Case Study

Online Manufacturing Work Instructions for US-based Automotive OEM
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To provide automated operational standards to associates, in order to eliminate missing and outdated printed operation standards and loss associated with inefficient training and reference procedures.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 Sysytems, 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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