



Let's Solve

Case Study

Online

Manufacturing Work

Instructions for

US-based

Automotive OEM



A Larsen & Toubro
Group Company

Client

US-based Automotive OEM

Challenges

To provide automated operational standards to associates, in order to eliminate missing and outdated printed operation standards and loss associated with inefficient training and reference procedures.

Application Details

Implement an electronic operations standard that is modular and flexible enough to deploy in multiple departments i.e. Weld, Paint, Frame, Engine, and Vehicle Quality for high volume and low volume production.

LTI Solution

Integrated with PDDA, which provides the manufacturing work instructions



Alerts & Notification to shop floor operators for change of process point or work instruction in the assembly

Integrated with Sysystems, which provides the shop floor workers' training & skills data, and accordingly enables decision on workers' eligibility to work on the particular process



Gets PPE (Personal Protection Equipment) from system for processes, requiring safety measures

Available on Tablet, enabling on-the-go information capture & receipt



Images in 'Processes' work instructions can be controlled via a remote control device

Business Benefits Delivered



Reduced printed media in the form of operations standards, bonnet sheets, and the time to manage these items

Improved communication of process change points and part marking will present an improvement in product quality



Reduced manual errors due to availability of updated work instructions

Trained line side associates will help ensure Product Quality



Increased productivity due to Tablet compatibility and Image remote control device, by seeing the images on the spot during assembling.

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