

# Multi-country roll-out of mobile application

Global Tier-1 Bank



## 100%

Multi-level automation with service layer tests fully automated

- 90% of regression tests automated
- 50% defects detected through automation
- Reduced defect TAT by 50%

## Challenge

- Five countries roll-out of mobile application enhancing the bank's digital channel initiative.
- Lack of planned data to give developers for fixing issues.
- Change in perfecto scripting methodology during mid-release.
- Limitation for parallel device execution using perfecto quantum framework.
- To reduce the defect reopens from Dev env. to UAT env.

## Solution

- Data was migrated using load runner tool to match the flow by integrating with multi applications.
- Design & execution done in parallel by the division of two teams.
- Rapid test scheduler tool helped to schedule tests in non-banking hours and parallel device execution performed using different set of test data.
- 86% overall automation done for the test cases at the end of the launch of mobile app for the first country.
- More than 50% for each of the functionality & regression test sets are completely automated.

## Results

- 50% Defects detected through Automation
- 65% tests executed through first time automation
- 90 % of regression tests automated
- Multi-level automation with Service layer tests fully automated – 100%
- Overall test window for one regression run – 8 hours
- Reduced defect TAT by 50%