

Live Enterprise - Smart Shop Floor

Function:
Manufacturing, Distribution

Processes:
Shop Floor Production, Inventory Management

Industry:
Consumer & Industrial Products (C&IP) –
Automotive; C&IP – Chemical & Specialty
Materials; C&IP - Industrial Products & Services

Business Driver

Production asset management is a critical business paradigm

- Keeps equipment in good health
- Prolongs the lifecycle of the asset and keeps it reliable



Solutions Overview

The Smart Shop Floor solution can help give an edge to the production/maintenance planner. Its real-time predictive maintenance and machine health monitoring capabilities ensure sections keep running by taking pre-emptive averse actions for breakdowns.

Features

Integrated shop floor

- Predictive maintenance based on IoT inputs
- Control tower view for section/production manager
- Real-time machine health status
- Tracking to achieve production targets
- Inventory tracking for unaltered production
- Dynamic re-routing of production in case of machine breakdown
- Labor tracking for each section

Mobile app

- Production details for the machine in proximity
- Health status of a machine
- Alert for machines in critical status
- Real-time production tracking

Potential Benefits

- Control tower view—real-time operational visibility to shop floor production and in-transit stock tracking
- Increased user productivity through efficient triage of exceptions and reduced labor
- Expedited revenue recognition—increased cash flow
- Cost control through predictive analysis enables planned expenditure for spares and service
- Enhanced planning and forecasting by using efficient logistic resource planning and prioritizing logistics operations
- Greater customer satisfaction by meeting or exceeding delivery SLAs and reducing customer complaints



IoT

- Beacons
- Sensors



Core SAP

- SAP S/4HANA®



Analytics

- Predictive analytics

For more information contact
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