Enabling the Public Sector to Effectively Monitor the Provincial Oil and Gas Industry
Streamlined Analytics Via Upgraded ERP

Overview

Government agencies globally experience difficulties in monitoring and regulating the modern Oil & Gas industry. The government ministry with whom Raven Bay worked was no exception. With an aging ERP system that was unreliable and no longer trusted to deliver necessary insights, it was time to implement a new analytics platform.

The solution offered better alignment with the current industry practices, consolidation of reporting and ensuring the new system would be fully operational for years to come. Futureproofing the solution required end user training, an analytics security model, and environment upgrades.

The Challenge

The new data model for the ERP business application was large and involved more than 900 tables. It was imperative that the business application be analyzed quickly to meet the timelines required. The old model was much simpler and significant re-factoring was necessary.

The client had expressed they wanted the new version of the data warehouse to have a similar design to the existing warehouse. Therefore, there were limitations at times in moving to best practices.

Company Bio

Work was completed within a Provincial Ministry of the Canadian Government

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	Replaced Existing and Created New Reports	$600k	Savings from a Streamlined Team and Timeline		New and Futureproofed Analytics System

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The Solution

Raven Bay was engaged to improve the business analytics environment to accommodate the new system which uses Professional Petroleum Data Management Association's industry standards. This allowed the Ministry to:

- *Align with current industry practices like horizontal drilling*
- *Consolidate reporting in one place for efficient, accurate and convenient analytics capabilities*
- *With the help of Raven Bay, create new and replace existing reports along with ad-hoc querying*

The Results

By using Raven Bay's experience, skilled resources and iterative approach it was possible to deliver a new business analytics environment in half the time and with half the resources than originally planned. Legacy systems were retired ahead of schedule. The new data warehouse performed much faster and was accepted by the business.

The new data warehouse was to take 3 people 2 years, yet Raven Bay delivered the project in 1 year, saving over $600,000 from budget.

"We expected that it would take a skilled team over two years to perform all of the work, however Raven Bay was able to complete the majority of the project in less than 6 months. We never imagined Raven Bay would get through the work in this short amount of time"

About Raven Bay

As a full-service management consulting and analytics firm able to deliver solutions in both the business & technical realms utilizing the same set of resources; thereby shortening delivery timelines and providing more holistic solutions for our clients. Our proven methodologies & hands-on experience enabling organizations to achieve the benefits of an effective analytics program through this offering also accelerate the development & value realization of the unique Governance Model we will create for you.

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