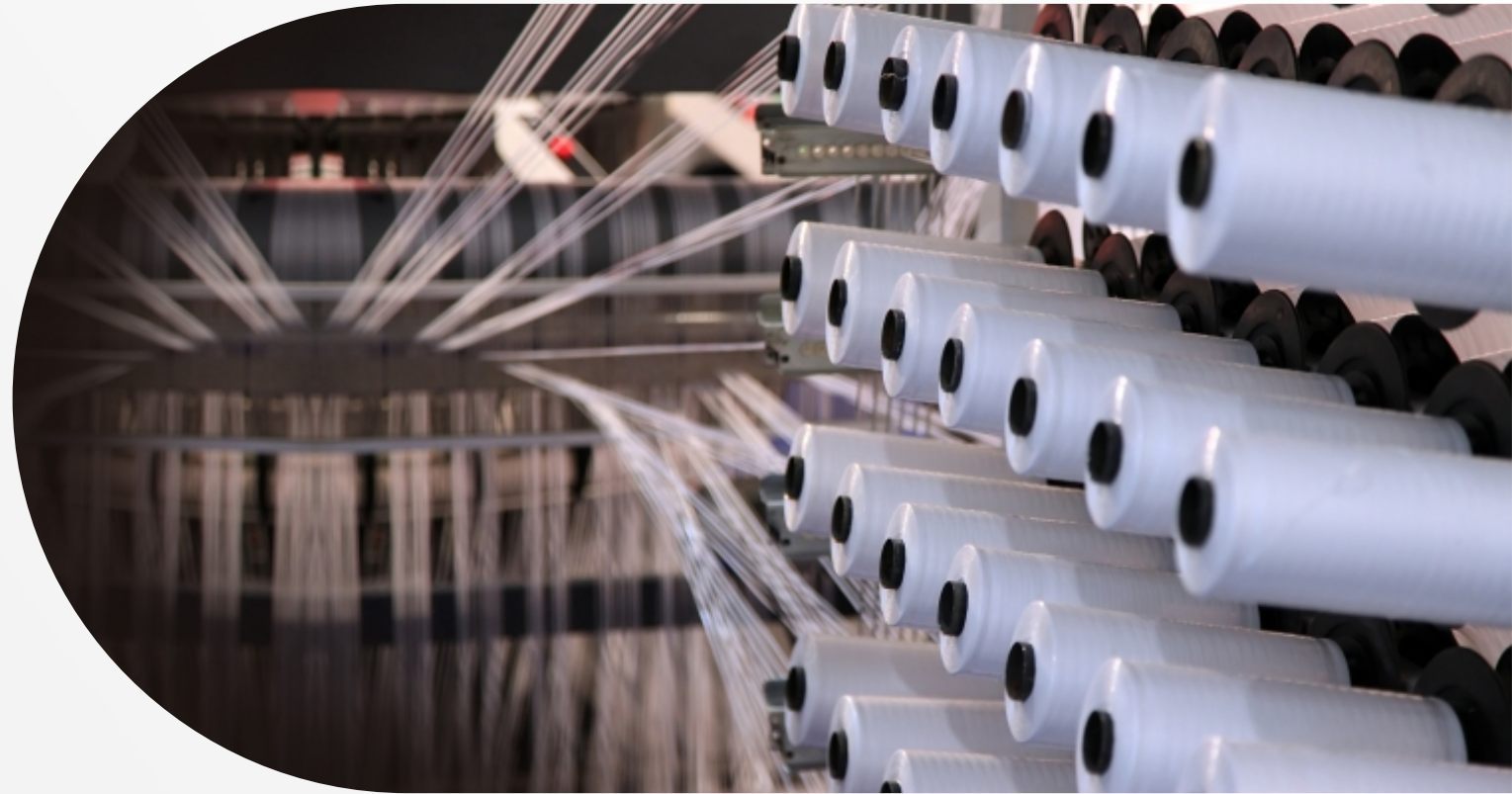


# Case Study

## ElegantJ BI Business Intelligence

**ElegantJ BI Business Intelligence  
Implementation for a leading Synthetic Fabric Manufacturer**



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# Case Study

## **ElegantJ BI Business Intelligence Implementation for a leading Synthetic Fabric Manufacturer**

### **Client**

The client is BSE, one of the largest synthetic fabric manufacturers in India, selling products to wholesalers, other fabric manufacturers, exporters, and medical houses.

The company has two manufacturing units and twelve power looms. It has a turnover of more than USD 70 million and more than 1800 employees.

### **The Objective**

The client needed a scalable, comprehensive, and robust Business Intelligence tool to fulfill their vision of building a strong decision support system that runs on their Ramco ERP system rolled out across different departments, such as Finance, Manufacturing, Sales, Procurement, and HR.

They needed a simple BI to derive consolidated analysis of data coming from Ramco ERP, legacy system, and spreadsheets for timely decision-making.

### **Challenges**

- The ERP system and legacy system spread across various units did not adequately support the organizational structure, resulting in silos of databases and information
- Need for financial analysis related to cash flow, debtors, and aging analysis to streamline the financial process
- Track moving and nonmoving stock at different warehouses and their value
- Analyzing vendors, price trends, and establishing a centralized procurement system
- Reduce workload on client's IT department caused by constant requests for new reports and MIS scenarios
- Need for timely reports to ensure both statutory compliance and organizational performance
- Need for uniform, multidimensional information architecture for accurate, timely data analysis
- Compatibility of BI with different data sources



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To overcome these challenges, the client wanted a powerful Business Intelligence (BI) solution built on industry-standard architecture that was flexible enough to connect all data sources available now and in future. The client expected the BI system to answer all business and time-critical questions efficiently and wanted a system that could be accessed through browsers from any location.

### **The Solution**

The ElegantJ BI team presented industry-specific templates to the client to show how ElegantJ BI would effectively satisfy all their functional and technical needs. The demonstration involved the client's Technical, Finance, and Management teams. They analyzed the solution from various perspectives of implementing a centralized BI system in their organization.

The client's IT team working in consultation with the ElegantJ BI team built optimized multidimensional data models from various data sources scattered throughout the organization. The ElegantJ BI team also helped identify effective KPIs for various functional areas and implemented them within the BI solution.

Comprehensive training and on-site implementation facilitated short implementation of various BI objects. A simple, user-friendly interface allowed leveraging of the BI solution for every business user, requiring no programming or expert support. ElegantJ BI's compatibility with various data sources and fine-grain security helped the organization harness the BI potential to its fullest.

Hands-on workshops on BI concepts, best practices, system administration, and end user training were conducted for power users who further trained other users in the organization thereby ensuring rapid implementation of the business intelligence solution. In addition, the ElegantJ BI solution worked as a self-starter package, leading to significant reduction in Total Cost of Ownership for the client.

### **Technology & Platform**

- Server : HP ProLiant DL380p Gen8
- O.S. : Windows 2003
- ERP : Ramco ERP & Legacy system
- Backend (Database) : Microsoft SQL Server 2000 Enterprise



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Key business intelligence objects implemented in the first phase of deployment include:

### **Finance**

- Profitability analysis
- Debtor aging and interest loss
- Balance sheet analysis as per Schedule 6
- Fund & cash flow analysis
- LC, BG, and bank facilities monitoring

### **Manufacturing & Inventory**

- Product performance
  - Grade
  - Finished product segment

- Rejection analysis
- Inventory valuation
- Variance reporting of consumption and production
- Machine-wise breakdown analysis
- FSN, ABC, XYZ analysis

### **Procurement**

- Vendor performance analysis
- Purchase rejection analysis
- Lead time analysis for raw materials

### **Sales**

- Delivery performance
  - Order to Order



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## **ElegantJ BI Business Intelligence Implementation for a leading Synthetic Fabric Manufacturer**

- Customer to Customer
- Period over Period sales comparisons
  - Product segment
  - Customer category

### **Elegant MicroWeb's Role**

Keeping in mind the needs and business functions of the client, ElegantJ BI provided dedicated consultancy and support services to the client for:

- Installation & connectivity with data sources
- Designing consolidated data warehouse
- Design, development, and deployment of various dashboards, cross-tab analysis, graphs, and reports
- BI concepts and best practices sessions
- Technical training
- Administration training
- Business analyst training
- End user training

### **Conclusion**

The ElegantJ BI team successfully implemented ElegantJ BI Business Intelligence solution that addressed all needs of the client. The ElegantJ BI team defined and implemented effective KPIs suited to the client's business.

Key Benefits and Deliverables:

- Personalized dashboards for different stakeholders with fine-grain access rights, enabling a view that is meaningful to their roles and responsibilities
- Improved visualization and monitoring of KPIs, such as purchase, inventory KPI, and sales KPI
- Low cost of acquisition, short rollout time, and less training needs added to lower TCO
- User-friendly interface reduced burden of ad hoc queries to IT team
- Enterprise architecture with zero footprint browser interface ensured rapid rollout across various locations to a large number of users
- Responsive user interface allowed users to access the solution with all popular smart phones, tablets, and other mobile devices

The ElegantJ BI solution deployed with consolidated data warehouse has offered a web-based, self-serve, error-free BI system to the client in a short



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## **ElegantJ BI Business Intelligence Implementation for a leading Synthetic Fabric Manufacturer**

amount of time and within a rational budget. KPI analytics allows establishing metrics to monitor and manage results at every level in the organization.

The success of this project is a perfect example of how ElegantJ BI's user-friendly interface, short implementation cycle, and swift integration of data from disparate sources ensure enterprise-wide rollout with highest ROI and decreased TCO.



**ElegantJ BI**  
Simply Smarter!

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## **ElegantJ BI Business Intelligence Implementation for a leading Synthetic Fabric Manufacturer**

### **Contact Us**

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