ARIS - 20 Years of Innovation
Use cases of an Enterprise Repository

- Implementing Business Applications
- Business Process Transformation
- Enterprise Architecture Management
- Quality Management (Six Sigma)
- Risk & Compliance Management
- SLA Management
- Business Performance Management
- Service-Oriented Architecture
- Software Engineering

Enterprise Reality
Main Technology Drivers

Cloud

Mobile

Social/Collaboration

Information/Big Data

Big Forces

NoSQL
Hadoop

Social Computing
Internet of Things
ARIS Releases & Timelines

Q1 12
ARIS BPA / EA / for SAP 7.2
ARIS PPM 5.1
ARIS MashZone
ARIS GRC 4.1

Q2 12
ARIS Connect

Q3 12
ARIS BPA / EA / for SAP 9
ARIS PPM 9
ARIS MashZone 9

Q4 12

Q1 13
ARIS GRC 9
Business Model Canvas: Plan new business models

- **Customer segments**
- **Value Propositions**
- **Customer Relationships**
- **Channels**
- **Revenue Streams**
- **Key Partners**
- **Key Activities**
- **Key Resources**
- **Cost structures**
- **Key Resources**
- **Key Activities**
- **Value Propositions**

*October 24, 2012 | 10*
The best things are simple...

**One ARIS client - plus extension packs**

- **ONE ARIS client for**
  - Strategy & Performance Management
  - Six Sigma
  - Business Process Modeling / Analysis
  - Simulation
  - Enterprise Architecture
  - Process-driven SAP
  - M2E / Process Automation
  - Process Governance
New UI and Perspectives

- State-of-the-art user interface and improved user-friendliness
  - Browser-like navigation
  - Create new document by clicking on +
  - One tab for each “document”
  - Tabbed toolbar
  - ARIS Explorer as separate tab and in the tool panel
- Integrated Business Rules
- ARIS Rocket Search integration
- Context-based perspectives
Perspective = Topic(s) + Working environment

- Activate and de-activate license key components with related methods and functionalities via selection of TOPICS
- Reduce complexity via pre-defined working environments

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Select working environment

- Business Process Analysis
  - Provides the basic Business Process Analysis functionality

- Strategy & Performance Management
  - Description for Strategy & Performance Management

- Six Sigma
  - Description for Six Sigma topic

- Enterprise Architecture Management
  - Description for "Enterprise Architecture Management"

- Process-driven SAP
  - Description for "Process-driven SAP"

- Simulation
  - Description for Simulation

- Process Automation
  - Description for "Process Automation"
Advanced Analysis

- Access the data of the ARIS repository in a flexible and easy way and do comprehensive analytics on this data
- Flexible reporting of ARIS data in standard reporting tools
- Flexible and easy querying, reporting and view generation within ARIS products

Comprehensive ad-hoc analysis

Graphical query builder

Query

Create multiple results
ARIS Spreadsheet

- Quick and easy capturing / maintenance of attribute values
- Simple, excel-like calculations in ARIS for decision making
- Integration with new powerful capabilities (Advanced Analysis) and products (MashZone for visualization)
- Support of planning scenarios based on structured ARIS models with calculation formulas and spreadsheet templates
Flexible Meta model

- Configure and enhance the ARIS meta model
- Wizards to easily expand the meta model with new artifacts, connections and models
- Support of company specific meta model in ARIS
- Extending standardized frameworks like TOGAF possible
Model-to-Execute
Open BPM
BPM-Gap between Business and IT

Business-focused Process Transformation
- Business Analyst
- Process Owner
- Business Line Manager

IT-focused Process Automation
- Integration Engineer
- Process Developer

Business Process Model

Technical Process Model

BPM Gap
Keeping Business and IT in synch

Business Process Model

Technical Process Model

Business Analyst
Process Owner
Business Line Manager
Integration Engineer
Process Developer

ARIS Platform

Business-IT Alignment by
- EPC-2-BPMN Transform
- Governance Workflow
- Model Roundtripping
- Conflict Resolution
- Diff-Merge View
- Automated Notification
- Ad-Hoc Collaboration
- BPMN-2-EPC Transfer

webMethods
Model Synchronization between Business and IT

Business View

Technical View

Automatic transformation

Conflict resolution

Highlighting changes

Controlled synchronization

1:n mapping

Full Model Traceability
Process Implementation with ARIS

Model-based service development

Business services

Business processes

Logical services

Techn. BPMN processes

Service import

Process round trip

Process export BPMN 2

CentraSite

Technical services (WSDL)
Process assets

Process execution

webMethods BPMS

Process execution

IBMs, Fujitsu, SAP

Access external services

Synchronization SAP SolMan*

* EPC- or BPMN-based
Enterprise Architecture: Stakeholder-Oriented Viewpoints

CIO / CTO / IT Executives
IT Strategy, Time to Market, Business-IT Alignment, Evaluate & Control IT Cost

Enterpr. Archit. / IT Landscape Planner
IT Portfolio Planning, Standardization & Harmonization

System Mgrs / Technology Architects
Maintain / Describe Business Applications & Technologies
Key capabilities in ARIS GRC

Modeling and Process Risk Simulation
- GRC Architect
- Employee
- Compliance Manager
- Operational Risk Management
- Risk Manager
- Policy Management

Publishing
- Employee
- CxO

Dashboarding
- CxO

Survey Management
- CxO

Sign Off Management
- Employee

Incident and Loss Management
- Employee

Issue Management
- Auditor

Audit Management

Automated CCM, CRM, CEM
(Continuous controls monitoring, continuous risk monitoring, continuous exception monitoring)

Monitoring and Reporting

Partners
Cloud/ (web) Apps
Packaged Applications
Databases
Application Servers
Mainframes
Audit Management

Audit Planning

Audit Preparation

Audit Execution

Audit Reporting
Policy Management

- Policy Documentation and Mapping
- Policy Approval
- Policy Attestation
- Policy Reporting
Real-Time GRC

Cover external & internal requirements to business

Identify Risks and define efficient controls

To be process

Business reality

- React to incidents as they happen
- Monitor risk indicator thresholds to ensure your valuations hold true
- Test controls based on full scope instead of samples
- React to process or control deviations in time instead of at year end
- Document control exceptions and measures

Monitor KPI’s/KRI’s and respond to deviation

Compare model and reality continuously

Monitor control exceptions & process deviations
Process Intelligence
Plan your business strategy

Vision / Strategy

Key Success Factors

Objectives

Key Performance Indicators

Business Processes

Measure the success

Plan
Process Intelligence

Visibility of Business Performance

MashZone

Critical Business Patterns & Root Causes

Process Performance Manager

(Re)act in Real-time

Optimize

Business Events

webMethods BPMS
“Cross Analytics”: Process + Data + Social

**Process Analytics**
- What is the ‘Cycle time’ for ‘Order-to-Cash’ for ‘Q3/2012’?
- Which processes lead to the most profitable deals?
- Is there a correlation between delivery reliability and process cost?

**Data Analytics**
- How much revenue increase?
- What is the ‘Revenue’ in ‘Q3/2012’ for the ‘Dealers in San Francisco’?
- Are the eye-catching peaks of complaint rates / maintenance cancellations?

**Social Analytics**
- How strong was the collaboration between Sales and Delivery teams during ‘Q1-Q3/2012’?
- How did the best sales teams collaborate?
- Which teams reached highest customer satisfaction?
Cross Analytics

Data Analytics

Event Analytics

Location-based Analytics

Process Structure

Key Performance Indicators

Combine Process with Non-Process data

Risk & Compliance Analytics

Enterprise Architecture Analytics

Organizational Analytics

Combine Process with Non-Process data

Quote has to be created

Contract has to be created

Create quotation

Create contract

X

1.000

0.800

0.650
ARIS Connect

**Project Teams / Business Analysts**
- Design
- Analyze
- Receive
- Requirements

**Process Worker**
- Collaborate
- Feedback
- Up-to-date Processes

**Process Owner**
- Standardization
- Review
- Sign-off

**Community**
- Share
- Consume

**Design & Analyze**

**Governance**

**Collaborate**

**Dashboarding**

**Consume**
Collaboration Framework supports:

- Enterprise Microblogging
- Upload Files, Links and Images
- Activity Streams
- Mobile Connections
- Expertise Location
- Knowledge Base
- Organize Groups
- Company Directory
- Tag Topics
- User Profiles
- Applications
- Security
Consume related KPIs in a dashboard
Visualizations depending on role and content
Outlook: ARIS Apps

- Leverage ARIS assets from the repository into business tasks
- Focus on single use cases
- Persuade by intuitive user experience
- Run on multiple devices
- Integrate with other productivity tools and enterprise platforms
Thank You