

Live Enterprise – Smart Warehouse

Function:

Warehousing, Logistics & Distribution

Processes:

Warehouse and Inventory Management

Industry:

Consumer & Industrial Products (C&IP) – Automotive; C&IP – Consumer Products; C&IP – Industrial Products & Services; Cross-industry

Business Driver

Modern warehouses seek

- Real-time transparency and traceability of all goods in all locations
- Consistent real-time view of all inventory
- Ability to adapt quickly to changing environments



Solutions Overview

Inventory management and asset management are critical business paradigms. Our solution enables a real-time monitoring of warehouse assets/equipment and processes, to generate insights in inventory and storage statuses such as storage location optimization and reduced warehouse operations.

Features

Connected warehouse

- One-click / on-demand stock taking—for an overview of your pallet warehouse at a click of a button
- Digital registration of pallet put-away and picking—for automated action confirmation and traceability
- Digital pallet journey follow the pallet through the warehouse and its stops
- Optimized pallet journey—dock-to-dock handling unit traceability within the warehouse

Potential Benefits

- Control tower view—real-time operational view, visibility of inventory operations
- Resource optimization and efficient utilization of warehouse workforce
- Optimize inventory and react quickly to change in demand and operations



IoT

- Connected sensors/Telemetry
- Historian integration
- Real-time streaming and big data storage



Machine Learning

- Real-time data scoring
- Predictive modeling of maintenance needs



Analytics

- Geographical dashboarding
- Asset health scoring
- Simple extension to provide new customer-specific analyses
- History and trend analysis
- Real-time reporting in Lumira



Core SAP

- Plant maintenance integration
- Quality management integration

For more information contact
sap@deloitte.com