

Head quartered in Stockholm, Sweden the Clients mission is to be the leading supplier of safety systems for the future car, well integrated with autonomous driving. They are a Fortune 500 company and the world's largest automotive safety supplier with sales to all the leading car manufacturers in the world. They develop, manufacture and market protective systems such as airbags, seatbelts, steering wheels, passive safety electronics and active safety systems including brake control systems, radar, night vision and camera vision systems. The company prides itself in working with 100 car brands with over 1300 car models. They have over 80 production facilities with 5 of them located in India.

### **Solution:**

WMS, WIP & FG Dispatch Validation.

### **Problem / Pain Point:**

The Client still follows a manual process in his warehouses leading to challenges such as incorrect dispatch of materials and tracking material movement.

### **Objective of Project:**

1. To generate UID barcodes for all SKUs and locations.
2. To reduce the amount of manual work involved in the process.
3. To track material movement in warehouse.

### **Solutions Proposed:**

Barcode printers will be provided which will print batch number barcodes. The barcodes will then be labelled on to the bin/box.

Location barcode will also be created which defines the location of raw materials & finished goods in the warehouse.

Handheld Terminals (HHT) will be used to scan the location and the bin/box, on doing so the information will automatically be mapped in real time on the QodeWMS application to complete the put away process.

At the time of picking, the picklist will be generated on the QodeWMS APP which the user can access through the HHT. The user then has to scan the location ID & bin/box which leads to validation and automatic processing with quantity in the bins.

The Bins with material will be scanned (bin level) at the input of the assembly line to indicate that material/bin has been brought to the line.

Labels will be printed for the FG bins and they will then be moved to the FG warehouse.

On receiving a PO the operator has to scan the label of the bin to verify the materials stored in the bin.

Then the operator pastes the Pre-Printed Label from MSIL on Bins ready for dispatch.

These labels are printed from MSIL Vendor Portal. This process will validate the correctness of the Pre- Printed label with the product in the bin.

### **Benefits:**

1. Automation reduces the amount of manual work involved in the process thereby reducing manual errors & improving efficiency.
2. Warehouse management solution provides intelligent location tracking & real-time visibility.
3. Printing & sensing technology allows the client to accurately implement required rule set.