

Case Study: MIS Package for Paper & Pulp Mill

Provider Name	:	KALKI Communication Technologies (P) Ltd.
Client Name	:	Fortune 500 Automation OEM
Project Title	:	MIS Software for Major Paper Pulp Mill

The Problem

The Client OEM, required for their Major Paper Pulp Mill Project, an MIS System, integrated with the ABB AC 800 M Controller. Kalki supplied the client, with a customized MIS Package, for integrating with the controller and achieving the customer specifications.

The Solution

The MIS Software is for the end-customers Pulp mill. The Pulp mill is the area where the fibrous raw material for the Board is treated with chemicals. In this treatment the material is cleaned from the impurities and made suitable to be fed as a raw material for the manufacture of the end product. The process areas involved as a part of this process are:

- Evaporators
- SRB
- LK/Rec
- CLO2 treatment
- Digester
- Pulp mill

The MIS Package supported the following features:

Data Acquisition from Any DCS/PLC using OPC / DDE

Processing the acquired data as per integration requirements

Interface with the Level 3 System

Transfer the data from Plant Information system to ERP

Reports:

Viewing with MS Excel / Web Browser / Adobe format

Viewing the Trend based on the Historical data.

Viewing the Trend based on the Real-Time Data

Tools Used:

1. OPC Client Toolkit
2. VB/VC Programming Environment