

The Client is Indian consumer electrical equipment manufacturing company based in Mumbai, Maharashtra.

Solution:

Warehouse Management Solution.

Problem / Pain Point:

1. The client has a manual set up at the warehouse which led to manual errors such as inaccurate material in-warding, put-away & dispatch.
2. During dispatch, the client faces a challenge in implementing required rule set.
3. Lack of efficient material management in the warehouse.
4. The current manual process is incapable of report generation, preventing the client from taking data driven decisions.

Objective of Project:

1. To reduce the amount of manual work involved in the process.
2. To generate barcode labels for all the individual polythene packs and cartons of the spares that are inwarded.
3. To have a back traceability of the suppliers for the spares that fails.
4. To have a single WMS system and upload all details into the ERP in real time.

Solutions Proposed:

For the proposed solution, each location in the warehouse will be given a Unique Identification Number Using UID barcodes. The UIN label will be generated using the QodeWMS application, followed by which they shall be pasted on their respective locations. During the material inward process, the system will generate UID barcode labels identifying the SKUs and other details within the cartons.

For material put away, the system allocates put away location for each carton as per the required rule set. During put away, the user will have to scan both the carton and the location to map the same. This data will automatically be updated in the SAP in real time. During dispatch, the user will have to scan both the location & dispatch items to verify the same.

Benefits:

1. Automation ensures the process of material inward, put away & dispatch is carried out accurately and efficiently.
2. Printing & sensing technology reduces the time spent on data capturing & processing.
3. The system would also can keep audit record of material receipt, issuance and request. It is also capable of report generation, which can be used to take data driven discussions.
4. Automation enables efficient utilization of resources (time labour & space).
5. The solution enables the client to accurately adhere to required rule set.