

The Client is India's leading air conditioning and commercial refrigeration company, with an annual turnover of over Rs. 3200 crores, a network of 35 offices, 5 modern manufacturing facilities, 2500 employees, 2200 dealers and 500 retailers. The Company has manufacturing facilities at Dadra, Himachal, Wada and Ahmedabad, which use modern, state-of-the-art manufacturing equipment.

Solution:

QA Process Automation Solution.

Problem / Pain Point:

The Client uses a manual set up which leads human errors and effects operational efficiency. The Client also faces difficulty in finding the missing check points during the QA process.

Objective of Project:

To automate the current manual paper work of check sheet filling which will help the management to reduce manual error and improve the QA process efficiency.

Solutions Proposed:

In the proposed solution the operators will be provided with with Hand Held Terminals. These HHT will be used to update check sheet parameters generated in the HHT itself for every transaction. These HHT would be connected wirelessly to the server to enable data communication in real time.

When user will start the transaction by scanning barcode, the system will check whether all previous transactions are completed or not. If any previous transaction is skipped/pending it will immediately generate alert on Web application dashboard.

Supervisor will have Web based application in their PC which will display real time QA status of product with details. This will generate the system based daily/ monthly report as required.

Benefits:

1. In case a previous transaction is skipped/pending, the system will immediately generate an alert on the Web application dashboard. This ensures client can easily find out missing checkpoints in the QA process.
2. Automation reduces manual errors and optimises utilization of resources, such as time money and labour.