



Controlling Project

Management Summary

IPSWAYS successfully implemented a controlling system for global research and development planning at a major international chemicals company. The particular challenges posed by this project involved the content-related implementation of the customer's requirements by a global, international project team for a group of users from different countries around the world. Thanks to its many years of experience transacting projects of this nature and its highly-qualified team of experts, IPSWAYS completed the JAVA-based implementation, focusing on the integration of existing custom solutions and legacy systems such as SAP, on schedule.

Objective

Secure and up-to-date information is essential for mission-critical decisions. In the past, this data was prepared on an individual basis by a handful of specialists and submitted to company management. Changes in the business processes, market conditions and product strategies often meant that the data required for decisions regarding research and development projects was not available on time.

The objective of the project described here was to significantly accelerate the decision-making processes and to provide optimized planned data and cost overviews with a view to sharpening the company's competitive edge.

Implementation

Both organizational and technical measures were necessary in order to achieve this goal. Organizational changes that had become inevitable were defined in close collaboration with the customer and implemented. Once the organizational foundation had been established, specific IT processes and workflows were implemented in a portal solution for these corporate business processes. Critical data was prepared for evaluation and graphical display purposes in specially designed databases.

Corporate profile

IPSWAYS is an independent software and consulting firm that develops systems to support mission-critical business processes. We aim to provide our customers with packaged solutions tailored to their specific requirements.

Consulting is often the first step towards creating a customized solution design. Important factors to be considered here include costs versus benefits and deploying technologies intelligently.

We boast many years of project-based experience in analysis and design, development, integration, and migration, backed up by our expertise with Java Enterprise Edition (JEE), Microsoft .NET and Business Intelligence (Cognos).

One of the most important features of these databases is that they are capable of calculating key performance indicators (KPIs), which can be compiled and evaluated according to a wide range of criteria. These multidimensional structures offer a fast and flexible means of summarizing data.

Representing the data graphically allows complex relationships to be visualized, providing a wider circle of users with a basis for making important decisions. JAVA-based Internet technology optimizes system distribution to the group of users located in different countries throughout the world. The conceptual design and technical services we delivered fall into the categories of Business Intelligence Systems (data modeling, data provision and transformation (ETL), reporting) and Data Warehouses. In addition to realizing the system, we also supervised its deployment and perform ongoing maintenance and enhancements.

Technology

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- JAVA platform
- ORACLE application server
- ORACLE database
- Cognos ReportNet

The tools and products developed by Cognos, in particular, give us the flexibility we need to adapt to changing business processes so that we can provide you with an optimum time to market. The Cognos platform allows users throughout the company to access important data quickly. Reporting processes can also be optimized. Cognos ReportNet makes operational processes more transparent allowing you to make well-founded decisions on time.

Below are just some of the reporting requirements that can be handled by ReportNet:

- Full integration in your security model
- Extreme scalability (on Windows and UNIX)
- Greater flexibility through web-based concepts
- Reports can be output as required
- Suitable for inexperienced users
- Reliable and proven user friendliness
- Reports created centrally, deployed globally
- Straightforward integration and automation

Our outstanding SQL know-how in the field of relational databases (for example, Microsoft SQL Server, Oracle and DB2) provides the foundation for deploying these technologies successfully.