



## Live Enterprise - Smart Shop Floor



**Function:** Manufacturing, Distribution

**Processes:** Shop Floor Production, Inventory Management

**Industry:** Consumer & Industrial Products

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### Business Driver

Production asset management is a critical business paradigm. It's imperative to keep equipment in good health and prolong the lifecycle of the asset and keep it reliable.

### Solution Overview

The Smart Shop Floor solution can help in giving an edge to the production/maintenance planner to keep the section running and take pre-emptive aversive 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
- ✓ Track and 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 view, 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 through 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