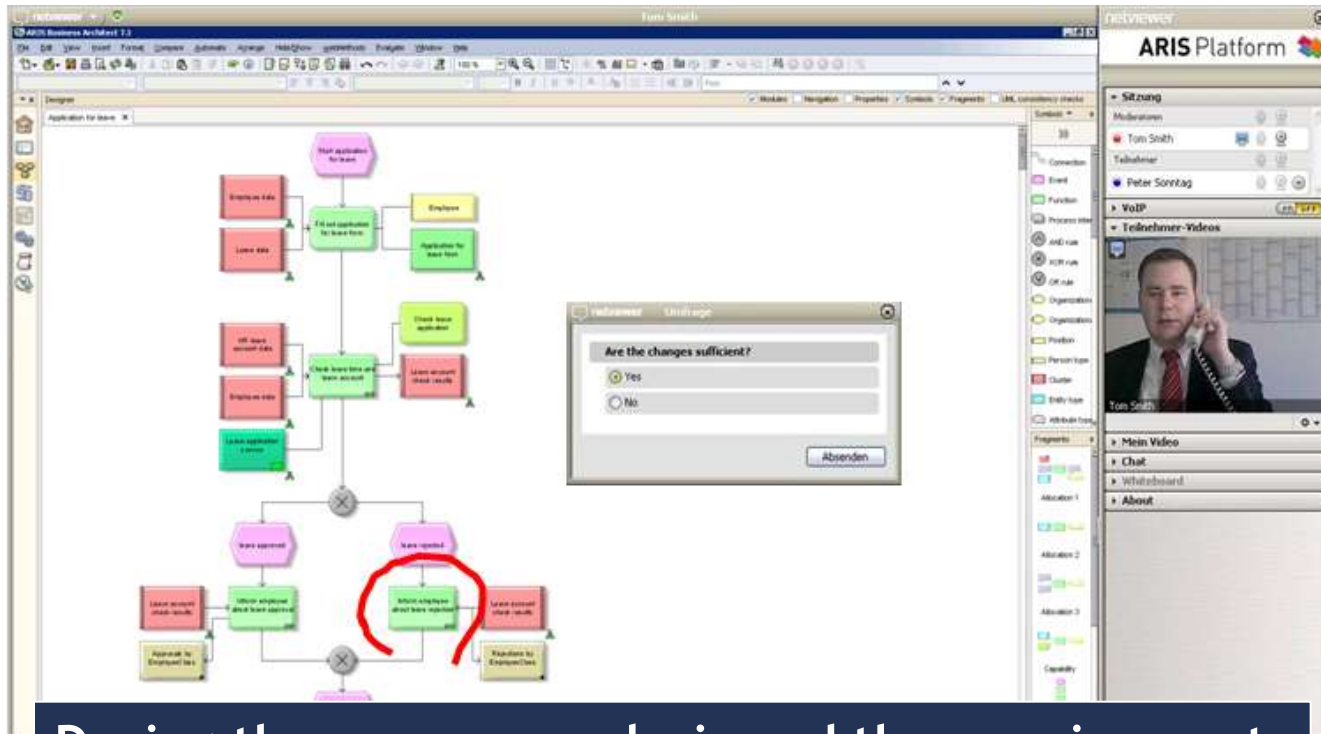
Collaboration features

Making remarks and highlights using whiteboard, integrated text video, voice chat and voting, session recording



Save cost and time through less traveling, faster Release Cycle Management, better support for distributed teams and more efficient change management.

ARIS Collaboration



During the process analysis and the requirements engineering all involved roles can work together based on a collaborative real-time interaction. The discussion can be recorded and archived.

Business Line Manager



*Sandy Paul,
Head of
Credit Financing*

Process Owner



*Tom Smith,
Process Owner
Credit Financing*

Business Analyst



*Peter May,
Business Analyst*

Collaborative Modeling - Share Model

The screenshot displays the ARIS Business Architect 7.1 interface. A 'Create new session' dialog box is open in the foreground, allowing users to configure a collaborative modeling session. The dialog includes fields for Title, Start time, Duration, Moderator name, and lists of Available and Selected participants. An orange arrow points from a callout box to the 'Selected participants' list.

Create new session dialog details:

- Title: ARIS collaboration
- Starts at: Now
- Duration: 10 minutes
- Moderator name: ARIS moderator
- Available participants:
 - Christian Siegwart
 - Thomas Kummer
 - Karl Wagner
 - Dirk Maurer
 - Julie Robert
 - Michael Park#
 - Frank Volkmer
- Selected participants:
 - Julie
 - Michael

Organizational Chart (United Motors Group):

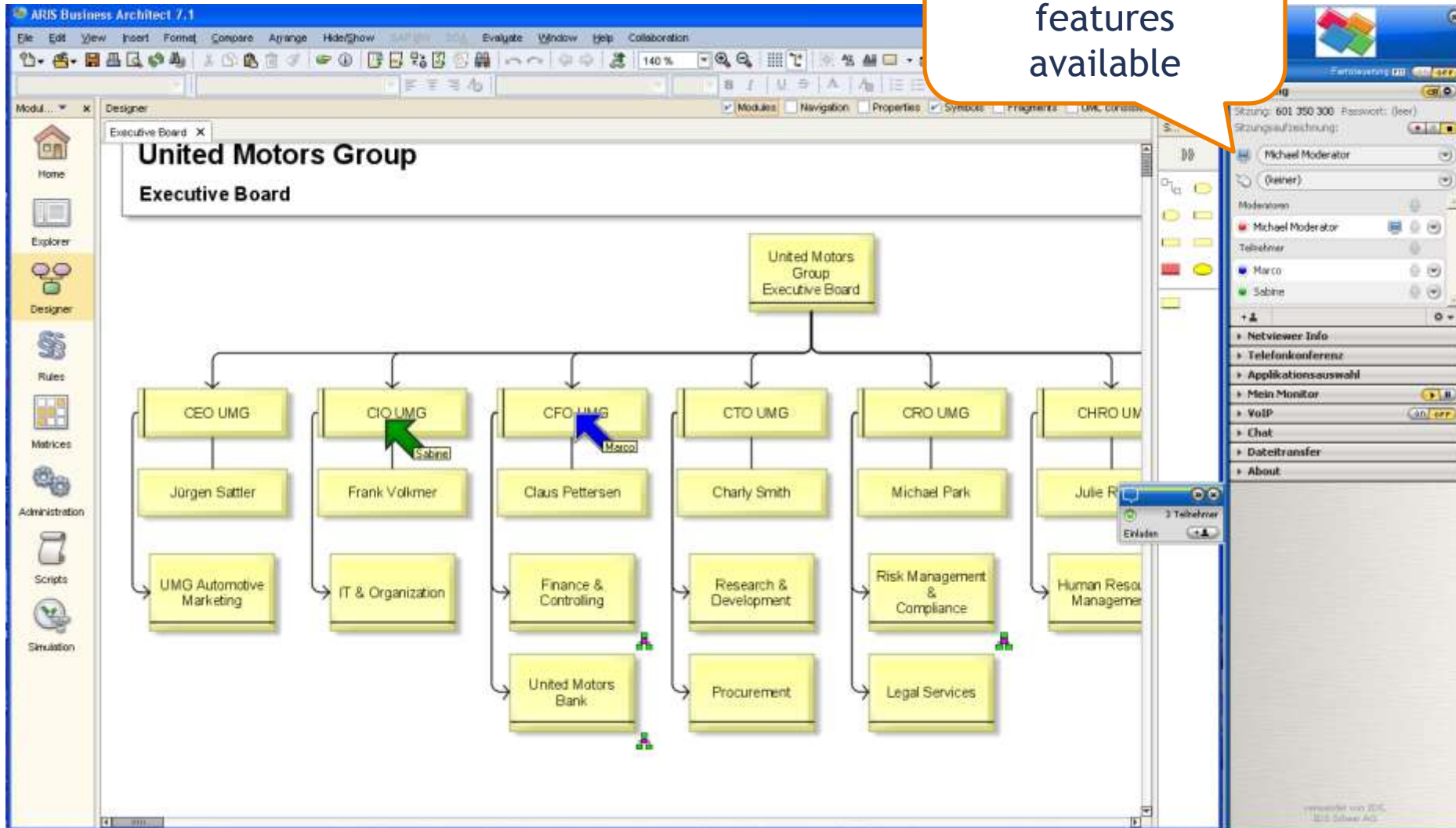
```

graph TD
    EB[Executive Board] --> CTO[CTO UMG]
    EB --> CRO[CRO UMG]
    EB --> CHRO[CHRO UMG]
    CTO --> CS[Charly Smith]
    CRO --> MP[Michael Park]
    CHRO --> JR[Julie Robert]
    CS --> RD[Research & Development]
    MP --> RMC[Risk Management & Compliance]
    JR --> HRM[Human Resource Management]
    RD --> P[Procurement]
    RMC --> LS[Legal Services]
  
```

An orange box highlights the 'Michael Park' and 'Julie Robert' nodes in the organizational chart, which correspond to the participants selected in the dialog. A callout box with the text 'Sample: Invite People from OrgChart' points to this box.

Collaborative Modeling - Features

Use whole set of collaboration features available



Collaborative Modeling - Benefits

- Better support for distributed teams (e.g. less traveling)
- Real-Time Collaboration instead of consecutive modeling
- More efficient Change Management
- Re-use of information that is already in ARIS (e.g. start session with persons from ARIS content, process engineers, wM developers, etc.)
- Proven technology (SaaS solution from NetViewer -> no special system requirements)
- Cost free add-on for ARIS Express, Business Designer/Architect, etc.

Collaborative Modeling - Benefits

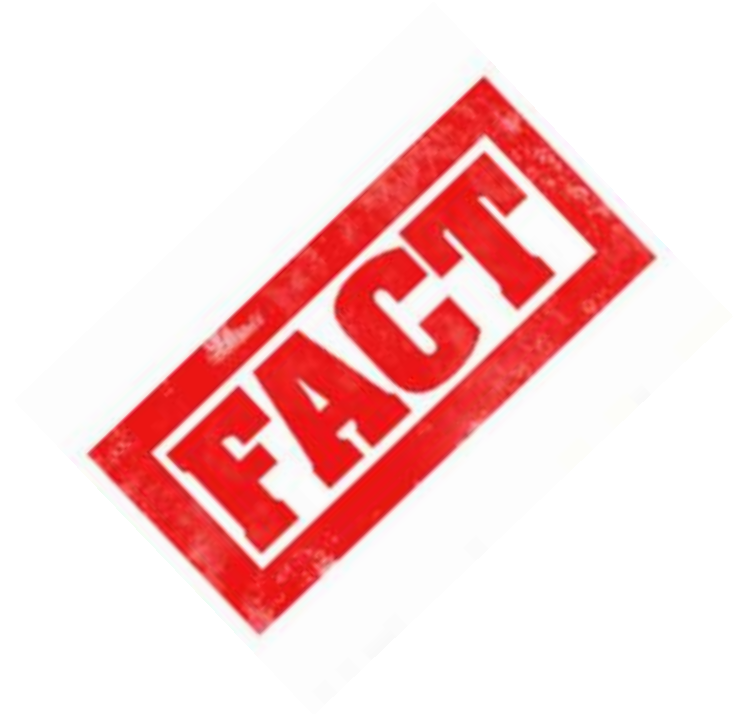
- Less traveling through online collaboration
- Faster Release Cycle Management (RCM)
- Better support for distributed teams
- More efficient change management (CM)
- Better usage of existing information that are already in ARIS, e.g. starting a session with the user who did the last change on a model

➔ Saves Cost and Time

Fact sheet

Collaboration is

- available in all Designers and Architects
- initially released with 7.2
- based on NetViewer 6.2
- protected by an own key
- integrateable into M2E
- currently free of charge

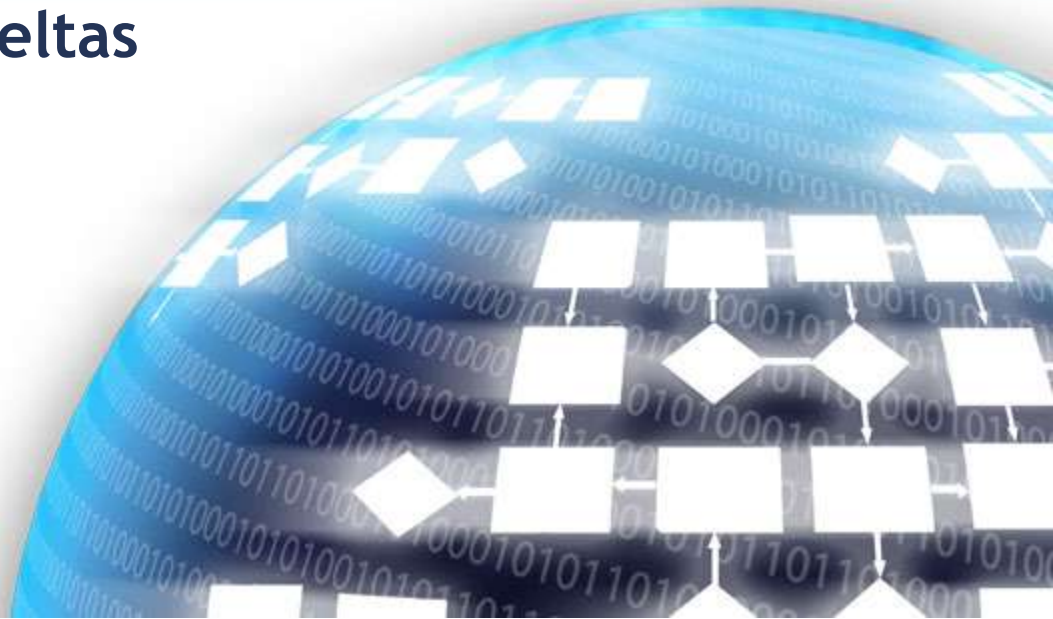


Typical issues

- Collaboration is not included in the standard license key - please ask your SAG contact if you are interested in using this feature
- The license agreement must be accepted
- No proxy server configured under „View→Options→ Network“
- No standard mail client defined
- Designed for MS Outlook, other clients might have restrictions
- The .col file is not properly registered in Windows during Setup



ARIS 7.2 - ARIS Publishing Platform Deltas



ARIS Business Publisher



Accessible web content

Matrix models

Upgrade DMS to
SharePoint 2010

New Structures and
Archiving for log files

2 Setups on DVD -
TomCat 6 & TomCat 5.5

ARIS Business Publisher



Deficiencies (vs.
Standard Layout)

Accessibility

Assistive technology

Deficiencies in functionality (vs. Standard Layout)

Deficiencies

- Carousel
- Reporting functionality
- Only easy search without Rocket-, View-, Connected Object- and DocumentSearch,...
- Process handbook
- Powerful printing (incl. Page settings,...)
- SAP Connectivity
- Copy Link
- ITInventory
- Governance -> APG Connectivity
- Views incl. matrix assistant
- Matrix models only in text mode
- Show & Hide

Accessible web content

Perceivable

- alternatives for graphical content
- Content able to be presented in different ways

Operable

- Keyboard control
- Provide users help to navigate, find and locate where they are

Understandable

- Make text content readable and understandable
- Help users to avoid and correct mistakes

Robust

- Maximize compatibility with user agents, including assistive technologies

Assistive Technology

Screen Magnifiers

- Easier reading for the visually impaired
- Magnify the screen from 2 times, up to 60 times
- Software - Lunar, Dolphin Computer Access

Screen Readers

- For people with little or no functional vision
- Reads the content of screen
- Text-to-speech system
- Software - JAWS, Lynx

Improvements made for the visually impaired

ARIS Business Publisher - Windows Internet Explorer

http://tabredh044890.bsp.siemens.com/aris/bsp/publisher/.../accessibility/AccessibilityLayout.html?ID=ConversationID=...&scale=100

You are logged in as: "anonymous" | Log out

Enterprise Process Map UMG

Languages: English (United States) | About | Contact

Navigation tree | Details

Home Contents Find Favorites

Navigation tree

View: Table | Graphic

Table

Model: Enterprise Process Map UMG (Value-added chain diagram)

Object	Successors	Predecessors	Documents
Function: Logistics	None	None	None
Function: Business Process Management	None	None	None
Function: Facility management	None	None	None
Function: Communication & Information management	None	None	None
Function: Finance & Legal	None	None	None
Function: Human Resources	None	None	None
Function: Financial services	None	None	None
Function: Marketing & sales	None	None	None
Function: Production	None	None	None
Function: Procurement	None	None	None
Function: Customer services	None	None	None
Function: Research & Development	None	None	None
Function: Risk and compliance management	None	None	None
Function: Operational management	None	None	None
Function: Budgeting & controlling	None	None	None
Function: Strategic planning & implementation	None	None	None

Switch between alternative (text) and graphical model display

Details

"Value-added chain diagram": Enterprise Process Map UMG

Characteristics

Name: Enterprise Process Map UMG

Time of generation: Apr 11, 2007 11:39:00 AM GMT+1

Creation: system

Last change: Dec 21, 2009 3:02:27 PM GMT+1

Type: Value-added chain diagram

Last user: system

Enter feedback

undefined: Enter feedback

Superior

Structural element: Processes

Objects

Function: Strategic planning & implementation

Function: Risk and compliance management

Function: Research & Development

Function: Production

Function: Procurement

Function: Operational management

Function: Marketing & sales

ARIS Business Publisher



Matrix view

Matrix assistant

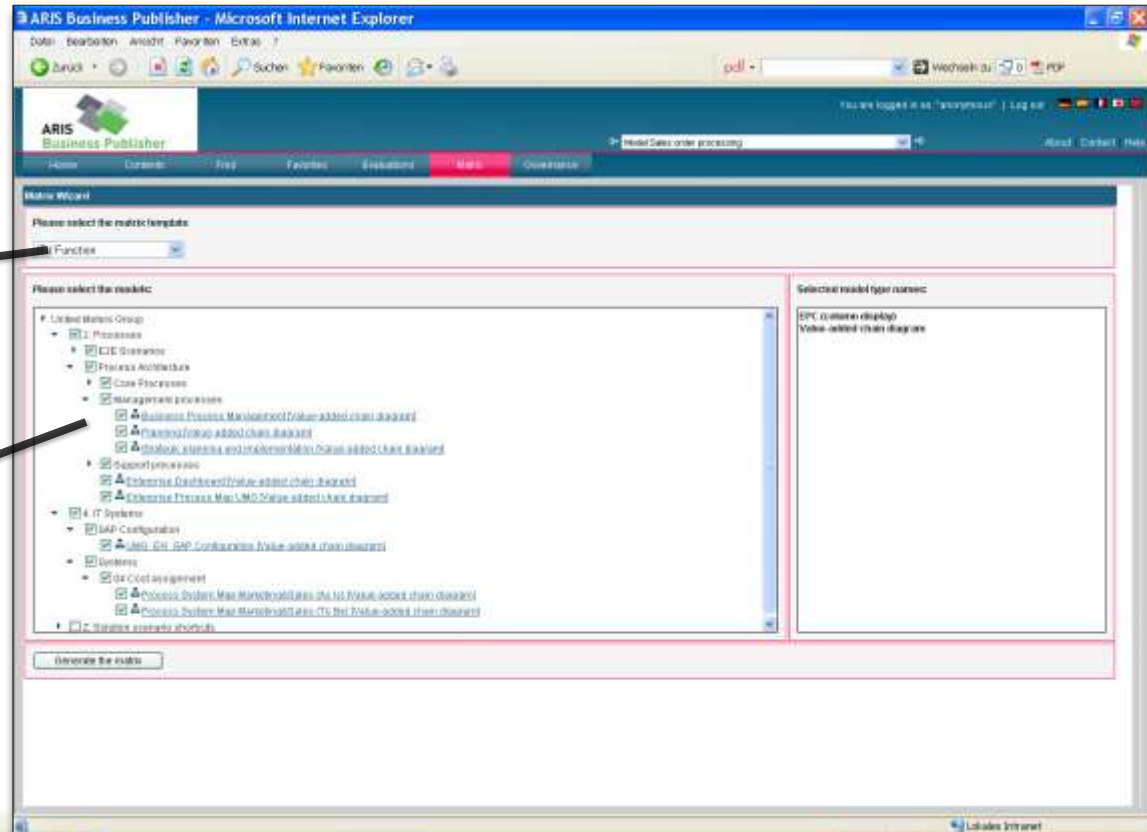
Matrix model type

Direct switch between graphical view and matrix...

The collage displays five different views within the ARIS Business Publisher application:

- Top View:** The main ARIS Business Publisher interface showing a process overview diagram for 'UMG Group Sales order processing (26-10)'. It includes a navigation bar and a sidebar with various tool icons.
- Middle-Left View:** The 'Organization/Function view' showing a matrix that maps organizational roles (e.g., IT Manager, Regional sales administrator) to specific functions (e.g., Review purchase, Allocate vehicle).
- Middle-Right View:** The 'IT/Function view' showing a matrix that maps IT systems (e.g., SAP R/3 ENTERPRISE, SAP CRM) to specific functions (e.g., Review purchase, Allocate vehicle).
- Bottom-Left View:** A detailed process diagram for 'Check sales contract and documents', showing the flow of data and control between various steps and external systems.
- Bottom-Right View:** The 'Data/Function view' showing a matrix that maps data objects (e.g., Sales order, Purchase order) to specific functions (e.g., Review purchase, Allocate vehicle).

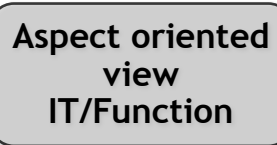
Matrix assistant...



Selection of
the preferred
aspect view

Definition of the
scope for the
matrix view

Easy and intuitive views to process content.



Easy and intuitive views to process content.

Display matrix model types...

The screenshot shows the ARIS Business Publisher web interface. The navigation tree on the left is expanded to show the 'Main group' and '2_Project planning' section. The main content area displays a table of model types, including 'Requirements for 2011', 'Strategy', 'Design', 'Simulation', 'EA', 'SAP', 'Non-SAP', 'Server & Cross Topics', and 'Business Publisher / ARIS Community'. The table columns represent different model types, and the rows represent specific model instances. Green checkmarks indicate the presence of a model type in a specific instance.

Accessible via explorer tree and via search

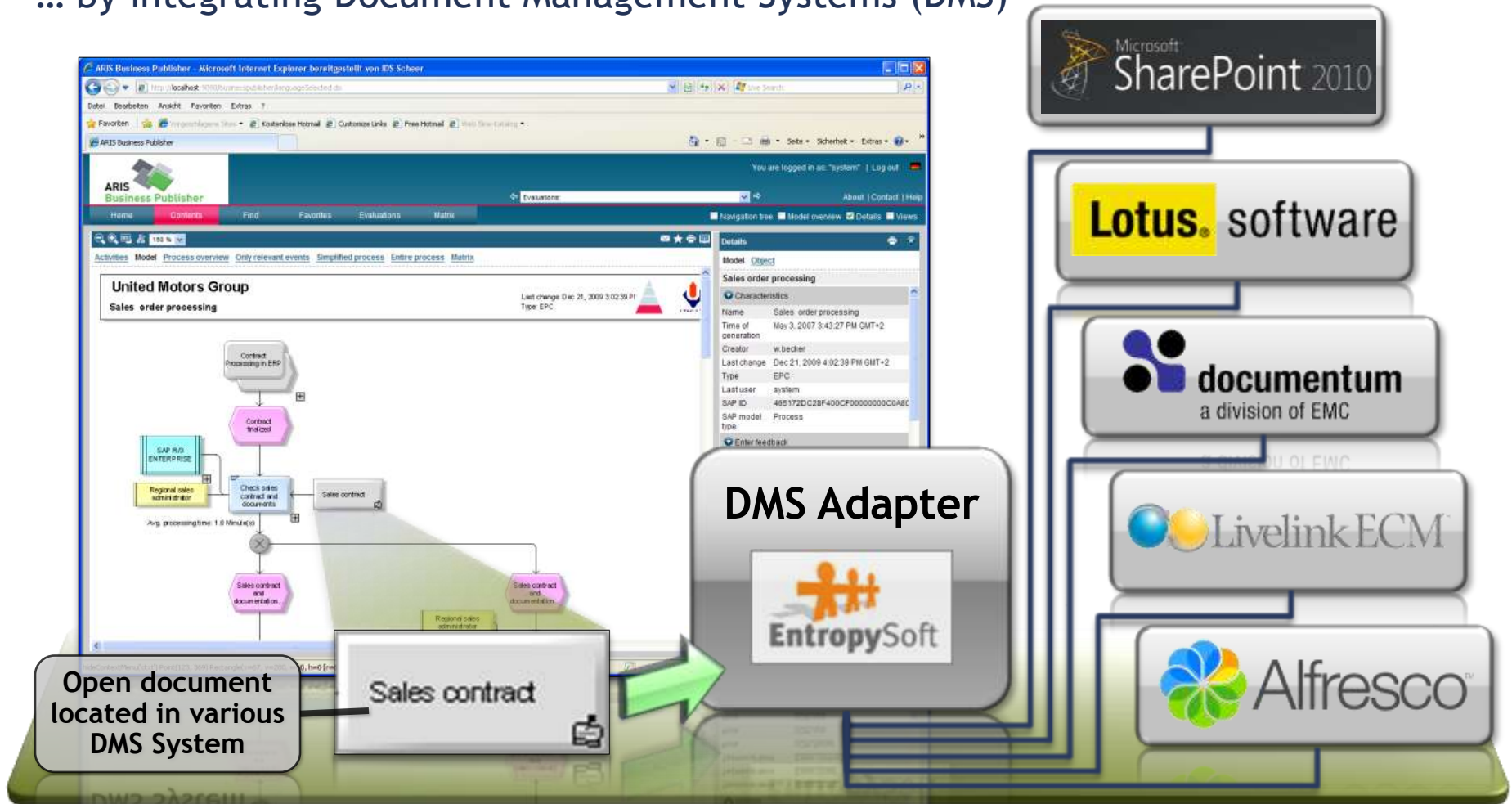
1:1 display of ARIS matrix model types

ARIS Business Publisher



Extend the benefits of your process portal...

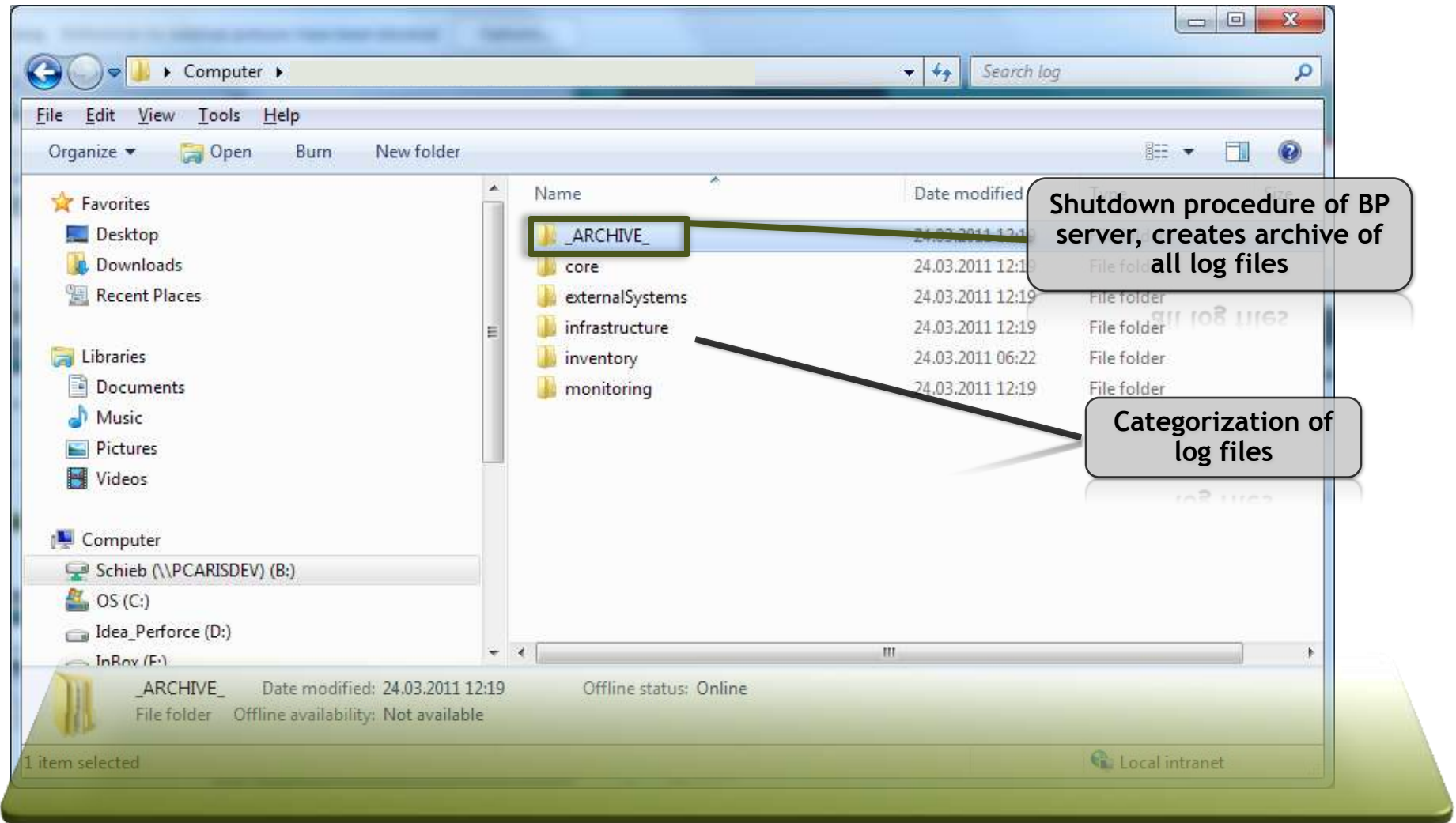
... by integrating Document Management Systems (DMS)



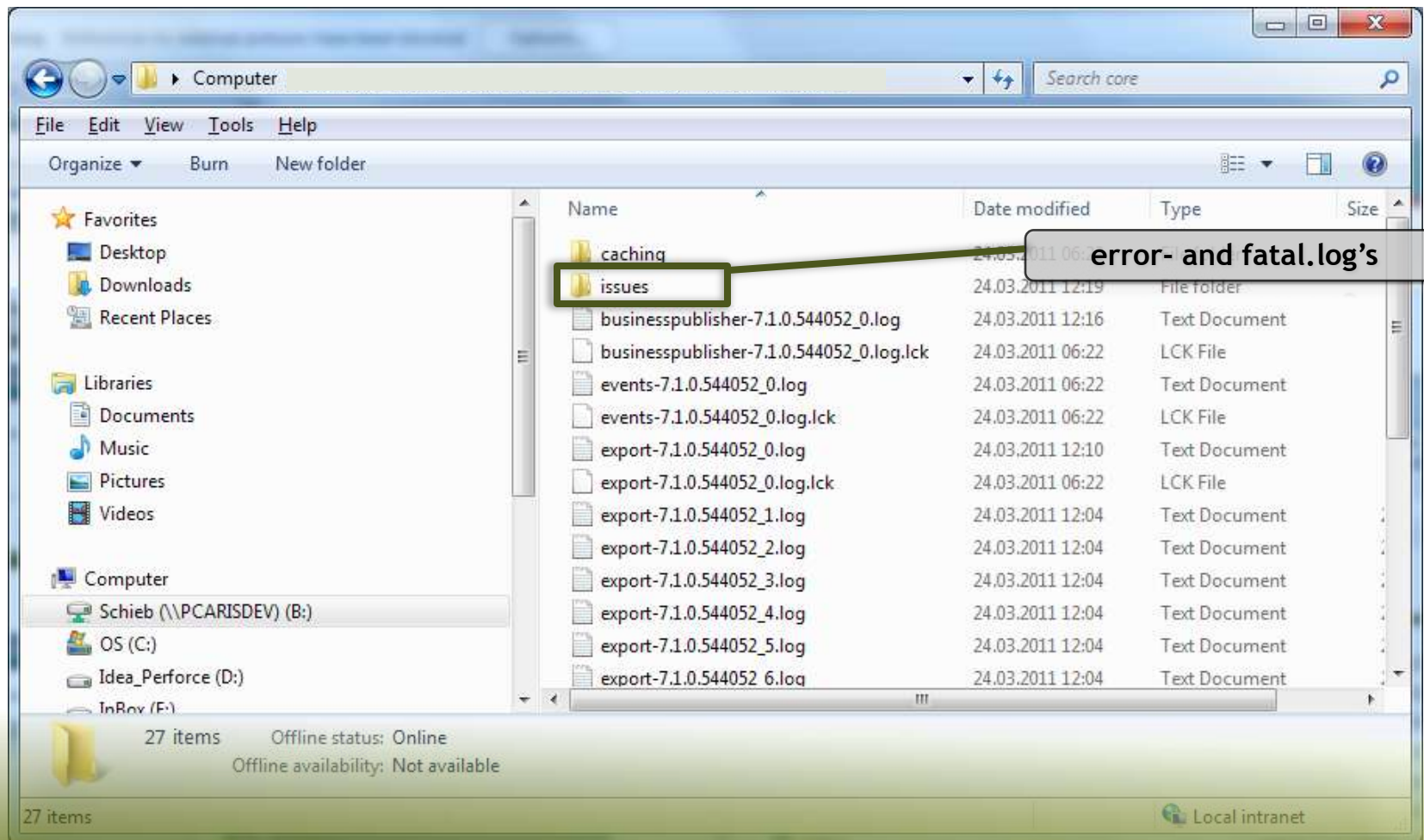
ARIS Business Publisher



Log and monitoring files...



Log and monitoring files...

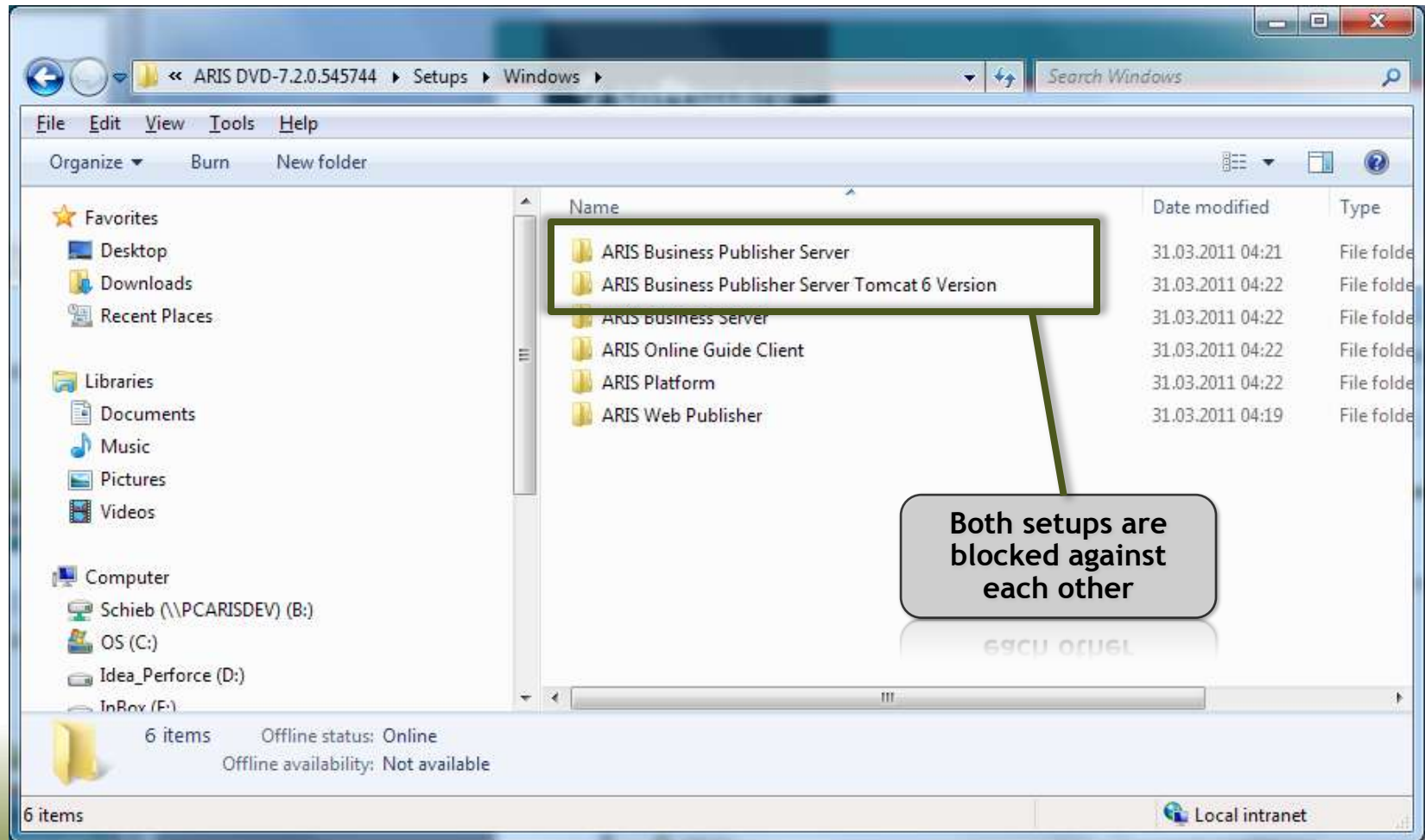


ARIS Business Publisher



2 Setups on DVD -
TomCat 6 & TomCat 5.5

2 Setups on DVD ...

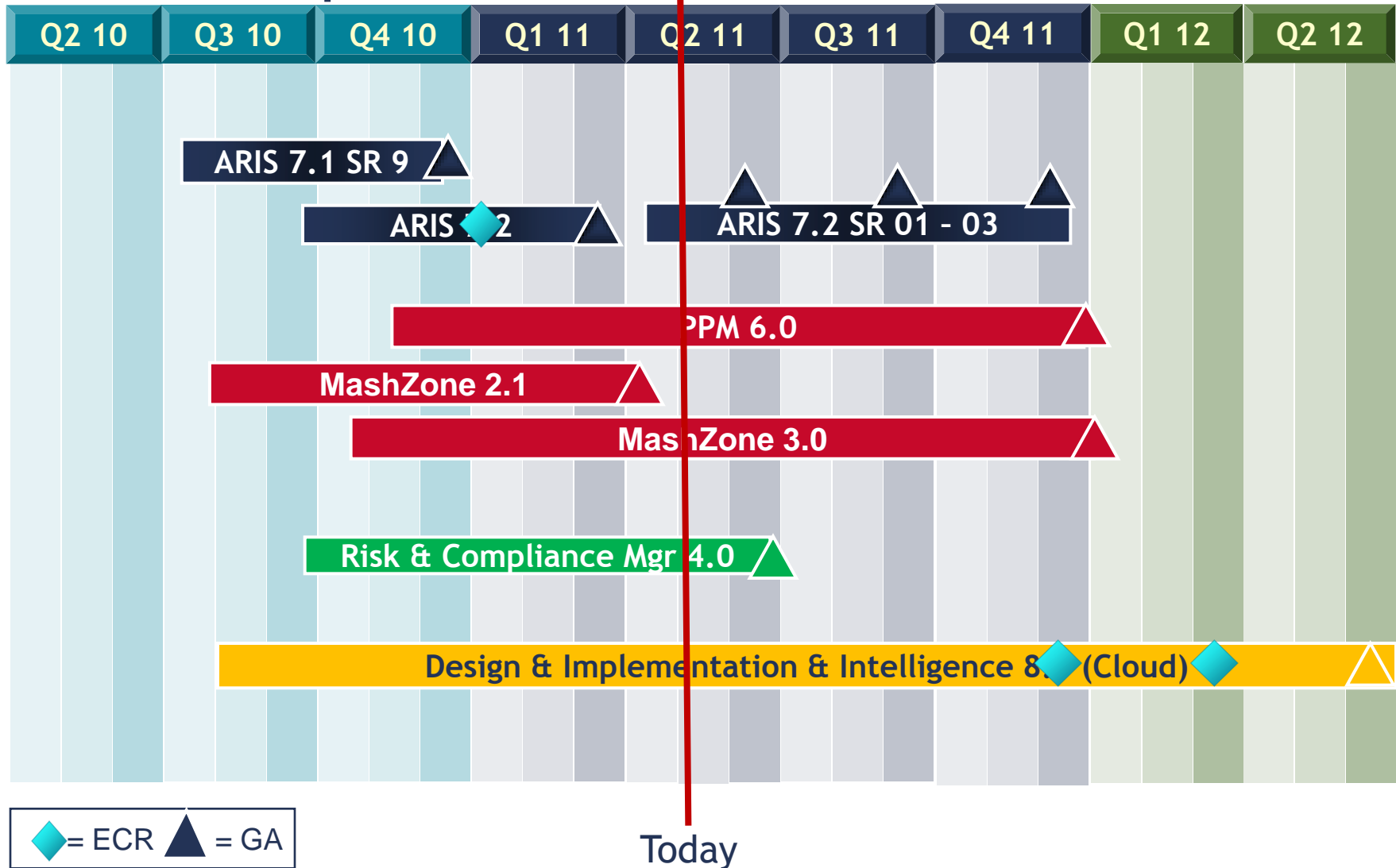


What comes next...?

ARIS Roadmap & ARIS 8.0



ARIS Roadmap 2010-2012



ARIS Roadmap (1)

Business Strategy

- Enhance Strategy Mapping
- Strategy Dashboard

Business Transformation & Enterprise Architecture

- BPA/EA Intelligence
- Flexible Meta Model
- Extended BPMN 2.0 Support
- Model-to-Execute (Data, Services, Rules)

Processes to the People

- Improved UI and Perspectives
- Communication
- Collaboration

ARIS Roadmap (2)

Intelligence to the People

- New visualization gadgets
- Business Server Connectivity
- Event enabling
- Mobile Analytics

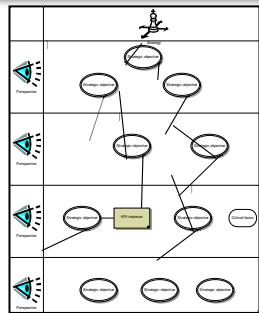
Extreme Collaboration

- Private & Public cloud deployment (e.g. multi-tenant)
- Social & Communities
- Light Web Client for Design (most likely HTML 5)
- Collaboration & Project Spaces

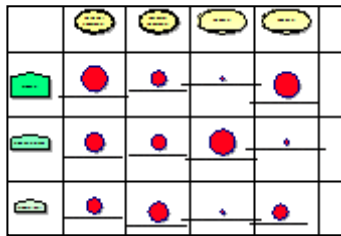
ARIS 8.0 Outlook Business Strategy

New Bundle: ARIS Business Strategy

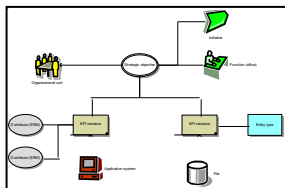
Design your Strategy



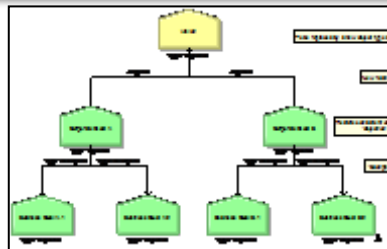
Strategy Map (BSC)



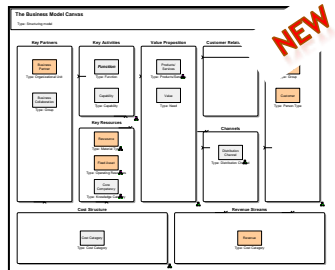
Business Segment Matrix



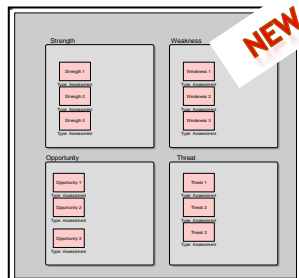
KPI Allocation
Diagram BSC/BMM



Objective Diagram (BMM)



Business Model Canvas
(Osterwalder)



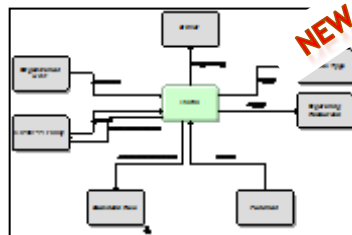
SWOT-Diagram (BMM)



Strategy Diagram (BMM)

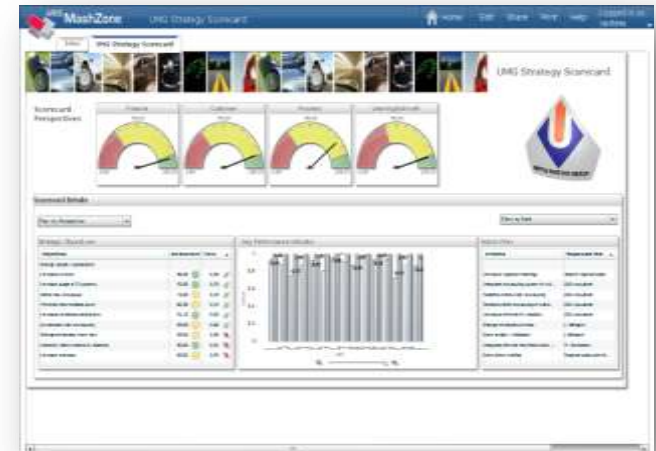


Roadmap Diagram



Strategy Allocation
Diagram (BMM)

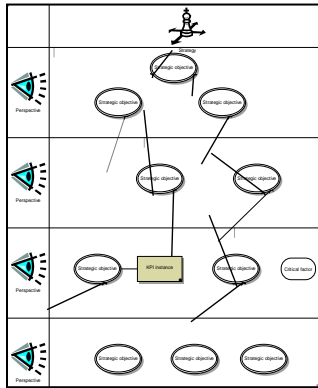
Control your Strategy



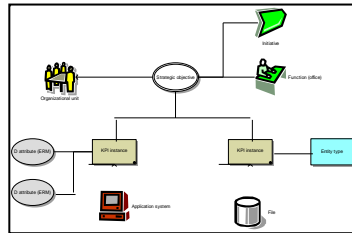
MashZone + predefined Content

New Model types

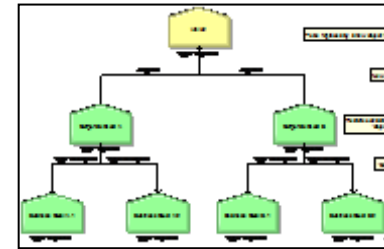
“ARIS Business Strategy” extends ARIS BSC to a more comprehensive package of strategic modeling facilities.



Strategy Map (BSC)



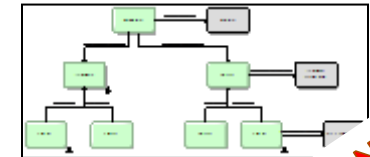
KPI Allocation Diagram (BSC/BMM)



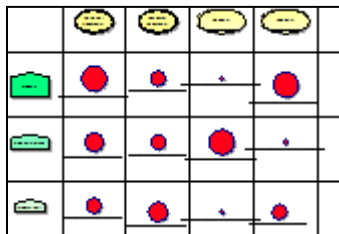
Objective Diagram (BMM)



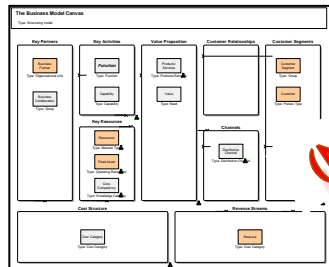
Roadmap Diagram



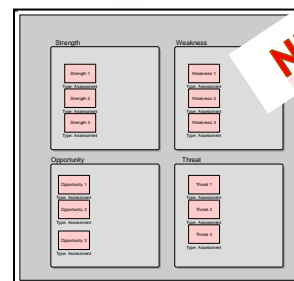
Strategy Diagram (BMM)



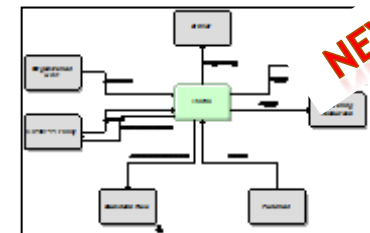
Business Segment Matrix



(Business Model Canvas)

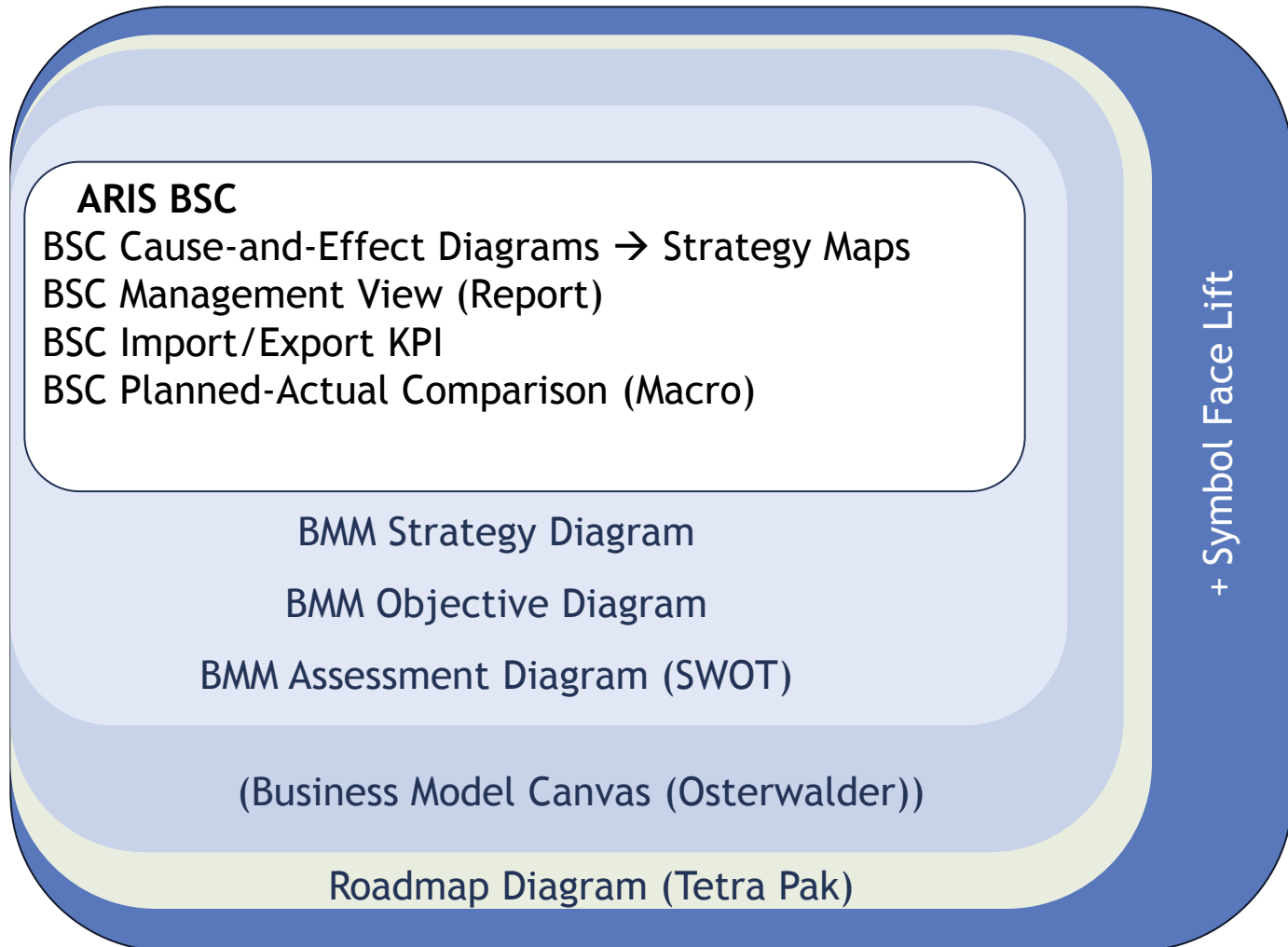


SWOT-Diagram (BMM)



Strategy Allocation Diagram (BMM)

“ARIS Business Strategy” extends ARIS BSC to a more comprehensive package of strategic modeling facilities



ARIS 8.0 Outlook

Business Transformation & Enterprise Architecture

BPA/EA Intelligence & flexible meta model



- Advanced analytics based on ARIS repository data
- Easy definition of user-defined queries
- Flexible result and view visualization
- Flexible reporting of ARIS data in reporting tools like Business Objects/Crystal Reports and Cognos.
- Definition of your own meta model

Advanced analytics & flexible meta model highlights

Stakeholder-oriented analytics

Enable various stakeholders to create user-defined comprehensive analytics on ARIS repository data

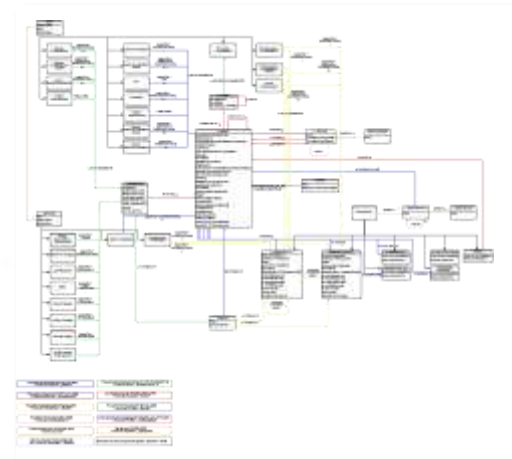
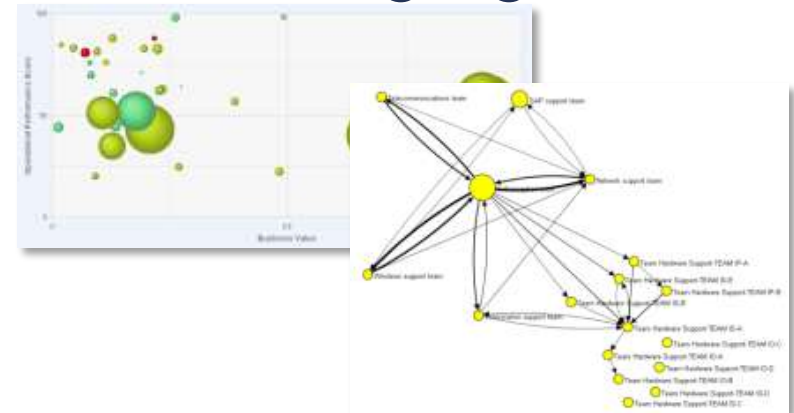
Enhanced composition of analysis

Flexible and easy querying, reporting and view generation

Meta model definition

Configure the ARIS meta model. Add new artifacts, connections and models and thus create an own meta model

Improved, user-oriented analysis and faster results



Flexible description of your organization

Advanced Analytics: Three different actions

- Definition of queries
- Definition of templates
- Visualization of the result



Query



Template



Result

Flexible Meta-Model - Functional Enhancements Planned

Create new meta model

- An existing meta model (ARIS framework, BPMN, ...) can be enhanced or a complete new one can be defined (new object types, new connection, ...).

Store, export and import meta models

- The new meta model can be stored, exported and imported. Thus it can be shared with others.

Merge existing meta models

- Existing meta models can be merged to create a new one or to consolidate different approaches.

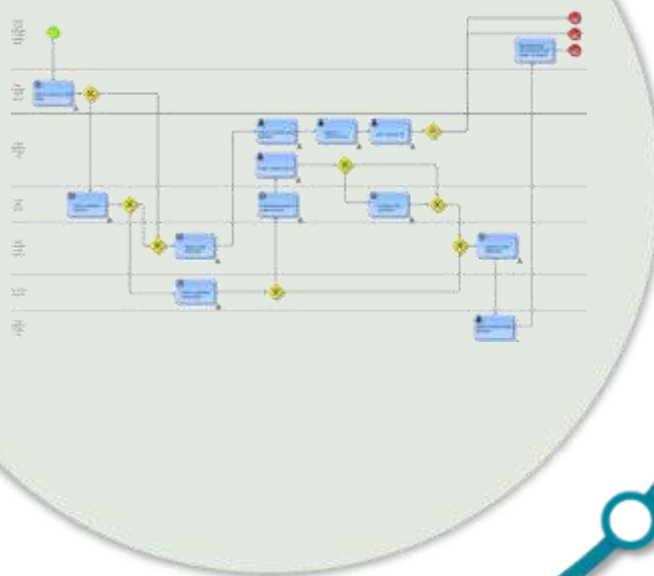
Copy of meta models

- Existing meta models can be used to derive new ones. This can be done by using a copy functionality.

Conflict handling (backup/ restore)

- The used meta model is also part of every ARIS database and will be handled in the case of a restore by a conflict management.

Extended BPMN 2.0 support



Full conformance for process modeling with BPMN 2

Expanding of standard EPC functionalities to BPMN

BPMN import & export extension

BPMN-based evaluations

Enhancing BPMN modelling for business modelling purposes

Extended BPMN 2.0 support Highlights

Method extension for BPMN 2.0

Integration with existing ARIS views and methods for business process management and process execution

Enhanced BPMN functionalities

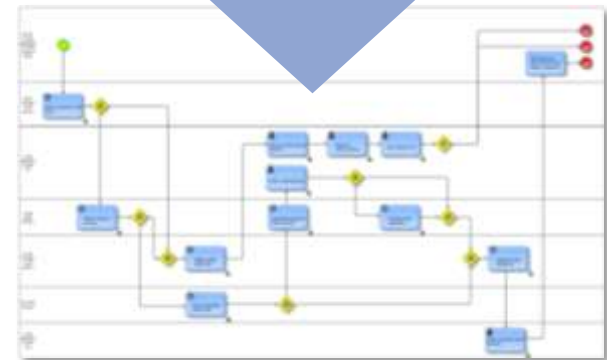
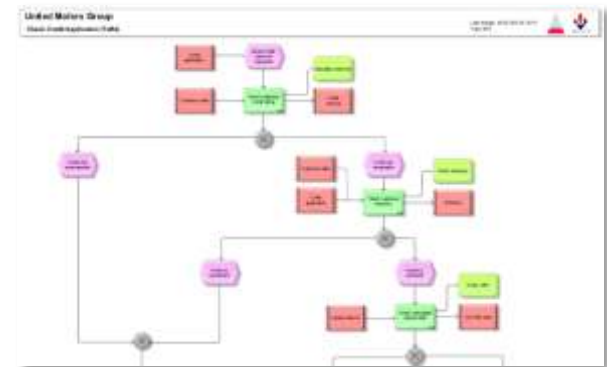
Using existing EPC evaluation reports and simulation capabilities for BPMN

Extended process model exchange

Support of synchronization of BPMN with SAP Solution Manager and XML as standard import/export format

Extended modeling capabilities for business and technical users

Facilitated exchange of process information



Model-to-Execute - Functional Enhancements Planned

Business Rules integration

- Integration of Business Rules handling from ARIS Business Level into wM Designer
- Modeling wM Business Rules in ARIS processes

Data modeling integration

- Modeling data flow in ARIS on business level and detailed technical level and transfer to wM Designer process flow

ARIS 8.0 Outlook

Processes to the People



Improved ARIS User Interface and Perspectives

- Collaboration
- Improved, state-of-the art user interface
- New explorer handling and easy access to ARIS content
- Context-based and stakeholder-oriented perspectives
- Faster information retrieval and presentation

New UI and Perspectives Highlights

State-of-the art user interface

Tab-based and context-sensitive user interface

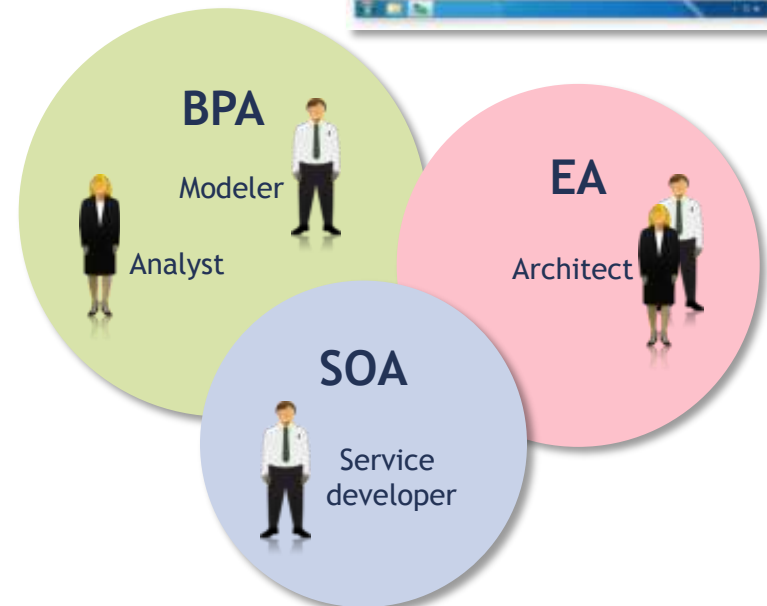
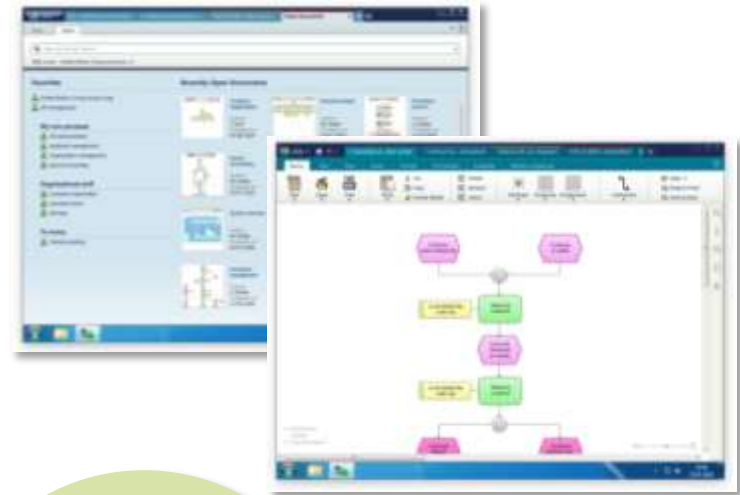
Context-based perspectives

Limitation of functionalities related to working context (i.e. BPM, EA) and user requirements (i.e. modeler, analyst)

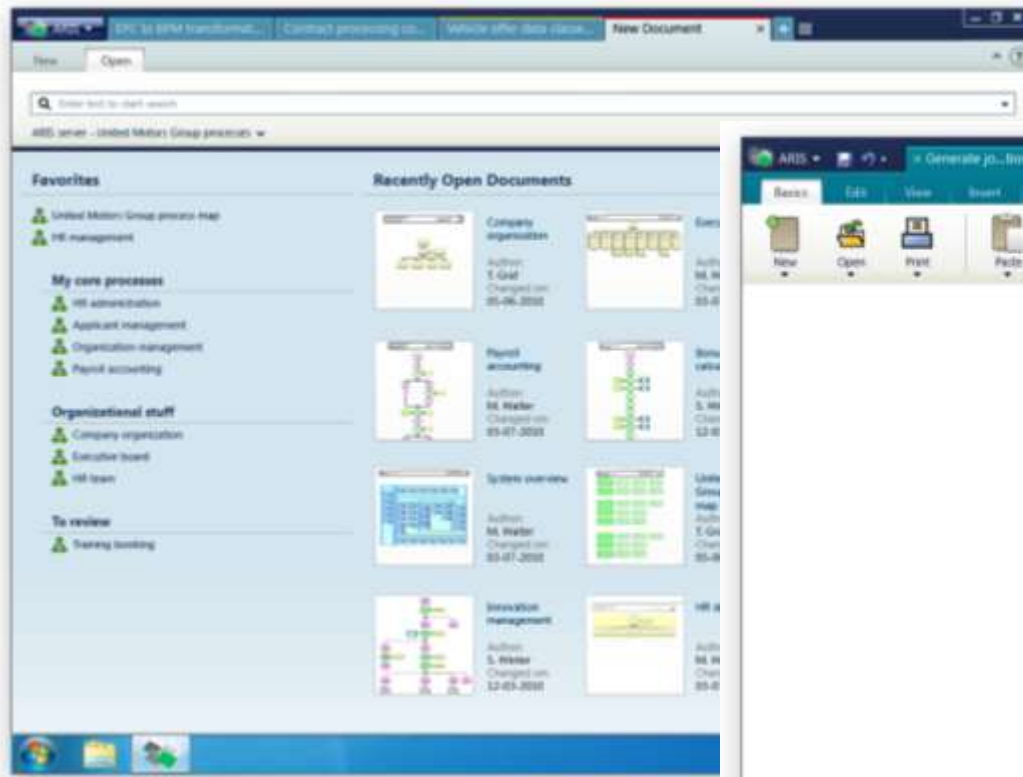
ARIS Rocket Search integration

Easy and fast discovering of information without methodology knowledge

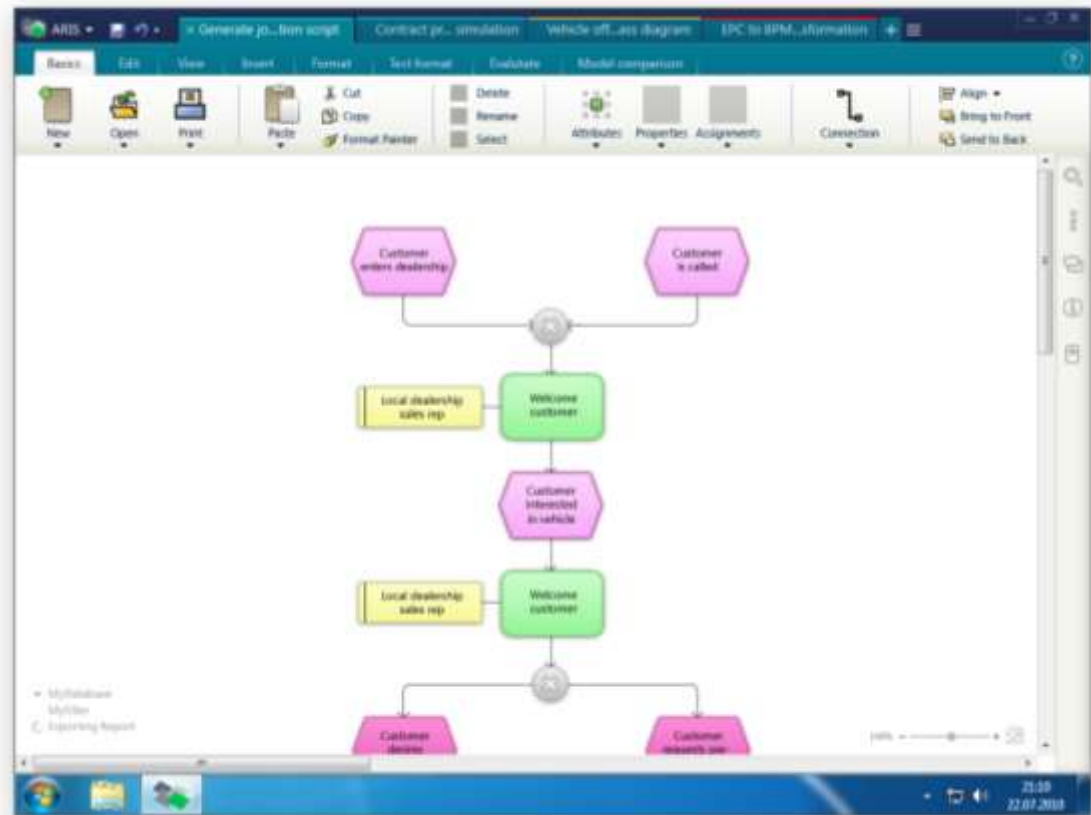
Improved user-friendliness and better work-support



Next Generation BPM: ARIS Cloud Solution - Cloud-ready in Sept 2011; ARIS 8 coming mid 2012



Thin client of ARIS 8 in HTML5
(prototype)



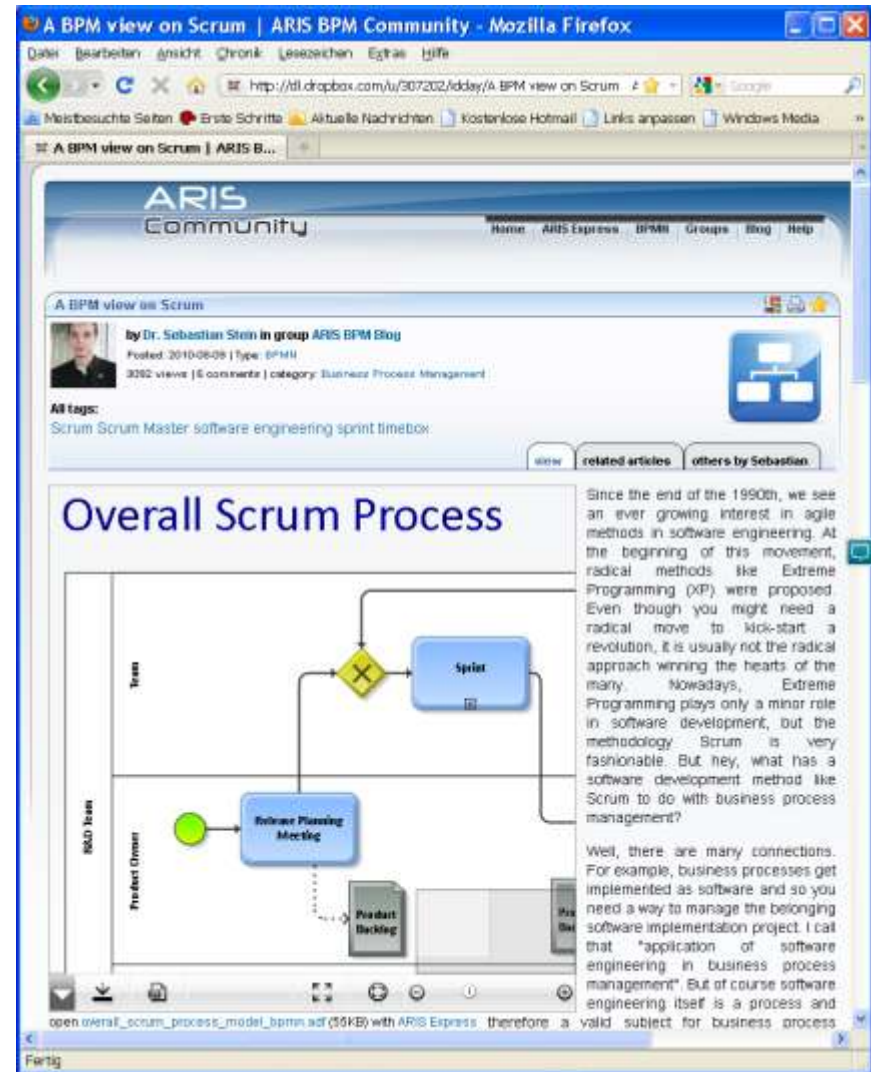
Model Viewer (Q1 2011)

Before:

ARIS Express models in ARIS Community are size-limited pictures only

Modelviewer

- Provide “Google map” like navigation in models
- Embed models in your own web pages
- First steps in BPA Cloud Initiative (Thin Client, Technology, etc.)





Processes to the People Communication

- Business role related visualization of information
- Flexible integration in existing portals
- Module-based composition of content
- Web-like presentation and navigation
- Interaction and collaboration

Processes to the People Communication highlights

User-specified content presentation

Business-context related view on content composed of self-defined modules

Web-like visualization and navigation

Easy-to-navigate and flexible content representation based on ARIS Rocket Search

User interaction and collaboration

Discuss and exchange model information in the process publication

Easy-to-use and highly configurable visualization of company content

Increased productivity as well as higher portal usage and acceptance



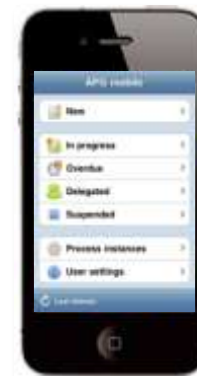
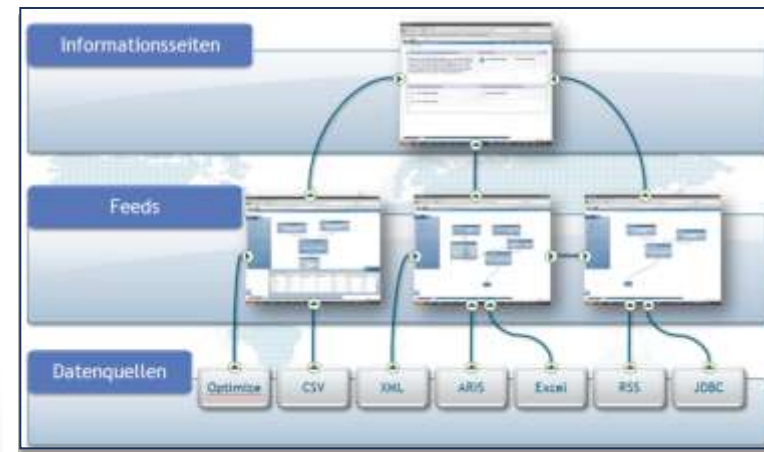
Process publishing highlights

Flexible Integration through configuration

Customizing of look & feel through system-aided configuration

Interaction and collaboration

Direct adjustment of process content within the process publishing through workflow integration



Easy-to-use and configurable process visualization

Increased productivity as well as higher portal usage and acceptance

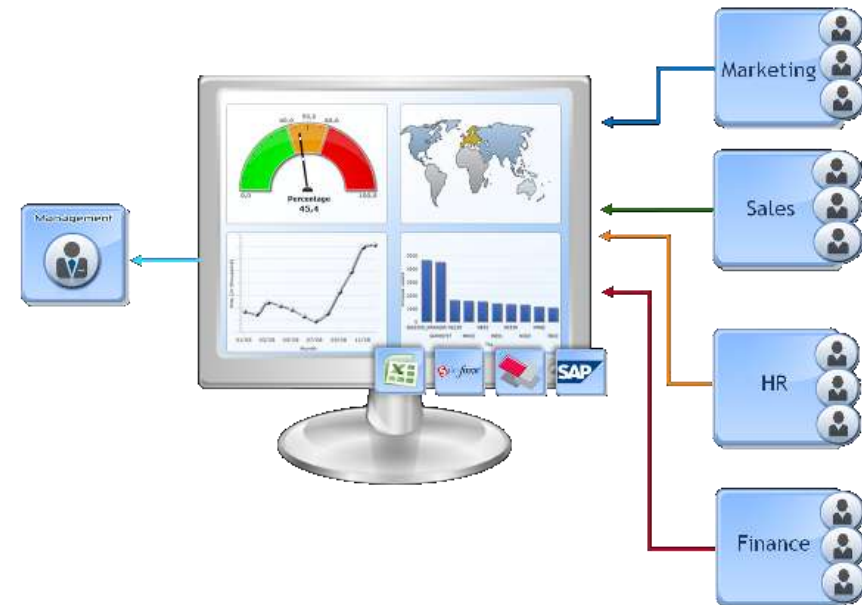
ARIS 8.0 Outlook

Intelligence to the People - ARIS MashZone

MashZone 2

Available since September, 14th 2010

- Enterprise Edition
 - ▶ Advanced license model
 - ▶ Anonymous MashApps
 - ▶ LDAP - Active Directory integration
- Visualization
 - ▶ Google Maps™ Integration
 - ▶ Flexible polygon maps
 - ▶ Base-lining
 - ▶ PPM-charts
- Data sources
 - ▶ ARIS Business Server Connectivity
 - ▶ webMethods Optimize data source
 - ▶ JDBC integration



MashZone 2.1

MashZone 2.1 is a minor release which improved in various areas

- CEP dashboard for webMethods Business Events
 - ▶ MashZone Event Edition introduces webMethods Broker data source
 - ▶ wM Business Events bundle includes MashZone Event Edition
- Google improvements
 - ▶ Layered maps (region, route, points)
 - ▶ Address lookup
 - ▶ Google authentication
- SSO capabilities to embed MashApps within My webMethods
- New additional platform supported: red hat & SUSE Linux
- New distribution channel: MashZone setup is available via SAG installer
- Chart colors became customizable via templates or data driven
- Export any chart as bitmap or its data as text files
- Copy and Paste within MashZone Composer

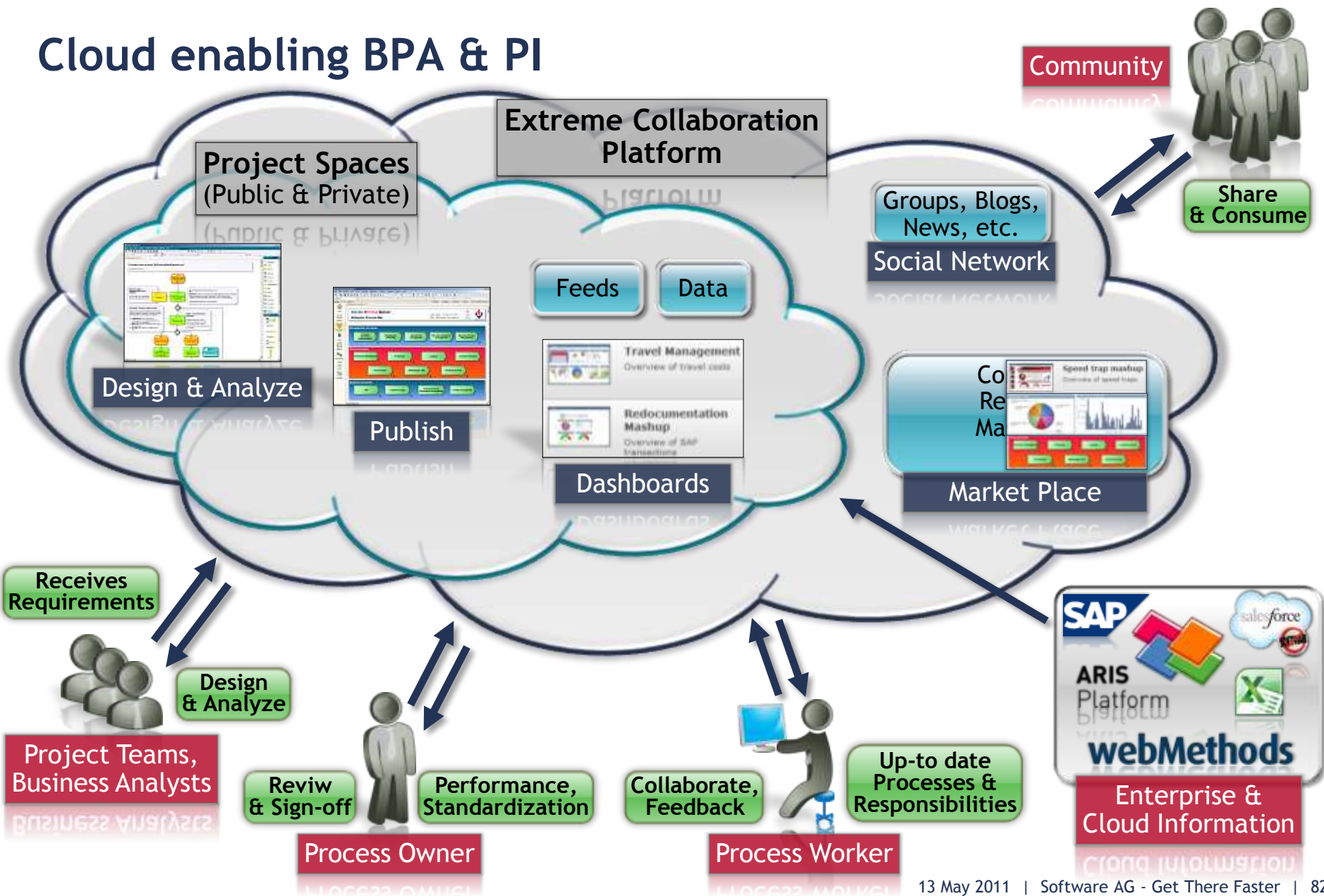
MashZone 3

Planned for Q4 2011

- Performance Dashboard replacement
 - ▶ Feature catch-up
 - ▶ Widget Grouping / Library
 - ▶ Migration path
- Additional Visualizations
 - ▶ Widget to navigate relations, e.g. graph and network
- Mobile Analytics
- SOAP - SAP BW data source
- Theme builder

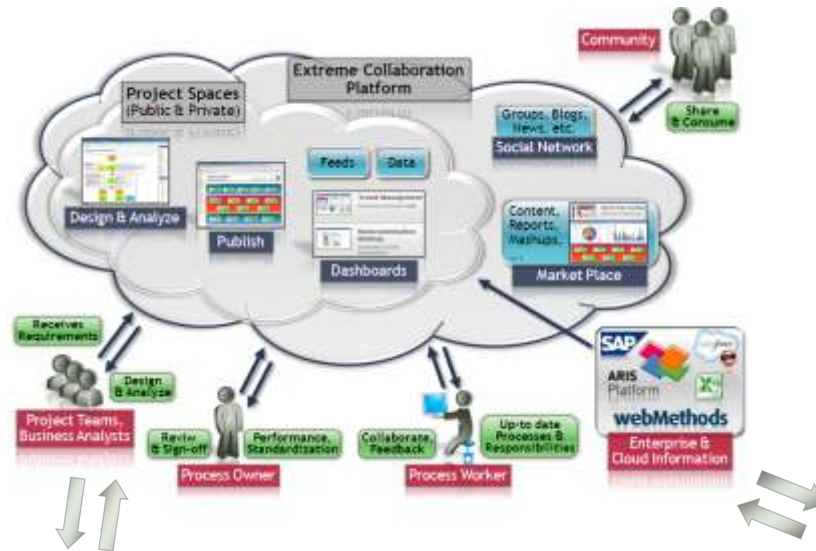
ARIS 8.0 Outlook Extreme Collaboration

Cloud enabling BPA & PI



Mobile Scenarios

To complete our Cloud Strategy



Mobile BPA

Viewing
Sign-off
Job-description
Guidelines



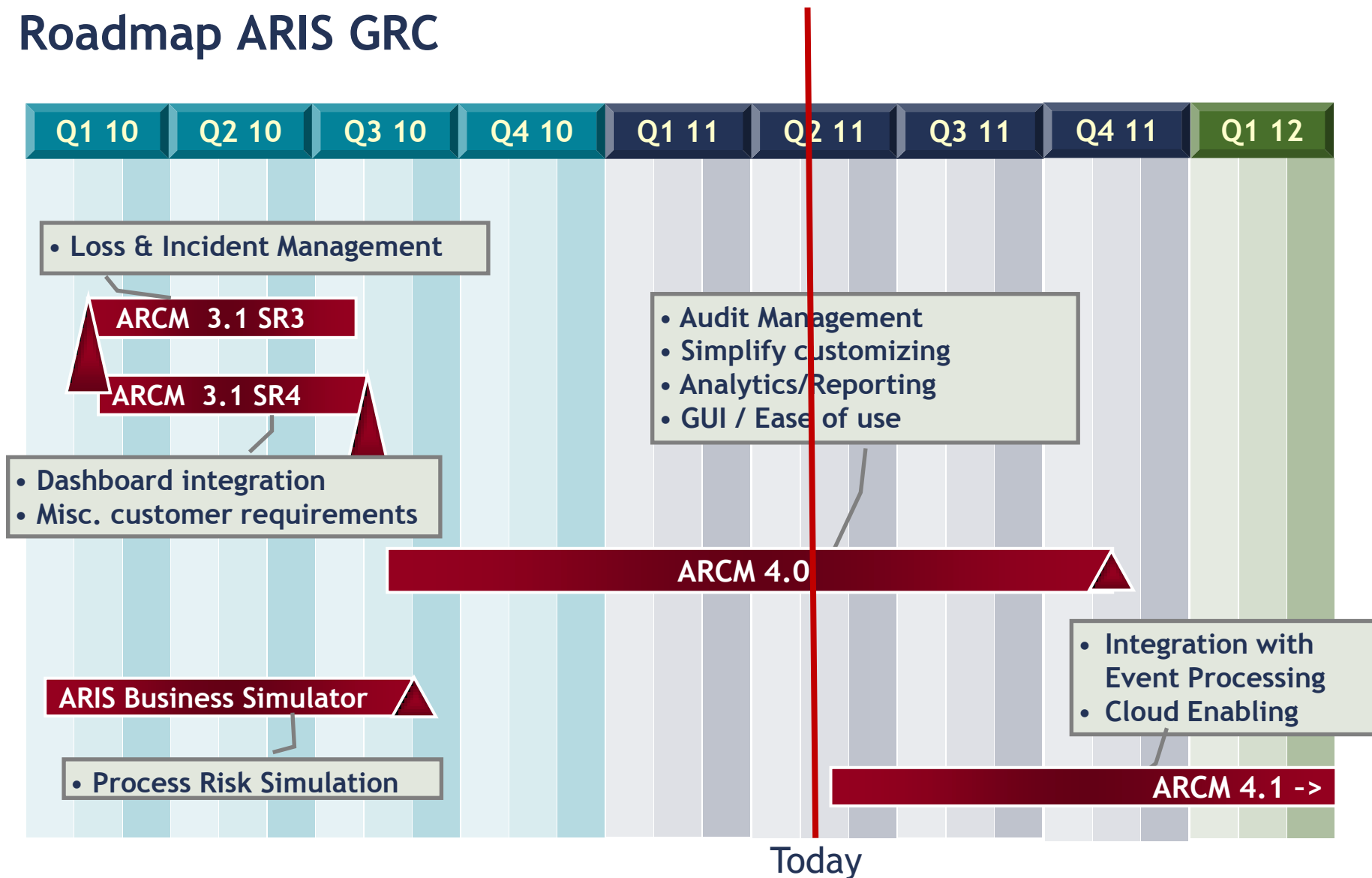
Mobile PI

Dashboards
Alerts
PI App Store



Governance, Risk & Compliance Roadmap

Roadmap ARIS GRC



Thank You Very Much!

