www.qodenext.com

Head quartered in Japan, the Client is a well-known brand and Global Leader in Electric and Electronic Equipment for Residential, Commercial and Industrial use. The Client has presence across India with a large distribution channel which is expanding to more cities.

With more than 30 SKUs and two manufacturing facilities the Client (India) offers complete solution for factory automation and industrial products, residential, commercial and industrial air conditioning, video and imaging products and provision for technical and marketing support for power semiconductors, photovoltaic modules, transportation, power systems and CNC solutions.

Solution:

FG Warehouse Management System.

Problem / Pain Point:

The Client having 25 warehouses with 5 mother warehouses and more than a 100 SKUs in each warehouse faces a problem of identification of wrong material received from the manufacturer. Also chances of wrong material being dispatched from the warehouse is high.

Objective of Project:

1. To address the problem of incorrect model forwarded from manufacturing unit against an ASN (Advanced Shipping Note) through automation
2. To reduce the manual process involved at various stages and improve material identification

Solutions Proposed:

As the material is dispatched from the Client's manufacturing unit based in Japan, Thailand, and China an Advance Shipment Note (ASN) will be generated consisting of serial no. of the shipped units. This ASN information will be shared with the Client, India Head Office before the shipment arrives, through SAP. This information will automatically be shared with QodeWMS application via WEBSERVICES.

Once the material is received at the warehouse location, the operator needs to scan the material for the serial no. validation through QodeWMS Application against the ASN serial number, which has already been shared by the head office. This information will get shared with the Head Office for the GRN process in the SAP against the received goods.

At the GRN stage, barcode printers will be used to generate unique barcode labels containing batch related information.

Hand Held Terminals (HHT) will be used by the operators to scan the material. The information will then be shared with the SAP through the WEBSERVICES.

The HHT will be used to scan the put away location, on completion of which the material & location information is automatically updated in real time in the QodeWMS application.

On receiving an order, the information automatically gets updated on the QodeWMS application. A pick list will then be generated using the information and it also highlights the location for collecting the same.

Post collecting the materials the order gets validated & is automatically processed by using the HHT.

The outward entry is then captured by the system and report will be generated.

Benefits:

1. Automation the occurrence of wrong material being received and dispatched from the warehouse.
2. Warehouse management solution allows to follow required rule set.
3. Barcode printing and sensing techonolgy ensures real time and accurate capturing of material data into the SAP, thus reducing manual errors.
4. The solution provides cost advantage and optimum utilisation of resources (manpower, materials, space) available.

QODE NEXT®
Traceability Redefined