birlasoft

Manufacturing execution system implementation

For a Global Leader in Packaging Solutions

Features Real Time Machine and Business Application Integration

PROJECT HIGHLIGHTS
- Industry: Manufacturing and Packaging   • Technologies: Apriso   • Geographic Location: Europe

BUSINESS SITUATION

A global manufacturing and packaging giant with presence across different verticals and multiple geographies wanted a dynamic MES solution that would provide them with real time shop floor visibility as well as reporting and monitoring capabilities, features that were lacking in their current system. The solution had to be scalable so that it could be rolled out across their plants, locally and globally, at a short notice.

SOLUTION

Birlasoft acted as strategic partner for implementing the MES solution. This included selecting the MES platform and designing a solution that would meet the following business objectives:

- Capture real-time machine data through PLC-OPC interface
- Shop floor visibility and production reporting at each shift end
- KPI configuration and monitoring at global and local levels
- Configured high availability, alarms for failures to provide accurate and real time data
- Global core model with regional and plant specific configurations
- Center of Excellence configuration for Global and Local Visibility

OUTCOME

- Improved maufacturing efficiency by reducing rework and scrap
- Improved throughput and snchronized production plans
- Flexible manufacturing process with reusable templates
- Systematic and on-demand quality planning and execution
- Sustained continuous quality improvement plan across the enterprise

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Enterprise to the Power of Digital™

Birlasoft combines the power of domain, enterprise and digital technologies to reimagine business processes for customers and their ecosystem. Its consultative and design thinking approach makes societies more productive by helping customers run businesses. As part of the multibillion diversified CK Birla Group, Birlasoft with its 10,000 engineers, is committed to continuing our 150 year heritage of building sustainable communities.