

## **IMPROVED QUALITY, TRACEABILITY, INVENTORY CONTROL, PROCESS GOVERNANCE AND DELIVERY RELIABILITY USING A GLOBAL MES TEMPLATE**

A global leader in vertical transport systems with an end-to-end service portfolio of design, manufacturing, installation & service and operations in 60+ countries. The client prides itself on providing safe, convenient and reliable mobility solutions.

### **BUT:**

Product mix is increasing and number of customers requesting for customized elevators are also expanding. To be able to meet the customer demands in short lead times with high levels of quality and inventory within control, Order management, Quality Systems, Inventory Planning and Performance Monitoring must be best-in-class across all manufacturing sites.

### **WHAT WAS LACKING?**

- Material availability & traceability issues due to manual capturing of information from shop floor including inventory details
- Limited visibility of sales orders inflow at the factory and integration with manufacturing work orders. Ability to confirm delivery dates to the customers and track progress on real time
- Ability to capture data on real time and monitor performance on key operational KPIs in absence of an IT application
- Quality test data collection and non-conformance management. Deployment of a robust quality management system

### **ITC INFOTECH'S BUSINESS FRIENDLY SOLUTION:**

- A global Manufacturing Execution Systems (MES) template built on Dassault Systems Apriso that harmonized the manufacturing processes across all the facilities
- Order management from ERP integrated with MES –Solution enabled tracking of plan vs. actual production, equipment downtime & Andon calls, real-time dashboards, and material management
- Quality data tracking at all stages of manufacturing, Non-conformance management, CAPA implementation
- Support and maintenance of MES solution relying on best practices knowledge base and certified product experts

### **THE RESULT**

- Savings of 3% on inventory carrying costs with improved traceability of materials and product genealogy
- 15% reduction in quality defects at the shop floor. Improved quality management with Andon, defect & test data collection and CAPA implementation
- Integrated factory with process governance, people management & real-time performance monitoring
- Improved real-time visibility of production data –Plant level, Line level and Station level monitoring
- Reduced equipment downtime with predictive and scheduled maintenance

### **ITC INFOTECH'S MES CAPABILITIES**

ITC Infotech has extensive experience in delivering MES solutions and services worldwide with rich domain expertise and understanding of shop floor processes backed by ITC Group's strong manufacturing presence. Our product certified consultants provide expert end-to-end guidance on MES spanning multiple sectors and leading product platforms