Case Study

LTIMindtree Canvas Insights Implementation Accelerates Testing for a US Tech Giant

Client

A multinational technology conglomerate in the US, the client develops and manufactures networking hardware, software, telecommunication equipment, and other high-tech services and products.

Challenges

- A critical client facing, revenue-generating and licensing application required frequent business-initiated changes to meet the dynamic market demands. Delay in responding to these changes was impacting both revenue and client satisfaction.

- A large regression suite with 18 instances of Selenium Grid was being run concurrently for each release. This suite, consisting of both automated and manual testing scripts, took a long time to execute every change to the software, thereby significantly impacting speed-to-market.

LTIMindtree Solution

- **Implemented LTIMindtree Canvas Insights for test optimization**

- **Built deterministic correlation between test cases and code**

- **Enabled LTIMindtree Canvas Insights to capture correlation for microservices-based application hosted on docker and container**

Business Benefits

~ 65% reduction

in regression testing efforts leading to faster speed-to-market.

20% reduction

in CI/CD run over a release.

>18% reduction

in code coverage over every deployment.