

SAP LIQUID STUDIO FOR LEONARDO APPLICATION: CONNECTED LOGISTICS

A smarter warehouse with SAP

Function: Warehouse Management | Process: Supply Chain | Industry: Cross-Industry

Application Overview

For a warehouse manager, the more real-time visibility into stock and location the better. By automating previously manual tasks such as transfer order creation when items are moved can greatly reduce the time spent on operations. Combined, this automation and increased visibility improve operations and reduce both cost and effort for warehouse managers.

The Connected Logistics application provides a consolidated SAP Cloud Platform-based dashboard to support these tasks. It combines Internet of Things, automation and data from the SAP transactional warehouse management system to provide a connected, end-to-end solution to manage warehouse space and provide full visibility into operations.

Solution

Connected Logistics uses Internet of Things (IoT) data gathered from sensors attached to items in

warehouses to track stock in real time. The data is analyzed to calculate optimized storage amounts and to automatically create transfer orders based on item movements. It also raises alerts to help users detect un-optimized conditions, if occurred.



Business Value

- Enables tracking of stock in real time due to IoT data gathered from sensors attached to items.
- Displays item movement transactions in real time.
- Compares optimized stock amount and the real amount to raise alerts to users.
- Gives end users the ability to edit item locations manually when there is any mismatch on planned versus projected warehouse conditions.

Features

- Uses IoT sensor integration to monitor stock locations.
- Real-time stock management.
- Automation of transfer orders in transactional system.
- Real-time notifications of errors.

Technologies in Use

- SAP Cloud Platform
- SAP Leonardo IoT Services
- SAP S/4HANA®

