

## SAP BI/BO Implementation for Leading Offshore Oilfield Services Provider



### SAP BI/BO Implementation

#### The Summary

Client has Approached AG Technologies for SAP BI/BO Implementation Project and to make the Business Objects Reports/Dashboards available for the business users.

#### The Client

Client is India's prominent integrated offshore oilfield services provider offering a broad spectrum of services to upstream oil and gas producers to carry out offshore exploration and production (E&P) activities. From drilling services to marine and air logistics, from marine construction to port/terminal services and beyond, our client meets a wide gamut of the offshore requirements of an E&P operator. A major E&P operators in India as well as in the international waters of the North Sea, the Middle East, South Africa and South East Asia with its state-of-the-art vessels that include exploratory rigs, offshore support vessels, anchor handling tug supply vessels and a construction barge. We also provide port and terminal support services through a fleet of harbour tugs.

#### The Business Requirement

Client approached AG Technologies for Implementing the Business Intelligence Reporting solution in their existing SAP landscape so that the right and timely information is made available to the business users.

Also they wanted to have some highly intuitive Reports and Dashboards for doing high end analysis and can do what-if-analysis using Business Objects tools.

The business users wanted Reports/Dashboards for analyzing Sales ,Purchase , Stock, GL Balances, Customer outstanding ,Vendor Payables ,Cashflow etc.

#### The Solution

AG Technologies helped Client in implementing the Business Intelligence solution catering to their requirements. Crystal Dasboard Design (earlier Xcelsius) was used as a tool for building highly efficient, user friendly ,informative dashboards. SAP BI was used as backend analytics tool feeding data to Business Objects or acting as business Objects source system.

#### Project Summary

**Industry:** Offshore Oilfield Services

**Client Profile:** One of the leading Offshore Oilfield Services provider.

**Solution:** AG Technologies delivered the SAP BI /BO Solution for high end reporting needs.

#### Solution Benefit:

Business Intelligence Analytics solution gave the Great Offshore Team with single window (cockpit) having refined and ready information for daily/weekly /monthly analysis

## Solutions highlight are as follow:

### A) Business Blue Print:

1. Business Blue Print was prepared, listing out the business requirements and BI solution architecture.
2. Data flow diagrams were prepared, Reports structure and visual output was documented.
3. Crystal Reports and Xcelsius dashboard designs were prepared

### B) Realization:

1. BI objects and dataflows were developed as per Blueprint document
2. Reports were designed in BEx which were to be consumed by BO reports/dashboards.
3. Universes were created on BEx Queries from CMC
4. Crystal Reports were created using BI report as universe(Olap Connection)
5. Xcelsius dashboards were created over QWAAS connection (built on BEx Report universes.

### C) Training & Go-Live :

1. User Manual was prepared for providing the business users with single point reference document
2. User Training was given to business users (Admin) to monitor/maintain the BI/BO system on daily and perform day to day activities
3. User Training was given to business users ( Information Consumers) to analyze BI Reports in Analyzer, Crystal Reports, Xcelsius Dashboards and Webi Reports in Launchpad.
4. Setup tables were restructured /filled and data load was done for Logistics extractors (Sales, Purchase, and Production , Finance and Controlling etc.)
5. Meta Chains were created, incorporating local Process Chains for daily Master and Transaction Data Loads.
6. Initialization was done for all the active extractors and data was loaded to all the cubes and DSOs.
7. Process Chains were scheduled to run on daily/weekly/Monthly basis.
8. Testing was done at BI and BO layers and on users confirmation go-live was done successfully.

## Technology:

<b>SAP Solution</b>	: SAP BI 7.3,SAP BO 4.0
<b>Operating System</b>	: Windows
<b>Database</b>	: DB2

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