Manufacturing Intelligent Solution (MIS)

"Empowering Business in Real time"

Make Strategic Sense out of Operating Data

Sim Infosystems Pvt Ltd.

IT Based Solution Provider to Industry

SIM INFOSYSTEMS

Real Time Manufacturing Solution

Real time visibility into operational performance is becoming increasingly more essential to achieving success in today's challenging economic environment. Knowing asset utilization or capacity, identifying major sources of downtime, locating and removing constraints and improving product quality are all fundamental challenges that lead manufacturing organizations in search of manufacturing intelligence solutions (MIS). Providing manufacturing intelligence throughout the organization and to all points along the supply chain increases responsiveness to operational issues from the Managers to the shop floor

Acquire | Analyze | Visualize | Optimize

Operation excellence starts with understanding and analyzing plant wide data for which one need to collect, store, conceptualize and visualize real time information. The plant wide integrated graphics, Historian on desktop / Intranet / Internet or Mobile will be provided

Unit disparate Information – Integrate data from other existing systems like ERP, SCM and LIMS and a unified information front for the entire organization.

► Ensure corporate accountability – Comply with regulations and audit tails

Analytics: With on fly calculation engine, real time analysis of:

► Asset Performance KPI Management Alerts & Notification

► Decision supports tools Costing

Visualization:

► Integrated graphics Role based Dashboards, Trends & Charts

► Role based Reports

ISOQAR REGISTERED
UKAS MANAGEMENT SYSTEMS 0026
Certificate Number 8275
ISO 9001:2015

Manufacturing Intelligent Solution (MIS)

Benefits

Get real time information you can trust to make difficult and important decisions	▶ Provides users with a common data which can be integrated as required ▶ Availability of the right information to the right people at the right time enables the right decision
Improve operational quality and efficiency on monitoring the KPI	▶ Puts Industry on target to achieve management's overall vision ▶ Enables management and employees to focus on metrics used to run units
Unite disparate information – Integrate data from existing ERP, DCS, LIMS and present unified information front for the entire organization.	▶ Total Plant wide Material balance & Utility balance on real time ▶ Enables broader process knowledge at all levels ▶ Enhances troubleshooting and communication ▶ We can see problems quicker during plant upset, team can monitor situation from all aspects.
Find hidden capacity, improve plant productivity and efficiency	▶ Monitor root cause for downtimes and identify improvement areas to improve your overall unit effectiveness without additional investment in people or material costs ▶ Identify bottlenecks for Total Plant wide performance
Enable more collaborative production – Web based reporting to achieve transparency and accessibility for plant information.	▶ Enriched communications given and shared views of operating parameters across teams, department & the organization ▶ In competitive market driven Industries, the work processes have to be collaborative, auditable, standardized, event driven and continuously improved
Ensure corporate accountability	Comply with regulations and audit trails: ▶ Data is sourced from reliable instruments & authorized persons ▶ Data source is transparent and are with audit trails ▶ Role based visualization with requisite safety features

System Architecture

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