

SAP BI Implementation for Leading Textile Manufacturing Company



SAP BI Implementation for a leading Textile Company

The Summary

Client has Approached AG Technologies for SAP Business Intelligence (BI) Implementation Project and to make the Business Intelligence Reports/Dashboards and Management Cockpit available for the business users and senior management of two company Codes.

The Client

Client is one of the leading textile company in northern India having its corporate office at Punjab. The Client is mainly into spinning & dyeing (all types of yarns in different blends), manufacturing of fabric and garments. The client has plans to diversify in future but mainly in textile related activities. Accordingly, a joint venture has been entered into with Austrian based Company in March 2006 for setting up a yarn dyed shirting Project. The Client also acquired Europe's one of the premium shirting fabric brand. Client have production units at Bathinda, Ludhiana, Kolhapur and Sales office at Ludhiana, Mumbai. Delhi.

Client's Key Products :

- **Yarns**
- **Fabrics**
- **Garments.**

The Business Requirement

Client approached AG Technologies for Implementing the Business Intelligence Reporting solution in their existing **SAP / Non-SAP (Oracle)** 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 using Business Intelligence tools. The business users wanted Reports/Dashboards for analyzing Sales, Purchase, Stock, Expense, Cash flow and Production etc.

Project Summary

Industry : Textile

Client Profile:

Leading Textile Company mainly into spinning & dyeing of all types of yarns of different blends for fabric and garments.

Solution:

AG Technologies delivered the SAP BI Solution for high end reporting.

Solution Benefit:

Business Intelligence Analytics solution gave the client with single window (Management Cockpit) having refined and ready information for taking right and timely decisions to improve costs, production and efficiency.

The Solution

AG Technologies helped Client in implementing the Business Intelligence solution catering to their requirements. The Challenge was to harmonize the SAP and Non-SAP data and get Reports / Dashboards in BI Management Cockpit. Highly intuitive Reports with extreme slicing dicing features were created completely in SAP BI. SAP BI Extraction mechanism was used to extract data from SAP and Non-SAP sources and to Report it in Single Window (Management Cockpit).

Some Key Reports



SALES

- Daily/MTD/YTD Sales Report
- Daily/MTD/YTD Collections
- Budget Vs. Actual Sales
- Contract Price & Volume Trend Analysis
- Order /Delivery/Billing Analysis



Finance

- Ton N Expenses
- Customer Outstanding/Ton N Customers/Aging
- Vendor Aging/Outstanding
- Addition & Sale of Fixed Assets
- Funds Transfer to Other Units
- GL Balances



Production ,Stocks & Purchase

- Daily/MTD/YTD Production
- Stock Overview with Classification of Raw & Finished Materials
- Stock Aging for Batch and Non-Batch Materials
- Cotton Purchase Report
- Purchase Analysis by Purchase Org
- Material Price Trend

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. BEx (Business Explorer) Reports and Web Application Designer(WAD) dashboard designs were prepared.

B) Realization:

1. BI objects and data-flows were developed as per Blueprint document.
2. Reports were designed in BEx which were to be consumed by WAD Templates.
3. WAD Templates were created to host the BEx Queries and Graphs.
4. Business Server based Management Cockpit was created in ABAP to host the WAD Templates.
5. Management Cockpit with WAD Reports/Dashboards were hosted on existing Application Server of BI (*no separate Enterprise Portal was used, hence cost of Implementation was reduced*).
6. The realization covered the Reports and Dashboards development for both company codes (VPL & OFMH) simultaneously, hence decreasing the time of development and hence the cost.
7. It also helped in maintaining the same development standards for both the companies under Client.

C) Testing ,Training & Go-Live :

1. Complete Unit Testing, Integration Testing and User Acceptance Testing was carried out, to the satisfaction of the Client.
2. Reports were perfectly tallied with ECC tables/Reports to give complete confidence on the BI data.
3. User Manual was prepared and User Training was given to business users (Admin) to monitor/maintain the BI system on daily and perform day to day activities.
4. User Training was given to business users (Information Consumers) to analyze BI Reports in Analyzer.

Technology:

SAP Solution	: SAP BI 7.3
Operating System	: Windows
Database	: Oracle

The Solution Benefit

- Refined and ready information for making right and timely decisions to improve Production process.
- Decreasing Costs.
- Enhancing Performance of system
- Identification of Bottleneck areas of the process.