



## SUBSIDIARY OF NORWEGIAN DEPARTMENT OF FINANCE ACHIEVES 65 PERCENT REDUCTION IN IT OPERATING EXPENSES

### Challenge

Statens Innkrevingsentral's legacy mainframe solution was functionally fine, but too costly to operate, and was responsible for a loss in competitiveness. This exposed the institution to risk at a time when it was asked to dramatically lower operating expenses.

### Solution

The SIRI system, a collection and ledger system, was developed based on a combination of standard and internal solutions using the webMethods Enterprise Service Bus (ESB).

### Benefits

The new solution saves Statens Innkrevingsentral 10-12% of total costs and allows for the implementation of new claim types without any further development.

Statens Innkrevingsentral is an executing subsidiary of the Norwegian Department of Finance. The main function of Statens Innkrevingsentral is to collect money for fines, damages and debts, mainly for state and government agencies. As a last attempt, fines and debts can be collected through an automatic monthly deduction from the income of Norwegian civilians. The organization interacts with most Norwegian State Departments such as the tax collection office and banks.

Get there faster.™

**“The implementation of the new system reduced collection and ledger IT costs by more than 50%. This is equivalent to a reduction of 10-12% of our total costs. In addition to this, if we incur the steadily increasing costs of the legacy mainframe system into the calculation, our IT costs are down by 65%.”**

Per Waage | Director General | Statens Innkrevingsentral

### A mainframe solution too costly to operate

Statens Innkrevingsentral was struggling with a legacy mainframe solution that was functionally fine, but did not measure up to modern solutions and was too costly to operate. The institution called upon its own organization and partners to carry out an analysis to outline the requirements in detail. This analysis was the basis on which all parties involved designed the final solution, a new collection and ledger system. This new system would provide Statens Innkrevingsentral with the desired reduction in operating expenses and ensure the implementation of new claim types without further development.

### A best-of-breed solution

Statens Innkrevingsentral partnered with Norwegian-based companies Component Software and Bouvet to develop a new component-based, best-of-breed system. “In accordance with our regeneration strategy, the best solution was to be based on some standard solutions, some customization and some development by Statens Innkrevingsentral itself. We felt Component Software and Bouvet would be the best partners for this project, also because they could deliver some of the best-of-breed solutions we needed, such as the webMethods product suite and Informatica’s PowerCenter,” said Per Waage, Director General at Statens Innkrevingsentral.

The development of the new system, called “SIRI system,” was split into three parts:

- SIRI accounts receivable and ledger: a new system developed from scratch to replace the Bull-based mainframe system
- Letter module: the development of a module to handle large-scale automated series of letters and invoices
- Integration and development using the webMethods product suite

The new SIRI system ensures that a number of business processes within Statens Innkrevingsentral now run fully automated.

Now claims entered in the front-end source system as flat files are integrated into interface tables in the SIRI ledger system. And the process of printing numerous standard invoices and letters is fully integrated and automated as well. Finally, fines and penalty processing are transferred automatically to the Fine and Penalty Management System, a database for the Norwegian Police.

### Some common properties of the integrations

The “Front End” and “Front-End Payments” integrations are designed so that they may handle virtually any size files. The webMethods product suite is capable of handling files of more than 1GB within a single integration process.

An extended business transaction logging functionality has been developed to provide comprehensive monitoring and tracking of all integrations.

The finalized SIRI system employs functionality that allows individual adaptation of the different claim types, and invoices, reminders, installments, collection by force, grace periods and reimbursements. All of this is controlled by parameterized settings on the claim type and action type.

The SIRI project organization was formed with an initial goal to develop a pilot system, which would go into production within three months. The goal of the pilot was to cover a few new claim types that would be unprofitable to add to the legacy system. The development of the fully functional SIRI system commenced immediately after the successful deployment of the pilot. The system was delivered five months ahead of schedule, within budget and with the expected quality.

### Higher flexibility and lower costs

Statens Innkrevingsentral now runs a collection system that is flexible and cost-effective. All of the relevant business rules are parameterized so that the implementation of new claim types can be deployed in a matter of weeks. Statens Innkrevingsentral has moved into the leading edge of the market with a modern, robust, scalable, flexible and cost-effective solution.

#### KEY COMPONENTS

##### webMethods ESB Platform

The webMethods ESB Platform combines proven application integration capabilities, high-speed messaging, support for B2B, legacy applications and event-driven technologies to create the most complete integration infrastructure available.

#### ABOUT SOFTWARE AG

Software AG is the world’s largest independent provider of Business Infrastructure Software. Our 4,000 global customers achieve measurable business results by modernizing and automating their IT systems and rapidly building new systems and processes to meet growing business demands.

Our industry-leading product portfolio includes best-in-class solutions for managing data, enabling service-oriented architecture, and improving business processes. By combining proven technology with industry expertise and best practices, our customers improve and differentiate their businesses – faster.

Software AG – Get There Faster

© 2008 Software AG. All rights reserved. Software AG and all Software AG products are either trademarks or registered trademarks of Software AG. Other product and company names mentioned herein may be the trademarks of their respective owners.