



## 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.

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