



Let's Solve

Case Study

End-to-End Quality Assurance across Value Chain for Global Automobile Manufacturer



Client

The client is a Fortune 500 company and the world's largest manufacturer of two and four wheelers.

Business Needs

- Improve stability of application and reduce high volume of high severity tickets
- Ensure zero downtime of critical applications
- Re-define operating model for testing for transforming into an agile way of working
- Business process-aligned testing to validate end-to-end process spanning across vendor, dealer and agent platforms
- Set-up a knowledge management repository ensuring consistent understanding of business processes across vendor partners

LTI Solution

- Established a gated testing life-cycle, aligning to the client's process framework, thereby ensuring process compliance and on-time quality delivery of releases.
- Provided a client-specific hybrid test automation framework i.e a combination of data driven and keyword framework.
- Over 10,000 component test cases authored and developed an orchestration model for establishing end-to-end scenarios from the components.
- Test data creation and maintenance platform across multiple testing types.
- Implemented end-to-end test management tool with real-time QA dashboards.
- Implemented cross platform automation strategy.
- Leveraged client's document management system for knowledge repository and rolled-out the framework across partners.

Higher application stability
and reduced ticket volume

25% increase in
test coverage



70% effort
reduction for
regression testing
through
automation
leverage

30% improvement in test
cycle time

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