

2010

# Case study on Microsoft Office Sharepoint Server

For a leading coke and power company



## SNAPHOST

### Industry

- Coke & Power Industry

### Business Challenges

- Track efficiency at each stage of coke manufacturing
- Lack of collaboration between departments
- Track operational issues
- Increase target driven productivity for employees

### Embee Solution

Composite application on top of MOSS with automate workflows and business intelligence using MS SQL reporting services on top of MOSS for MIS reporting and improve collaboration by using Microsoft Office SharePoint Server

### Business Benefits

- Integrated business processes.
- Automated workflows
- Employees accountability with roles and responsibilities
- Increase operational efficiency
- Regular MIS reporting for better control

## Company Overview

The company is a leading coke manufacturer and produce power in eastern part of India with 400+ employees. They are the major supplier of coke to almost all the Iron and Steel manufacturing companies.

### Business Challenges

The client being into coke and power industry was facing the following business challenges in maintaining efficiency in the entire coke manufacturing cycle.

- Track efficiency at each stage of coke manufacturing
- Lack of collaboration between departments
- Track operational issues
- Increase target driven productivity for employees

### Technology Challenges

- Adhoc business processes
- No centralized control on IT assets
- No centralized data
- No Co-ordination between branches and departments
- Lack of work accountability
- Sharing of information based on roles and responsibilities.
- Automated MIS reports for top management.



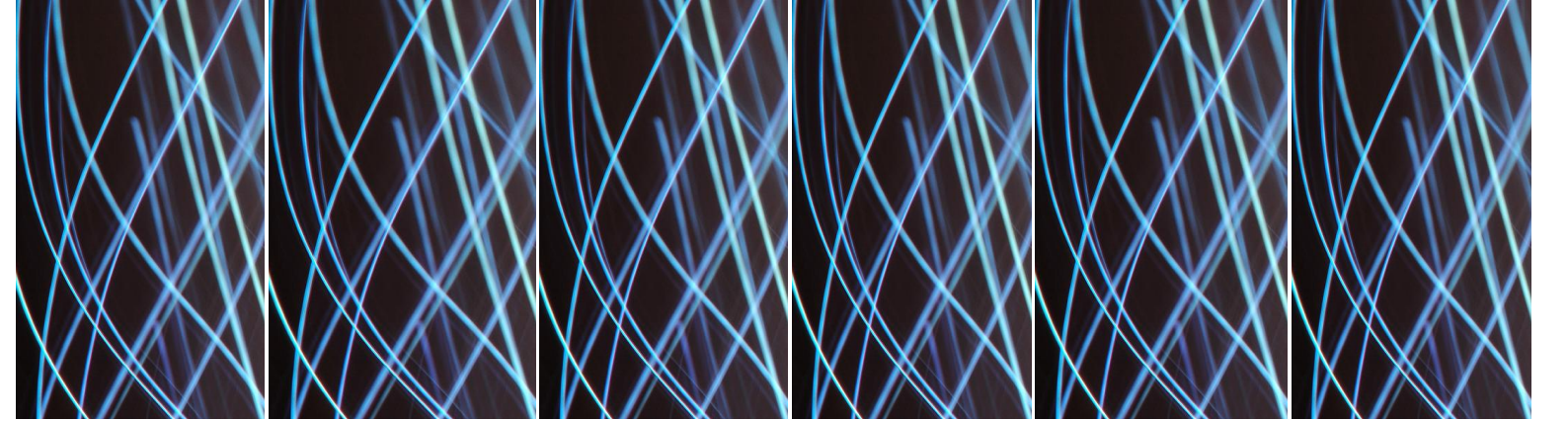
## Solution

Analyzing the challenges of the client, the Embee team proposed the adoption of Microsoft office Sharepoint Server (MOSS) and MS SQL Reporting services on top of MOSS. Being a certified Microsoft SharePoint Service Ready Partner team Embee successfully demonstrated the applicability of the software and utmost need of the client for this solution keeping in mind their future growth plans.

According to Embee this solution would act as a collaboration tool which would integrate all the departments of organization on the same platform dispersed geographically. This would minimize the data problem, ensure accountability and enable the organization to share the information across effortlessly. Content management is another forte of this solution. Embee also recommended the installation of Active Directory for centralized IT security and policies. This windows server role was activated for user authentication and centralized storing of user information.

Some other applications installed were:

- Drawing Document management with workflow to generate a document name based on naming standard.
- Attendance approval and management system based on InfoPath and integration with their attendance software.
- A complete leave management application with complex workflows.
- Production MIS application for departmental level workflows.
  - Production details captured from the Vijeo historian system.
  - Power generation.
  - Targets for production, lab etc
  - Lab details are captured including Blend details etc...
  - Coke and Coal quality including Targets vs. Achieved.
  - Logistics – for coal received and coke dispatch with all rake and dumper details.
  - One Daily MIS report in excel or PDF to be generated at the click of a button and mailed to users specified in a list as an attachment.

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- MIS reports. (25+ MIS reports are developed using MS SQL reporting services and deployed on SharePoint with SQL reporting services).
  - Audit reports for all data entry / modify done by users.
  - The enhancements for this application are being done as follows:
  - The reports should be generated when user clicks on the Generate Report button. Workflows should be available with each report to send the report to a set of email ids that can be modified.

## Results

The Support is built over the specific objectives. During the entire contract life cycle, Embee team monitored following objectives through continual improvements and objectified reporting:

- **Technology Partnership** – Embee as a system integrator has excellent relationship with all the MNC partners to acquire technology expertise and also enabled to offer consultative approach to its customers.
- **Business Focus** – Embee’s consultancy increased efficiency at every stage in manufacturing and track operational issues, this also helped in reducing overall cost of management and IT administration. Moreover, our client did not need to invest much time of their key resources on the IT administration
- **Competitive edge** – Embee successfully implemented a cost effective solution to the client. The investment in IT remained to minimum; while the solution addressed all the critical challenges of the client and there was no compromise on the quality of the services. Thus the whole service by Embee helped the client to gain a competitive advantage.
- **Accountability** – The MIS application installed by Embee has raised processed based approach and documentation that finally sustained deploying the system. The customer now has an automated process with end user accountability to track, manage and address tasks and issues at every stage in their manufacturing cycle, accountability of work as well as established the collaboration among the employees.



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## About Embee Software

Embee is an ISO 9001-2008 certified technology services and solutions provider whose service offerings span the entire range of IT. We deliver end-to-end solutions that can manage and support our customers' IT systems across the entire value chain — infrastructure, applications and business productivity. This depth, diversity and delivery capability ensures adaptability to client needs, bringing out the most innovative solutions in every business and technology domain.

Embee's value proposition is based on its vast experience in providing single-window solutions to its customers across diverse function and technology areas. Each experience has transformed Embee to become a more mature solutions provider, and has enabled it to understand business, technology and operational elements in great detail.

Embee Software is also a world-class provider of turnkey IT solutions like Server & Storage Consolidation, Virtualization, Network Integration Solutions and Data Center Management Solutions, Embee provides end-to-end support with guaranteed SLA (Service Level Agreements) in order to optimize infrastructure management and align IT with business goals.

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