



Wipro's Quality Insights Solution

Solution based on SAP Leonardo ML and iRPA for improving Quality Inspection during Manufacturing

Manufacturing industry relies on manual inspection of process components and requires entry of inspection data into the system manually. Wipro's quality insights solution uses optical surface quality inspection tool which ensures timely confirmation to supplier for immediate financial settlement in case of any issue.

Reducing the human intervention in quality inspection process with SAP Leonardo

Key takeaways



A seamless solution for Purchase Executives / Quality Inspectors to achieve higher accuracy during procurement receipts and production quality checks



Enabled by Wipro digital counter, Wipro bend analyzer and Wipro digital image checker integrated with SAP S/4HANA



Wipro's Intelligent Robotic Process Automation (iRPA) helps to close the vendor returns for the rejected part numbers

Solution features

- Optical Character Recognition (OCR) to read the delivery challans of supplier to create goods receipt document
- Wipro's Quick Goods Receipt (GR) app to digitally count part numbers and integrate with SAP S/4HANA
- Wipro's bend analyzer and Wipro's image checker to measure the degree of bend and capture image of the part number
- Intelligent Robotic Process Automation (RPA) helps create the vendor return documents in S/4HANA for all rejected items

Real-time decision making made possible by seamless integration of quality inspection process with SAP S/4HANA

Business benefits

- Reduced human dependency and more accurate digital count during procurement and digital quality check during In-line production
- Increased productivity with better accuracy of rejection
- Real time monitoring of defects resulting in quick decision making
- Reduction in training costs of purchase/quality executives



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