

# Process Intelligence for Natural & Legacy Applications

## UNLOCK PROCESS INSIGHT TO IMPROVE YOUR CORE BUSINESS APPLICATIONS

In business, you can't manage what you don't measure. In the past, organizations could judge their performance based on a few standard indicators—revenues, profits, cash flow—but in today's competitive environment more is required. For your business to succeed, your processes must work as effectively as your technology and your people.

You have critical process insight—contained in the custom applications you've built with Adabas and Natural—that makes your enterprise unique. Understanding how to access this information can help you take your business to the next level of success. With Process Intelligence for Natural and Legacy applications, it's easy for you to leverage the irreplaceable insight contained in your core applications to improve your processes—and your business.

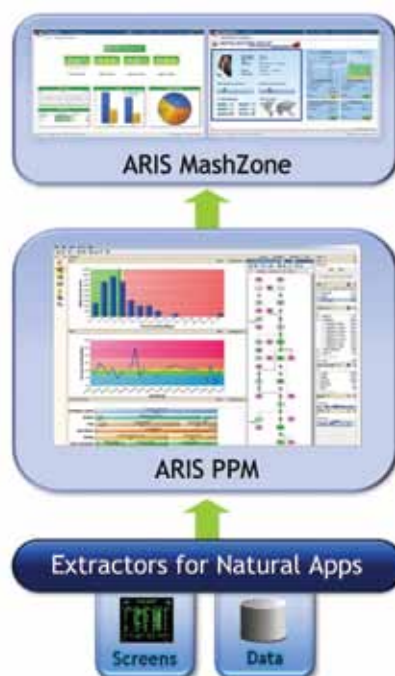
Process Intelligence for Natural and Legacy applications allows you to see and understand how your processes operate across core applications. It helps you measure, manage and improve business process performance—even if your core applications comprise a million lines of code and your processes span thousands of screens and hundreds of users!

Using Process Intelligence for Natural and Legacy applications, you can:

- Identify process weaknesses and hot spots for improvement using pre-established KPI benchmarks
- Extract process data from Adabas and Natural applications—in a non-invasive way
- Increase knowledge through mashup dashboards—no programming required
- Improve productivity, profitability and business performance using actionable process insight
- Ensure transparency with process discovery
- Resolve process deficiencies with process analytics

### PROCESS INTELLIGENCE FOR NATURAL AND LEGACY APPLICATIONS

Extractors collect process data from your custom applications. ARIS PPM uses that data to reconstruct your business processes automatically. ARIS MashZone then displays the process data in a graphical dashboard. No programming required.



FEATURE	WHAT IT IS...	WHY YOU CARE...
Process discovery	<ul style="list-style-type: none"> <li>• Visualize process execution based on data from Adabas and Natural extractors.</li> </ul>	<ul style="list-style-type: none"> <li>• Collect process insights without significant time and effort</li> <li>• Jump-start business improvements with actual empirical data</li> </ul>
Process analytics	<ul style="list-style-type: none"> <li>• Reveals each stage using a date/time stamp</li> <li>• Reveals aggregated process information</li> <li>• Identifies deviations from the norm</li> </ul>	<ul style="list-style-type: none"> <li>• Eliminate process bottlenecks by fixing the root cause</li> </ul>
Process data extraction from screens	<ul style="list-style-type: none"> <li>• Records user sessions from Natural, COBOL and other screen-based apps</li> <li>• Makes it easy to define ARIS PPM events using the Software AG Eclipse framework</li> </ul>	<ul style="list-style-type: none"> <li>• Gain insight into how employees use processes</li> <li>• Business people can define events—little training required!</li> <li>• Save time with wizards that guide you in mapping user activities in even the most complex process flows</li> </ul>
Process data extraction from Adabas	<ul style="list-style-type: none"> <li>• Supports more than 400 custom data type conversions, including Natural dates and packed fields, as well as periodic groups</li> </ul>	<ul style="list-style-type: none"> <li>• No one knows Adabas better than its inventor—Software AG—so count on reliable extraction of process data using a tool custom-tailored to Adabas</li> </ul>

## HOW IT WORKS

Process Intelligence for Natural and Legacy applications includes:

- ARIS MashZone—easily combine and analyze data and Key Performance Indicators (KPIs) using business mashups—no programming required
- ARIS Process Performance Manager (PPM)—quickly see where you can make improvements and expand best practices using automatic process discovery to create benchmarks that can measure speed, cost, quality and more
- Process Extractors—effectively extract data from custom applications with any of the two types of process extractors

The Screen Process Extractor records screen-based terminal user sessions and offers you the ability to exclude certain potentially sensitive data, such as passwords from the recording. It captures KPI data from screens exchanged with the application during process execution and stores it in an XML format. Moreover, you can collect this information across Natural, COBOL and other screen-based applications.

Historical process data can be easily accessed with the Adabas Process Extractor. It will collect the KPI information from process-related changes that have occurred in Adabas opera-

tional data. Then the extracted process events will be stored in an XML file format.

All extracted data is imported from CSV or XML into ARIS PPM to enable you to analyze the performance and structure of your business process. ARIS PPM gives each process instance a unique identifier and shows how processes rank according to your KPIs. Using ARIS MashZone, you can render this data in an easy-to-understand dashboard and drill down to specific performance data as well as a combination of KPIs simultaneously.

## GET THERE FASTER WITH PROCESS INTELLIGENCE FOR NATURAL AND LEGACY APPLICATIONS

### Count on fast results

Install extractors to quickly and easily read data from ARIS PPM. No coding is required, and all complexity is hidden.

### See end-to-end process performance

Collect process data from your Adabas, Natural and other legacy applications to gain insight into how an entire process operates. Combine this intelligence with process data from webMethods, SAP and other sources to improve overall performance regardless of the type and number of applications at work. With ARIS MashZone, you can quickly create dashboards that make it simple for you to visualize process performance.

## Measure actual process performance

With Process Intelligence for Natural and Legacy applications, you can measure and compare actual “as-is” process performance results to “planned and executed” performance forecasts.

## Improve processes across your organization

With Process Intelligence for Natural and Legacy applications, you can use KPIs from all core processes to help you benchmark data across different departments, countries, regions and offices, which will help you identify and implement best practices globally.

For more information on process intelligence, visit [www.process-intelligence.com](http://www.process-intelligence.com)

To find the Software AG office nearest you, please visit: [www.SoftwareAG.com](http://www.SoftwareAG.com)

## ABOUT SOFTWARE AG

Software AG is the global leader in Business Process Excellence. Our 40 years of innovation include the invention of the first high-performance transactional database, Adabas; the first business process analysis platform, ARIS; and the first B2B server and SOA-based integration platform, webMethods.

We offer our customers end-to-end Business Process Management (BPM) solutions delivering low Total-Cost-of-Ownership and high ease of use. Our industry-leading brands, ARIS, webMethods, Adabas, Natural, CentraSite and IDS Scheer Consulting, represent a unique portfolio encompassing: process strategy, design, integration and control; SOA-based integration and data management; process-driven SAP implementation; and strategic process consulting and services.

Software AG – Get There Faster

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