CASE STUDY - AUTOMOBILE

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Incorporated in Mumbai, India, the Client is a fully owned subsidiary of an Italian Automotive Company.

Solution:

Inventory Management Solution.

Problem / Pain Point:

The manufacturing facility has the capability to manufacture 135,000 units annually. Therefore, the Client requires tracking and tracing solution of the components/ spares getting assembled at various stages. Apart from this the client also requires mapping solution and report generation.

Solutions Proposed:

At the first stage of the proposed solution, user will have to log into the QodeNext Application through a PC. Once the user logs in, the PC will import all database details of the spares/components. Based on these details, the OodeNext application will generate a unique 1D barcode for the spares/ components.
Barcode printers will be provided which will used to print 1D barcodes to be pasted on spares.
At the production stage user will be provided with Hand Held Terminals. The user must use the HHT to scan the VIN number and select the stage for assembling. Depending on the stage, the total spares to be assembled will be displayed on the HHT with the detail of the same.
The user must then use the HHT to scan the spares being assembled. Once the total spares to be assembled at a particular stage are scanned, the process tab changes colour giving indication of the process completion. This same process is repeated for various stages.
Once the whole process is completed the whole data base is updated by Pressing Save. The use then uses the PC Application to generate a report.

Benefits:

1. The proposed solution is capable getting accurate details of components through tracking, thereby enabling accurate inventory management.
2. Automation reduces manual intervention and paperwork, thereby reducing manual errors and increasing employee productivity. It also minimizes the time taken for data entry.
3. The solution is capable of report generation, which enables data driven decision making.

QODE NEXT®
Traceability Redefined