

Headquartered in Gurgaon, Haryana the Client is making its mark in the International Grid of Automobile Components Manufacturing. The Client steers ahead as a leading Tier 1 supplier of Proprietary Automotive Solutions to Original Equipment Manufacturers (OEMs). The company boasts of a variety of products with over a 1000 SKUs for the 4-wheeler, 2-wheeler & off-road segment and caters to some famous brands such as BMW, Toyota, KTM, Kawasaki & Honda to name a few.

#### **Solution:**

Back Traceability Solution.

#### **Problem / Pain Point:**

Due to manual parameter recording on the paper logs at packaging, there are high chances of error. Also, with the current process, back traceability is error prone, tedious & time consuming.

#### **Objective of Project:**

1. To back trace the process for wet & dry battery division.
2. To capture weight and parameters at before & after acid filling.

#### **Solutions Proposed:**

The solution will start from parent barcode label generation & pasting on the battery after the engraving (batch & serial no.), this barcode will be get scanned at different stages for the information capturing & mapping e.g. weighing scale, OCV1, OCV2,  $\Delta$ OCV, Final  $\Delta$ W & final barcode label generation (online) with serial no.

#### **Benefits:**

1. Automated parameter recording & mapping reduces the chances of error also no paper log needs to be maintained.
2. On receiving any complaints from the market, the process of back traceability will become accurate & less time consuming.
3. The proposed solution would offer deep insight about the process in terms of parameter capturing & mapping.
4. The solution enables report generation, thus making it possible to take data driven decisions.