SAP Business Objects for Analytical Reporting for a Mining Major

SITUATION

The customer wanted to design and develop extensions to the Corporate Data Warehouse (CDW) and BI platform. They wanted to bring together data from different SAP and non-SAP systems into the CDW so that it could be a unified source of information.

IMPACT

Lack of adequate visibility on inventory reports in the existing systems impacted the business and resources had to spend time to manually collate data from different source systems to create reports.

RESOLUTION

ITC Infotech integrated CDW with SAP Business Objects Data Services and SAP BO Reporting. This system could plug in new reporting tools without impacting the existing BI system. The solution further provided analysis and recommendations on reporting and performance improvements.

The Customer

The customer is an iron ore mining company in Western Australia. The business involves the development of a new generation of integrated iron ore mining, rail and port operations. It is expected to become one of the largest mining projects in Australia with the fully functional mining project expected to produce 55 million tons of iron ore per annum. The company has indicated and inferred reserves of more than 2.4 billion tonnes with an operating life of more than 20 years.

The Need

The customer's existing systems did not provide adequate visibility on inventory reports and the business had to spend time to manually collate data from different source systems to create reports. The customer was looking to:

- Design and develop extensions to the Corporate Data Warehouse (CDW) and BI platform that would meet the requirements of the inventory gap project

- Bring together data from different SAP and non-SAP systems into the CDW to make it a single unified source of information

- Identify options that would meet the current requirements and also cater to the considerations, plans and expectations of the future road map

- Efficiently review performance

- Implement enhancements such as CDW table indexing

The Solution

ITC Infotech provided the customer with the required solution that had the following main features and functionalities:

- Minimally intrusive design that could plug in new reporting tools that would not impact the existing BI system

- Analysis and recommendations on reporting and performance improvements

- Integrated CDW with SAP Business Objects Data Services and SAP BO Reporting

- Extensions to the existing CDW Architecture with options such as Only BOBJ, BO with Rapidmart, combination of BOBJ with ECC, etc.

Business Benefits

- Generate reports on demand and ad hoc basis

- Provide self-service feature on Business Intelligence tools

- Create a model for inventory gap analysis and reports

- Provide highlights on data quality issues

- Identify possible remediation for next enhancement phase

- Provide a highly configurable reporting service allowing self-service

- Reuse of ETL framework

- Minimized impact and shortened delivery time

ITC Infotech's Enterprise Resource Planning (ERP) Practice

ITC Infotech is a leading provider of cutting edge SAP Solutions helping clients leverage technologies such as HANA, Mobility, IoT and Analytics. As a Partner Edge partner, ITC Infotech co-innovates with SAP in key business areas including Supply Chain – Supply Chain Performance Management, in developing Mobility apps on the HANA Cloud Platform (HCP) and in developing IoT solutions for different business requirements.

Industry expertise, technical depth and commitment to completing projects successfully enables our 800 SAP consultants to deliver significant value across the lifecycle of SAP solutions for global customers.

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