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The Client is a Mumbai based USD 42 billion company. It is India's largest automobile manufacturer with a portfolio that covers a wide range of cars, sports vehicles, buses, trucks and defence vehicles. They have five plants in India located at Jamshedpur (eastern India), Pune and Sanand (west), Dharwad (south west) and Lucknow and Pantnagar (north) and multiple warehouses.

Solution:

Material Count and Audit Management

Problem / Pain Point:

The Client faces a problem that during material count and audit activity, the entire plant must be stopped, this affects plant productivity. Also the process is carried out manually, which leads human errors in filling slip book.

Objective of Project:

To atomizing the quarterly material audit activity with latest mobile computing technology integrated with barcode scanner and inbuilt software application.

Solutions Proposed:

The proposed solution begins with barcode labels being printed and stuck on each location which comes under auditing and counting activity. All barcode tags ID will be linked with material master database which will be loaded with Material No., Material Description, Material Location and Quantity.

In the material counting stage, Hand Held Terminals (HHT) will provided to the operator. These Mobile computers will come with inbuilt material counting software. The operator will have to download the master data in Mobile Computer (HHT). Followed by this he/she will go to each location and scan the barcode of location. If the user wants to edit the data, an "Edit" button will be provided.

A similar process will be followed during the material verification & audit stage.

Benefits:

1. With proposed solution, the material counting, verification and audit to be carried out without having to stop production. In this manner plant productivity is not effected and efficiency is improved.
2. Automation reduces the occurrence manual errors.

QODE NEXT®
Traceability Redefined