

**TRANSFORM EXPERIENCE.
TRANSFORM BUSINESS.**

**SMART LOGISTICS
FOR HIGH VALUE ASSETS**





Having trouble tracking your assets, HCL Smart Logistics for High Value Asset, powered by SAP Leonardo provides a solution to track assets in real time. Utilizing Hybris, SAP Leonardo Blockchain and IoT services, the solution transforms the way enterprises manage the inventory levels and integrity of their highly specialised assets with role-based access & visibility to inventory, location and integrity of assets in real-time.

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HCL is a valued SAP partner that has collaborated with the SAP Life Sciences IBU to develop a Blockchain solution for the real time track and trace of equipment. The HCL solution utilizing SAP Leonardo and SAP Cloud Platform with integration into SAP S/4 backend supply chain components and SAP Hybris fills a critical need for our Life Sciences customers allowing them to realize the benefits of their SAP investment to the fullest.

Lori Mitchell-Keller

Global General Manager - Consumer Industries
SAP

Solution Overview

- 1) Built on SAP Cloud Platform Cloud Foundry utilizing Leonardo Microservices for IoT, Blockchain and integration to Hybris
- 2) Multiple Personas each with specific unique access and functionalities for different stakeholders across the supply chain
- 3) Realtime Track and Trace of equipment
- 4) Immediate notification if equipment packaging is "Compromised". Blockchain entries written for full audit purposes
- 5) All custodian changes, Ownership and possession, written in Blockchain for full audit purposes.
- 6) Integration with Enterprise systems for Order management and supply chain (SAP Hybris and SAP S/4HANA)
- 7) Intuitive iOS apps for Order entry and recording ownership transfer



Realtime Track and Trace Capabilities using IoT/GPS.



Compromised Status captured Utilizing Blockchain.



Multi Persona/ Custodian ownership views. including one for 3rd parties such as regulatory departments



BENEFITS

- **Optimized Inventory Management:** Near-real-time visibility helps manage asset inventory spread to prevent overstock / understock situations, and unlock additional revenue generated by assets by up to 40%
- **Optimized Routing:** Near-real-time location & condition updates help decide optimal transport route of the assets to the next destination
- **Automated Integrity Status Monitoring:** Asset sterilization/integrity records are updated automatically thereby preventing unnecessary re-sterilization costs & saving time while also complying with regulatory requirements
- **Planning and Forecasting Accuracy:** Inventory Management trends & insights help determine the demand/supply balance by asset type, geography & season, and plan stock distribution accordingly



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HCL