

Tech Mahindra Collaborates with a Leading Manufacturer of Industrial Robots in their Rockwell MES Implementation Program

The client is a leading manufacturer of industrial robots and automatic data capture devices for barcodes, QR codes, and RFID

Tech Mahindra worked with the client and successfully implemented the Rockwell FTPC MES to resolve complex challenges and provide seamless information flow from Shop-floor to Top-floor

Features

- Maximize operational efficiencies, streamline workflows
- Real-time Visibility to the shop floor operation
- Dashboard and reports in multiple formats

Opportunities

- Business requirement to control the information flow for the commercial manufacturing at the plant
- Integration with Visualization system for order details
- Business requirement to capture critical and relevant data from Cell Robots and Machines

Highlights

- Real-time Visibility of shop floor operations
- Integration with Cell Robots & Machines to help equipment diagnosis and error-proofing
- Efficient energy management
- Air and N2 consumption monitoring and control

Our Solution

A comprehensive solution using Rockwell FTPC for the users to easily access the data they need to continually improve the factory operations. The implemented solution:

- Provides seamless information flow from Shop-floor to Top-floor
- Integrates with Visualization system for Order details
- Captures critical and relevant data from Cell Robots and Machines
- Provides work instructions and operations data to shop floor operators
- Collects energy consumption details
- Provides air and N2 consumption details
- Provides real - time production reporting and analysis

