Intrum
is a model
company.

Intrum Justitia is the first organization worldwide having modernized its core business application exclusively based on executable UML® and ARIS EPC models

Legacy modernization & total business agility in 9 months

Intrum Justitia

Intrum Justitia is Europe's leading Credit Management Services (CMS) group, with revenues of approximately SEK 2.9 billion and around 2,900 employees in 24 markets. The group offers a wide range of services from credit information to invoicing, reminders, collection, debt surveillance, purchased debt and specialized services related to credit management.

www.intrum.com

« Direct Model Execution enables unprecedented enterprise agility. Thanks to the E2E Bridge®, we now have a completely clear path from process to application. For the first time ever, business and IT are totally aligned via ONE shared executable blueprint. »*

Daniel Seiler

Finance Director
Intrum Justitia D-A-CH

Challenge

- Limited process understanding – no transparency
- Business/IT gap hard to overcome – no alignment
- Monolithic legacy app with many redundancies
- People dependent legacy code – high risk factor

Solution

- ARIS for process documentation and analysis
- E2E Bridge® to go from process to application
- One runtime – for process, logic and integration
- Direct UML® model execution – no coding

Benefits

- Maximum business agility and IT flexibility
- Business and IT share one common blueprint
- Use of UML® standard simplifies communication
- Drastic reduction of infrastructure requirements

Results

- Legacy modernization completed in 9 month
- 6-fold efficiency increase for cash flow process
- 2x better apps performance on smaller server
- 1,000 executable UML® models – no code
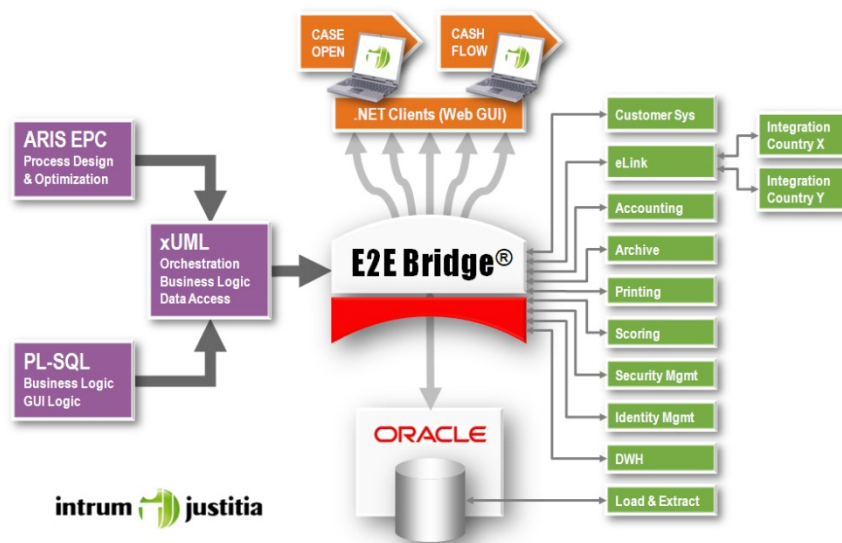- 1 million transactions per day

E2E®

Simply integrated.

Challenge

Nearly 10 years ago, Intrum had started developing its ReCash application to better address cash flow related operations, key processes within the company. Today the application is a competitive differentiator. It was developed in PL/SQL and Oracle Forms, mostly with external resources. Over time, local process modifications added to the complexity, leading to a large mono-lithic legacy application where data access and business logic were mixed up, documentation was always out of date, and where the dependency on external resources increased Intrum's risk and maintenance cost. Hence, the company decided the complete rewrite of ReCash. The challenge was twofold: firstly, simplifying access to data in a central Oracle database and, secondly, making modifications to the business logic, necessary due to country-specific process requirements, easier to carry out. This had to be implemented, however, without manually extending the PL/SQL code base.

Solution

Based on the process execution, application runtime and integration possibilities inherent in the E2E Bridge®, Intrum decided to transfer the existing PL/SQL code to executable UML® models. The models describe all processes and business logic clearly, for business and IT alike. Changes can be made directly in the UML® models, which are now both documentation AND code, making frequent changes readily traceable for all stakeholders.
By transforming the thoroughly documented process models from ARIS EPC into executable UML® models – complete with orchestration, business logic and data integration – and then executing these in real time, Intrum Justitia increased the flexibility of its IT infrastructure substantially, leading to massively improved business agility. Time-intensive and costly manual programming was completely eliminated and the ability to take action quickly across the entire company was markedly increased.

Results & Benefits

- ■ 6x efficiency gain for cash flow process, end users proficient in 30 min – not 3 months
- ■ Legacy modernization effort completed in just 9 months, resulting in future-proof SOA
- ■ ARIS EPC and executable UML® models provide shared business and IT blueprint
- ■ Use of standard UML® simplifies re-training for IT specialists to use E2E Bridge®
- ■ 2x application performance for end users, smaller server footprint for runtime infrastructure

www.E2EBridge.com