



Business Analytics solution for Resolvo Systems

Business Transformed: Resolvo use Infinity's expertise to set high quality and rapid time to market standards.

"Time-to-market for international product deliverables has posed numerous challenges for Resolvo Product Development. Evaluating a competent outsourcing partner in the accomplishment of that objective has been a bigger challenge. Infinity's quality focus, exceptional, excellence & technology expertise combined with their flexible approach allowed us to implement this project in record time.

Infinity's focus on the ISV segment and Software Product Outsourcing offerings is a key element of Resolvo's commitments to our long standing and growing relationship"

-Yap Boon Leong, CEO

Resolvo Systems.

Customer Introduction

Resolvo Systems is a Resource Optimisation company providing product and solutions in the areas of Business Analytics, Office collaboration and Linux Infrastructure.

Resolvo is a strong advocate in the adoption of Open Source and Linux in achieving "More with Less" for its clients

Business Situation

Resolvo's customer, Shell Asia Pacific were looking for a business tool to gather and analyse the key performance information from all the asset clusters and allow them to monitor asset performance regularly. However, the long-term IT solution (which is SAP / Data warehouse) selected by Shell Group for this business situation can only be implemented over a longer term period. Without key information at hand, Shell management carries the risk of untimely execution of certain operational and management decisions.

Resolvo turned to Infinity to help them design a global KPI dashboard solution.

The Challenge

Infinity faced the following challenges in building the global KPI solution

1. Our first challenge was that information was disparate – located in systems across various countries. Management wanted a bird's eye view of this entire data segmented by business unit.
2. Need to understand the process of collecting data in various countries and coming up with a way for their management to view the data.
3. Aggregate the overall performance of the entire region as well as allowing management to drill down to individual country and asset level.
4. Incorporating different views of key information, e.g by specific hydrocarbon product types (oil/gas/condensate)

Case Profile

KPI Solution for Resolvo Systems

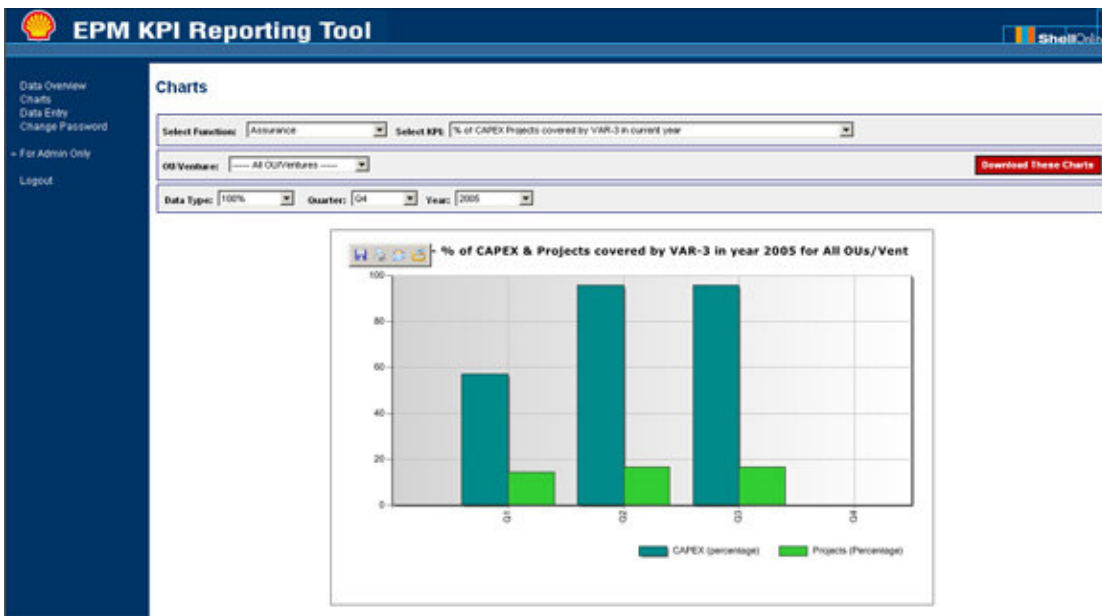
Duration:: 8 man months

Environment:: Windows 2003 Server System with Oracle 9i database, Visual Studio .NET 2003

Technology used:: Integration into Microsoft products, Graphing and charting tools

Services:: Product Design and development.

Results:: Improved overall efficiency to produce the reports, empowered management with more timely and accurate information at their fingertips.



Sample screenshot from the web based KPI solution. Data in the diagram is for illustrative purposes only.

6. Flagging of variances between the actual performance and the target in clear, easy-to-understand format to allow management to take appropriate actions quickly
7. Quick graphical charting of business information allowing management to compare historical performance easily

Infinity's Solution

Infinity developed an ASP.NET KPI Portal as the web front end to the solution. We used our reusable data Layer which supports Oracle currently, configurable to support SQL Server in the future with minimal changes. Office (Excel and PowerPoint) API was used to export charts into PowerPoint and allow Excel upload of yearly planned numbers. With this, the top management can very easily create presentations in a matter of few minutes.

JavaScript was used extensively for faster UI performance. One of the main value adds that we brought is to make the solution customizable and reusable across all modules thereby making it easier to engage with new prospects.

Solution Highlights and Results

- **Highly reusable and customizable:** The solution is easily reusable and customizable to help engage with prospective customers.
- **Improve efficiency by 25%:** At the ground level, it improved the overall efficiency to produce the same required information by an estimated 25%
- **Information at fingertips:** empower its management to make more timely and accurate decisions by providing them with acute and readily-available business intelligence
- **Create presentations in minutes:** Easily export charts and graphs into PowerPoint and allow Excel upload of yearly planned numbers.

infinity

Transforming businesses

Infinity is a Software Product Outsourcing company that helps ISVs and software companies build competitive products to achieve market leadership and product excellence.

Balancing time to market pressures and superior quality is our forte at Infinity, and that is the essence of the value we bring to our clients. We bring you the much needed technical expertise, outstanding people and quality processes to build great products, on time.

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