

HCL

Automated goods
movement enabled
by **SAP IoT**



www.hcltech.com

Embed IoT sensor data into (integrated) business processes

What does it do

The next generation intelligent IoT warehouse solution to bring efficiencies to the goods movement process leveraging SAP IoT smart sensing.

Scope* of this offering is restricted to having RFID information of the Handling Units validated and posted to SAP S/4HANA or EWM for Goods Movement, automatically



Why HCL



Strong heritage in smart product engineering



Helping uncover business value and new revenue streams



Industry leading client success and analyst ratings



Industrialized global model



24/7 availability as Global Partner



Rich experience in building & deploying RFID-based solution

Offering for a HCL packaged (in a box) pilot implementation

Pilot duration: 1 week (1-day onsite implementation, 4-days trial)

What is included

- 10 pre-provisioned RFID tags
- 1 RFID handheld
- HCL IoT-SAP interface app
- SAP IoT platform (50 reads per day)
- Services:
 - Connectivity establishment between one RFID scanner and SAP IoT tenant (if needed via gateway)
 - Connectivity between SAP IoT and SAP S/4HANA for goods receipt scenario

Optional services

- Any additional devices or processes to be integrated
- Consulting services

How do we do it

It begins with providing mapping for RFID tags to handling units based on industry standards or customer-specific IDs.

EPCIS events are captured automatically by tracking movements in logistics, validate it, and post goods movement to SAP S/4HANA leveraging SAP IoT's Smart Sensing capabilities.

Ultimately, we manage RFID scanners and provide a direct connectivity layer to the scanners or via a 3rd party gateway, based on the user requirements, thereby providing a holistic value proposition across the entire supply chain.

Prerequisites

- Productive SAP S/4HANA with standard goods receipt process
- Connectivity



HCL has dedicated business units focusing on IoT technologies -- IoT WoRKS™ with two dedicated COLLAB, in Redmond and Noida, 50+ robust solutions and incubating new technologies. HCL is a leading player in IoT and has reusable assets for scalable and flexible platforms. HCL has been consistently rated in top quadrant by all leading analyst firms in the IoT space. There is intense focus on Hi-Tech, manufacturing, oil and gas, life sciences healthcare, TIL, utilities, retail OPG, telecom, and financial services verticals.

Success stories

Customer reference 1

End customer is a marquee player in the aviation industry and had a business problem of tool assets management. HCL provided process re-engineering and automated tool issuance and tracking. This provided business benefit of operational efficiency by reducing manual tool search effort, providing real-time dashboard, and automated reporting (Daily Carryover, etc.) which resulted in over 90% savings w.r.t. work tool issuance and return process.

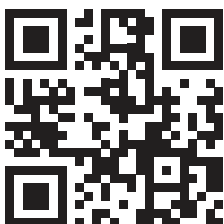
Customer reference 2

End customer is a leading bank and wanted IT asset management solution to prevent secure data breach. HCL provided a scalable solution - RFID-enabled asset tracking, real-time reconciliation with asset database, auto alarm, and workflow notification. The business benefit was tracking 130,000 assets in over 40 countries using HCL's IATM solution, corrective action for data mismatches automated with overall 30% less processing time, and 90% faster asset audit.



HCL Technologies (HCL) empowers global enterprises with technology for the next decade today. HCL's Mode 1-2-3 strategy, through its deep-domain industry expertise, customer-centricity and entrepreneurial culture of ideapreneurship™ enables businesses to transform into next-gen enterprises.

HCL offers its services and products through three lines of business - IT and Business Services (ITBS), Engineering and R&D Services (ERS), and Products & Platforms (P&P). ITBS enables global enterprises to transform their businesses through offerings in areas of Applications, Infrastructure, Digital Process Operations, and next generation digital transformation solutions. ERS offers engineering services and solutions in all aspects of product development and platform engineering while under P&P. HCL provides modernized software products to global clients for their technology and industry specific requirements. Through its cutting-edge co-innovation labs, global delivery capabilities, and broad global network, HCL delivers holistic services in various industry verticals, categorized under Financial Services, Manufacturing, Technology & Services, Telecom & Media, Retail & CPG, Life Sciences, and Healthcare and Public Services.



As a leading global technology company, HCL takes pride in its diversity, social responsibility, sustainability, and education initiatives. As of 12 months ending on March 31, 2022, HCL has a consolidated revenue of US \$11.48 billion and its 209,000 ideapreneurs operate out of 52 countries. For more information, visit www.hcltech.com