CASE STUDY -
AUTOMOBILE

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Headquartered in Italy, the Client is a leading automotive manufacturing company.

Solution:

Pick & Place Solution.

Problem / Pain Point:

Current system of the Client is based on manual operations wherein User/ Line Operator gets only a printed sheet with the details pertaining to the Component and the Car model. Locating and sorting the components on the basis of the data provided becomes tedious leading to wrong materials reaching the line and delaying the work progress.

Objective of Project:

1. To create unique code for the components, trolleys and the location.
2. To validate the picking with the data available in the software.
3. To enable report generation of inward and outward entries.

Solutions Proposed:

At the first stage of the proposed solution Barcode Printer will be used to generate unique SKU for the components, location and trolleys.
PC Application will process the information available in the system and display it in the form of pdf or excel.
HHT Application will be used to generate a PICKLIST based on the component ID's and once the PICKLIST is selected, it will also display the PICKING AREA and BIN LOCATION AREA for the COMPONENT ID selected.
Once the component is collected, it will then be placed on the Trolley Bin Number as per the details provided by HHT App.

Benefits:

1. Barcode Printing & Sensing techonolgy reduce the amount of manual work involved in the process thereby reducing manual errors & improving efficiency.
2. QodeWMS provides intelligent location tracking, thus improving ease of operation and reducing the number of wrong deliveries.
3. Automation aids in segmenting the product and generating automatic reports which provides visibility.
4. Provides cost advantage and optimum utilisation of resources (manpower, materials, space) available.

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Traceability Redefined