



Case Study

Standardizing and Modernizing Manufacturing Quality Applications for **Leading Japanese Automotive Conglomerate**



Client

The client is a Japanese multinational conglomerate, manufacturing automobiles, motorcycles, and power equipment.



Challenges

- ▶ Fragmented and inconsistent manufacturing quality tracking.
- ▶ Variances in reporting quality metrics across plants due to disparate line control applications.



LTIMindtree Solution

- ▶ Created a common Manufacturing Quality Information System to standardize processes, procedures, terms, acronyms, and calculations.
- ▶ Provided ability to enter defects on manufacturing line using an image or text.
- ▶ Enabled tracking of vehicle inventory during repairs.
- ▶ Enabled integration with manpower and process work instruction data to trace defects caused due to flaws in process instructions or line associate skill.



Business Benefits

\$2M

cost avoidance per year.

40%

reduction in manufacturing
line defect entries.

20%

faster Defect Root cause analysis.

Repair time reduced by
15%.

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