

Re-platform of the commercial banking architecture

Challenger Bank in UK



65%

ROI achieved through test automation

- 25% cost reduction through regression test automation
- 85% automation was achieved through continuous integration and development (CI/CD)

Challenge

- Embarked on a customer experience transformation program across digital channels
- Re-platforming of the commercial banking architecture
- Legacy internet banking portal for commercial customers which needed modernization
- Integration of the existing core banking and surround applications into a unified customer experience

Solution

- Designed an assurance strategy considering development changes within each sprint to minimise time spent offer maximum coverage
- Created an effective functional test suite backed by robust automation framework
- The test design strategy was formulated as a domain-led, data-driven test design framework that fed into the automation suite
- Continuous regression approach with 90% automation
- Continuous Integration strategy was implemented

Results

- 50% of manual testing effort and 60% reduction in manual unit testing through discrete middleware automation
- Facilitated quicker turnaround through automation packs which catered user experience level validations