



# Shop Floor Next

**Mobile-enabled application for managing critical shop floor activities, including production, quality, maintenance, inventory, and labor**

## Overview

Shop Floor Next helps streamline the activities of pharma production and maintenance planners. It combines the power of Web-based solutions with handheld devices and Internet of Things to provide production control, manpower prediction, plus planning implementation and scheduling strategies. Embedded real-time predictive maintenance and AI-powered machine health monitoring capabilities ensure production levels are maintained by staying ahead of equipment breakdowns.

## Features

Control tower view for real-time visibility into shop floor production and in-transit stock tracking

Clock-in/out, automatic time recording, downtime tracking, labor management, machine deployment

Real-time floor view, inventory reports, and worker efficiencies with integrated dashboard

Intuitive easy-to-learn screens

Cost control through predictive analysis enables planned expenditure for spares and service

Smooth and integrated

Root cause analysis of excess or insufficient inventory aided by machine learning algorithms



Preserve Active Pharma Ingredients (API) requirements while optimizing inventory carrying costs



Increase user productivity with exceptional triaging capabilities, and reduce labor and manufacturing costs



Achieve 99%+ customer service level targets while maintaining compliant medicines



Improve warehouse inventory level predictions



Eliminate redundant outside storage locations to streamline operations

## Industries

Life Sciences

## Functions

Manufacturing

## Processes

Manufacture to deliver  
Quality management

## Innovations leveraged

Action triggers providing real-time alerts  
Beacons

Sensors  
Predictive analytics

For more information or to discuss a specific challenge your organization is facing, contact [SAP@deloitte.com](mailto:SAP@deloitte.com)