



Wipro's Quality Insights Solution

Leveraging SAP's Intelligent Technologies like Machine Learning and Intelligent Robotic Process Automation (iRPA) for improving quality inspection with zero human touch

The manufacturing industry largely relies on manual inspection of process components which require manual entry of inspection data into systems. Wipro's Quality Insights solution uses optical surface quality inspection tools that ensure timely confirmation to suppliers for immediate financial settlements in case of any quality related issues.

Zero human touch in quality inspection process

Key takeaways



A seamless solution for purchase executives/ quality inspectors to achieve higher accuracy during procurement and production quality checks



Enabled by Wipro's Digital Counter, Bend Analyzer and 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 delivery challans (vouchers) of suppliers 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 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

- Zero human dependency and 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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IND/B&T/APR-SEP2019

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