

## Tricom's deliverables of Business Intelligence solutions providing high performance in Energy and Petrochemical sector...

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### Overview:

Client is one of the world's largest energy companies, providing its customers with fuel for transportation, energy for heat & light and retail services and petrochemicals products for everyday items.

### Challenge:

Client was looking for a solution that can help them leverage the vast amount of untapped, non-integrated data that are typically stored inside enterprise resource planning applications (SAP R/3) and that have considerable potential to improve performance. Other than that, client had specific requirements like:

- To transform floods of data into actionable insight to gain competitive advantage and drive growth
- Due to the growth and internationalization of its business, Client was also looking for a reporting tool that could extract data from multiple systems to produce a consolidated corporate view of finance, production and distribution along with drilling down capabilities to make better decision and to have optimum utilization of the resources
- To present the KPIs' of various departments in graphics rich dashboard so that their team can quick of their performance and can take corrective measures to improve the same

### Solution:

Tricom's team has given BI/DW solution to capture forward-looking information that could be implemented immediately to improve business processes and financial results.

Solution was based on SAP-BI with graphics-rich dashboard on BO xCelcius. It involved:

- Creation of Data-Warehouse by using ETL
- Deploying BI server for creating infocubes on defined KPIs
- Query processing and presentation of same on the graphics-rich dashboard
- Software and hardware measures to improve query performance and to have faster access of dashboard through web
- Key Performance Indicators including financial variations across business units and geographies, customer sales details, production & distribution parameters, competitor performance and aggregated financial information into a consolidated format, highlighting interdependencies between sales, profit-loss position, market position and overall corporate health to benchmark business results

### Benefits:

- Client has better option to view and publish comprehensive reports based on data from disparate sources
- Generating monthly AFE (Authorization for Expenditure) reports was a 16-hour, multi-day, activity due to the need to pull data from so many different sources and then proceed with an Excel-based analysis can be now be generated on demand within seconds
- Client can measure the performance of resources and make optimum utilization
- Client satisfaction increased to 28%
- Resource productivity increased to 32%