

ARIS⁹ INNOVATION

THE FUTURE OF PROCESS HAS BEGUN

Get There Faster.TM

“Millions rely on ARIS when it comes to designing, publishing, analyzing and optimizing their processes. Now, ARIS 9 brings you even more innovations to keep your business agile. For the first time, ARIS customers will be able to collaborate using the **cloud, mobile devices and social networking to improve processes faster**. With ARIS 9, Software AG is making a very real contribution to the knowledge-based company.”

—Karl-Heinz Streibich, CEO, Software AG



WHAT'S NEW IN ARIS 9



The future of process has begun

In addition to changing business environments, businesses must also keep up with new technologies that change how we work every day. Social networking, mobile applications, big data/information and cloud computing have a huge impact on your employees, your processes and your IT.



Social: Users want to connect, communicate and collaborate to improve processes

ARIS 9 provides individual user perspectives combined with social networking capabilities allowing anybody to contribute to process improvement based on their unique skills and experiences. Finally, process improvement is for everyone!



Big Data/Information: Users want to analyze process content fast and easy

ARIS 9 is delivering advanced analytical capabilities allowing anyone to have the information that matters presented in any format required for faster and better decisions.



Mobile: Users want to consume, create, analyze and improve process content on their mobile devices

ARIS 9 presents process information and business dashboards via smart phones and tablet devices to enable process improvement on the go.



Cloud: Users want to leverage the wisdom of the crowd to improve processes

ARIS 9 introduces ARIS Connect, a new product in the ARIS portfolio that runs in a private cloud architecture in your data center. ARIS Connect combines process publishing and design with social collaboration to tap the full potential of "crowdsourcing" for process improvement.

ARIS 9—The Power of Social

Social collaboration dramatically changes the way people connect, communicate and collaborate, and it's impacting the way companies improve their business processes. With the new product ARIS Connect, enterprises can unlock the power of social collaboration for business and IT improvement. Supporting collaboration, anywhere and at any time, ARIS Connect also introduces a new HTML5-based client technology, providing access through smart phones and tablet devices.

Social collaboration brings many different stakeholders with different roles and skills together, each having different expectations and different requirements. ARIS provides every stakeholder with the right tool environment, product perspective, information, data and user interface to address his or her role-specific skills and needs. Stakeholders can adapt the tool to project-specific requirements, from meta models to UI configurations.

With social collaboration, you can:

- Host open discussions about processes, and build and join groups
- View any information in ARIS using your browser
- Visualize processes, applications and any other company-related information
- Watch an activity stream on the network
- Transform process models into easy-to-read Web pages

Built on an agile cloud infrastructure, ARIS Connect scales based on demand, helping you lower your total cost of ownership.

Process governance

Intense social collaboration needs strong governance. Not everyone should be able to modify every process. We recognized that intense collaboration implies the need for strong process governance. This is why we also extended ARIS Process Governance across the ARIS Platform to make process governance more people-centric.

New ARIS 9 innovations enable you to:

- Control governance processes for Model-to-Execute (M2E) initiatives and IT planning
- Extend control and dashboarding of governance processes
- Use process governance for new cloud-based modeling and publishing

New easy-to-use interfaces

If process improvement is for everyone, then anyone should be able to use the necessary tools. This is why ARIS 9 is easier to learn and use, thanks to a modern UI and clustered functionalities—similar to Microsoft® Office tools and Web browsers. With the new UI enhancements, you can:

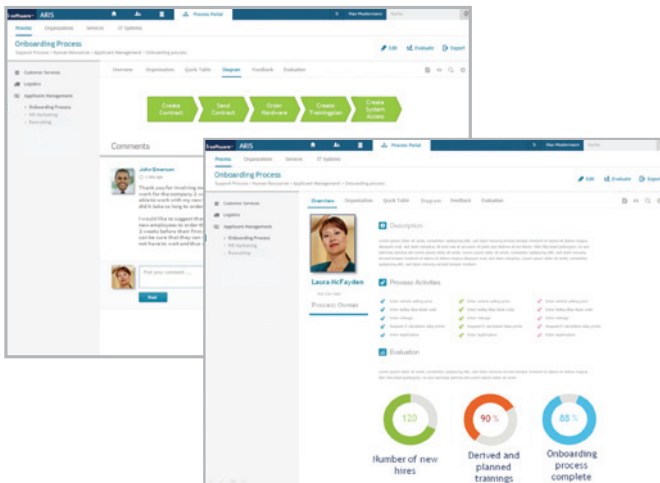
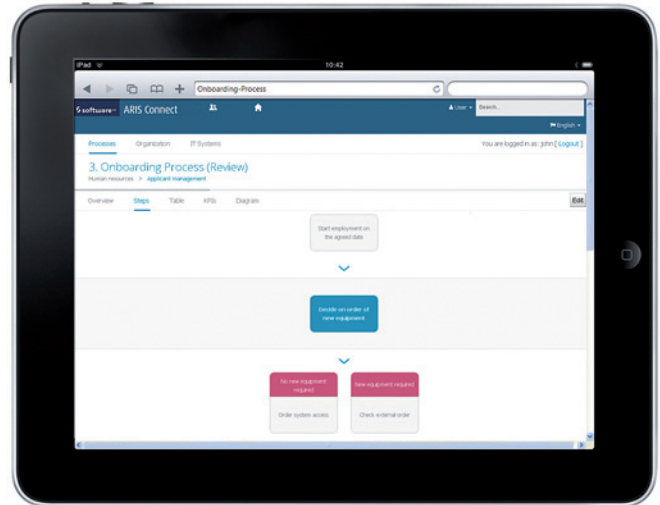
- Save time with shorter paths between features, more tips and intuitive handling
- Improve the setup of modeling conventions
- Improve the usage of filter configurations

Different user perspectives and the ability to choose one or more relevant topics—such as Business Process Analysis (BPA), Enterprise Architecture (EA) or Six Sigma®—result in automatic configuration of the UI according to role. This means a reviewer sees different tool capabilities than a process designer. An added bonus: With the new role-based UI, you need to install only one ARIS client.

ARIS 9—The Power of Mobile

Mobile-enabling your business processes can be a time-consuming and expensive task. Not with ARIS 9! ARIS Connect, a new product in the ARIS portfolio, introduces a new HTML5-based client technology providing access through smart phones and tablet devices. Now all stakeholders can directly access process portals by using their mobile devices. They cannot just view process models, but also suggest improvements using social collaboration capabilities.

Additionally, advanced analytic capabilities visually present individually selected business information and Key Performance Indicators (KPIs), which can be used interactively on any mobile device, supporting collaboration by anyone, anywhere, anytime.



We are also working on ARIS apps for mobile devices, such as exception handling, improvement management or risk capturing. Process improvement can now happen on the go.

“With ARIS, we have far more flexibility than before, so we can better support the needs of the various business areas across the enterprise”

Klaus Weber, Senior Director Risk & Internal Controls at Infineon Technologies AG

ARIS 9—The Power of Big Data/ Information

Today, expectations concerning business results have risen. Modeling activities need to be linked to the focus and vision of the business and must be communicated effectively to build a responsive, flexible organization. ARIS 9 provides results that matter to the daily business of all stakeholders, including advanced analytic capabilities, dashboard technologies, and spreadsheets and simulation capabilities.

Analysis

With ARIS 9, you gain a powerful tool to browse, analyze and evaluate all relevant information in ARIS to increase the value of your BPA and EA initiatives. You can:

- Access data in the ARIS repository easily to conduct comprehensive analytics using a three-step approach: Query – Template – Result
- Define queries with the help of a graphical query builder and define how the data will be visualized—for example, in Microsoft® Excel® spreadsheets, Microsoft® Word documents or ARIS MashZone dashboards
- Browse the database in real-time regardless of ARIS model definitions
- Design, save and update customized viewpoints based on browsing results

Spreadsheets

ARIS modeling has been enhanced with spreadsheet capabilities. You can combine attributes of ARIS models and objects with other data, and calculate for results that you can further analyze using ARIS MashZone dashboards. This ensures planning scenarios based on structured ARIS models, such as process-cost analysis, project management or simulation-based calculation. These are all supported with calculation formulas and spreadsheet templates.

BPMN 2.0 simulation

All BPMN 2.0 models have the same simulation functionality as EPC models. This gives you a less technical way to reengineer and automate processes.

You can:

- Simulate BPMN 2.0 models to assess as-is and to-be processes
- Conduct a quantitative analysis of BPMN 2.0 models via the dynamic animation of models and output of cumulated simulation statistics at run-time
- Create and deploy “what-if” experiments in BPMN 2.0 models to gain insight into the effects of factor variations—for example, see what happens if you remove a resource from a process

Integration with MashZone: Analytics anywhere

ARIS MashZone is now much more integrated into ARIS 9 and our process intelligence stack. ARIS MashZone introduces two new data sources: one to query ARIS repository contents and another for webMethods Optimize for Process.

The enhancements enable you to:

- Save time with single sign-on, cross-product navigation and out-of-the-box dashboards
- Visualize and publish data in interactive dashboards
- Gain insight into your ARIS repository by crafting analytical dashboards to reveal hidden dependencies and correlations
- Publish dashboards for the entire enterprise or specific departments

Unified process intelligence

For the first time, ARIS MashZone, ARIS Process Performance Manager, webMethods Optimize for Process and webMethods Business Events are based on the same performance data. A business user can:

- Interact seamlessly with Software AG's process intelligence tools
- Easily detect performance issues and visualize them in a dashboard
- Analyze and report on performance
- Receive alerts when processes get out of control

Cross analytics

ARIS Process Performance Manager offers enhanced process analytics and reporting capabilities so you can:

- Easily measure and monitor performance from data-driven, process-driven and collaboration-driven points of view
- Perform new kinds of performance analytics. You could, for example, set the performance of a sales process using the appropriate KPI based on the desired outcome, such as booked revenue.

Real-time risk & compliance management

ARIS 9 connects ARIS Risk & Compliance Manager and webMethods to integrate your business operations and Governance, Risk & Compliance (GRC) management.

You can:

- Respond in real-time to risk levels or control exceptions
- Automate GRC through continuous controls, risk and exception monitoring
- Gain transparency of every single process to make better decisions

Policy management

A new policy management workflow capability in ARIS Risk & Compliance Manager ensures a fully integrated solution for policies and GRC management.

You can:

- Establish a better culture of compliance and reduce risk by cross-referencing policies to regulations, risks and processes
- Map policies in a business context with clearly defined responsibilities
- Gather stakeholder approvals
- Publish official policies—and receive policy confirmation from employees
- Create comprehensive reports thanks to a seamless audit trail

ARIS 9—The Power of Cloud

ARIS 9 is delivering on Software AG's cloud strategy of being the leader in solutions that allow the mix and match of on-premise and cloud applications. ARIS Connect is built on a cloud architecture that scales up with the customer demand and also saves total cost of ownership through dynamic provisioning. Supporting a private cloud scenario, ARIS Connect can be deployed in your data center, combining maximum security with the scalability of cloud architecture.

An ARIS software-as-a-service offering for collaborative process improvement will be launched in the course of 2013.

Lower TCO through central administration, configuration and management

With ARIS 9, managing ARIS with one management console and one document storage system is a great option. The meta model will be completely open for configuration. Business users will enjoy a more seamless, solution-oriented and collaborative experience.

With ARIS 9, you can:

- Sign on once and use any ARIS product
- Centralize identity management—create, update and delete user data in one storage system
- Centralize license management and distribution to reduce workloads and data inconsistencies and to increase transparency
- Share and link documents across ARIS software
- Store all documents in one place
- Configure and enhance the meta model with new artifacts, connections and models—no more waiting for the next ARIS release
- Use wizards to define and manage specific meta models or expand existing frameworks, such as TOGAF™ with specific enhancements

ARIS 9—Easier to use and smarter to run

The development of ARIS 9 was heavily driven by the mega-trends social, mobile, big data and cloud. However, other demands shaped the new generation of ARIS products, as well. Many customers requested improvements in:

- Transformation of business processes to execution environments
- Mapping technical services to business processes
- Full support of Business Process Modeling Notation (BPMN™), including simulation
- Integrated business rules modeling
- Full interoperability with SAP®

Open BPM

To help you enrich process models with services, ARIS 9 adds CentraSite as a full-service registry, helping you integrate and connect service and process development life cycles.

Open BPM enables you to:

- Automate your processes on any target system
- Map CentraSite software services with ARIS business services to request service development
- Update and synchronize with CentraSite software services
- Generate BPMN process models from EPC process models based on preconfigured patterns
- Export BPMN process models, including software services, into a serialized XML format that can be fed into any BPM system that runs on BPMN

Better BPMN

ARIS was among the first to support a BPMN 2.0-compliant modeling methodology. ARIS 9 now even broadens support for BPMN so you can:

- Integrate BPMN process models into your ARIS process architecture
- Create and edit lanes more comfortably
- Export your process as a BPMN 2.0 file

- Synchronize BPMN processes with SAP® Solution Manager
- Generate test cases from BPMN process models
- Visualize your process discovery results in BPMN notation
- Transform EPC models into BPMN 2.0 diagrams automatically
- Trace changes from one model to another
- Keep EPC and BPMN 2.0 models in sync

Business-level rules modeling

In ARIS 9, we have incorporated ARIS Business Rules Designer into the new ARIS Architect. This means that business rules design will be a standard feature of ARIS Architect, and every ARIS user can model processes using business rules. In addition, you can specify rules logic as a decision table facilitated by new spreadsheet functionality.

Innovations for SAP®

ARIS 9 offers innovations that improve process-driven SAP projects. Features for ease-of-use and flexibility speed up your time-to-value. We've expanded our scope so you can:

- Upload any document stored and linked in ARIS to SAP® Solution Manager using bi-directional exchange of various documents. This gives the project team additional process-related documentation for configuring SAP and can be used to automatically create and upload required documents
- Use all ARIS for SAP functions with BPMN 2.0, including SAP-related process modeling, the SAP® Solution Manager short-cut concept, process-driven testing and publishing, and use either EPC or BPMN as the process-modeling method
- Centrally manage all relevant data for multiple projects, thanks to administration improvements.
- Use ARIS Test Designer improvements to enhance cross-model loops, select events, capture VACD-based test paths, and more

Get started on your future with ARIS 9 today

Analysts have recognized ARIS for decades as leading the market in BPA, EA and GRC. Millions of users today rely on ARIS when it comes to designing, publishing, analyzing and optimizing their business and IT landscapes.

This strong experience combined with social, mobile, big data/information and cloud technology will make ARIS the premier business and IT design tool for years to come. Tapping the full potential of social collaboration will enable all stakeholders to collaborate to use the wisdom of the crowd to run your business better than ever before.

Start the future of process in your organization today. Talk to your Software AG representative to see how ARIS can make the most of your business processes.





About Software AG

Software AG helps organizations achieve their business objectives faster. The company's big data, integration and business process technologies enable customers to drive operational efficiency, modernize their systems and optimize processes for smarter decisions and better service. Building on over 40 years of customer-centric innovation, the company is among the top 10 fastest-growing technology companies in the world and is ranked as a leader in 15 market categories, fueled by core product families Adabas and Natural, ARIS, Terracotta and webMethods. Learn more at www.SoftwareAG.com.

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