

# Manufacturing Excellence System@Automotive interior major

## Client

Client is Global leader in automotive interiors having approximately 110 manufacturing plants and technical centers in 20 countries more than 33000 employees globally. They design, develop and manufacture automotive interior components for all automakers.

## Challenge

- ✓ Primarily guided by manual instructions, print out papers, excel sheets, paper slips
- ✓ Manual interventions at various stages (incoming material inspections, assembly line , inspection of finished products, And-On-Line stoppages and for management reporting)
- ✓ Due to manual operations, Production/inspection reporting was time consuming and error prone.
- ✓ Without Digital transformation, getting additional international business was challenge

## Solution

- Developed Web based application with Layered Architecture
- Use of Open source for developing the functionality
- The proposed solution will be used by Operator, Cell Leader, Supervisor , Functional head, Quality inspector and Plant manager.
- The overall delivery was done using Agile methodology
- Our Modular design approach ensured the data collection at most granular level and reporting at any level.
- We developed REST API calls for specific/third party services

## Benefits

- Automation is a continues journey to improve value for client . We are engaged in this digital transformation journey of Industry 4.0 . We are reshaping their India manufacturing operations that results in improving process visibility, transparency, overall quality, reduce cost, minimize outages, improve training and generate management reports.

