LTIMindtree

Case Study

Hybrid Automation Framework, Enhanced Automation for Leading Automobiles and Motorcycles Manufacturer

With more than seven years of engagement and presence across multiple LOBs, LTIMindtree supported connected vehicles, vehicle assembly, PeopleSoft HR leading to 100% productivity improvement over a period of four years.

Client

The client is a leading manufacturer of automobiles in US.

Challenges

- ▶ To set up test data and automate unstable applications

- ▶ Need for regression testing

- ▶ Deployment scheduled not defined and high deployment frequency for few application

- ▶ Frequent changes to the original scope, requirements or designs for few applications

- ▶ Milestone, fixed-monthly and T&M-based testing support for business-critical application

LTIMindtree Solution

- ▶ Test data creation and maintenance for multiple testing types

- ▶ Capacity management through Core-Flexi resourcing model

- ▶ Defined STLC process to ensure E2E Traceability and support release on time

- ▶ Implemented test management tool across the teams and help track projects through QA dashboard

- ▶ Stitching of component level test cases to build E2E scenarios which ensure full coverage and reduces redundancy

Business Benefits

Significant **reduction** in testing **effort and cost.**

Improved **test coverage by** **20% – 25%.**

Improved **testing cycle time by** **25% – 30%.**

Enhanced **automation coverage from** **40% – 80%.**

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