



**Increased Productivity with Digital Work  
Instructions for a Leading Automotive  
Original Equipment Manufacturer (OEM)**

## Client

The client is the North America subsidiary of a global manufacturing conglomerate of world-class automobiles, motorcycles, and power equipment.

## Challenges

Process inefficiencies due to outdated procedures, inefficient training and communication, and lack of visibility for line workers on real-time work updates lead to a decline in productivity and an increased carbon footprint.

## LTIMindtree Solution

- ✔ Digitization of instructional processes for Line Associates through automated work instructions has helped address varied production volume scenarios
- ✔ Digital instructions enabled the generation of process and model customized shop floor instructions
- ✔ Application of mobile technology to field force enabled real-time alert triggers to shop floor operators for change of model and process
- ✔ Integration of database manufacturing processes with manpower skills and training data ensured appropriate allocation of workers to processes and devices
- ✔ Notifications of worker safety on Personal Protective Equipment helped enhance the process

## Business Benefits

**\$1.5 million**

in annual savings from reduced manual processes

**5%**

reduction in time to repair

**5%**

reduction in inventory repair

**20%**

increase in productivity from improved work instruction visibility

Reduced carbon footprint achieved through digitized instruction processes

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