Case Study
Enhancing Manufacturing Quality for US-based Automotive OEM
Client
US-based Automotive OEM

Challenges
Multiple quality systems across different plants severely effects company’s ability to have consistent quality processes and reliable reporting across all plants.

Ability to diffuse new Manufacturing Innovation across North America is restricted by different Line Control applications.

Application Details
Create a common Manufacturing Quality Information System that provides accurate data and reliable information to support internal improvement of automotive quality and promote confident executive management decisions.

LTI Solution
- Implemented use-case based enhancements to enable following:
  - Create and manage Quality Inspection Control System Master data
  - Real-time defect entry through image / text
  - Repair entry on shop floor
  - Manage inventory movement on shop floor
  - Interface to external systems
  - Ability to track defects and repairs across multiple products
- Fetched manufacturing work instruction and manpower data to back trace any defect caused due to flaw in process instructions, or skill.
Business Benefits Delivered

One Quality System owned, utilized and managed by One Team

A Quality System based on standardized processes, procedures, terms, acronyms, calculations and reports

A system having zero usability variance across sites

Consistent way of measuring & reporting Quality metrics across sites

LTI (NSE: LTI, BSE: 540005) is a global technology consulting and digital solutions Company helping more than 350 clients succeed in a converging world. With operations in 30 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI’s Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivaled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 28,000 LTites enable our clients to improve the effectiveness of their business and technology operations, and deliver value to their customers, employees and shareholders. Find more at www.Lntinfotech.com or follow us at @LTI_Global

info@Lntinfotech.com