

SAP LIQUID STUDIO FOR LEONARDO APPLICATION: CONNECTED CRATES

End to end inventory traceability

Function: Inventory Tracking | Process: Supply Chain | Industry: Consumer Goods

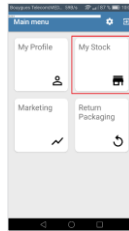
Application Overview

Typically, when a manufacturer hands off product to a distributor, a level of traceability of that stock gets lost. Less control over where things are translates into missed manufacturer opportunities for targeted promotions to retailers and less ability to effectively manage inventory and predict shortages.

Connected Crates is an application designed for manufacturers meant to address these concerns. The application traces stock sent out to retailers in real time via beacons to track the demand and sales. It improves traceability by enabling avoidance of shortages and surpluses, adjusting marketing and pricing, and enabling manufacturers to react to real-time stock situations.

Solution

The Connected Crates application combines a central dashboard that provides a full view across a region with an Android-based mobile app to streamline communication with retailers and distributors.



Business Value

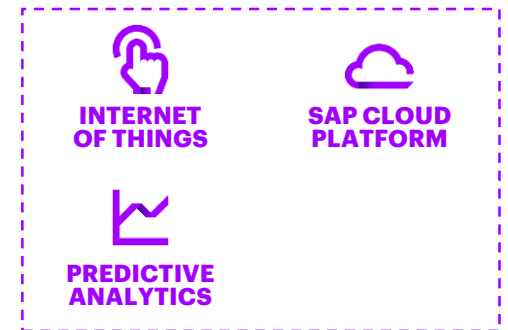
- Better visibility for avoidance of stock shortages and surpluses.
- Ability to adjust marketing and pricing based on the real-time stock situation.
- Improved extended returns management through predictive analytics.

Features

- Built with SAP Leonardo and the SAP Cloud Platform.
- Uses Bluetooth beacons to track real-time stock status that is then integrated into supply management.
- Uses geolocation-based inventory tracking.
- Includes predictive analytics-supported stock and returns management.
- Provides an Android-based mobile application for retailers and distributors and a manufacturer dashboard.

Technologies in Use

- SAP Cloud Platform
- SAP Leonardo IoT Services
- SAP Leonardo Predictive Analytics
- SAP Materials Management / Inventory Management
- SAP Android SDK



[Click here](#) to watch the video.