

A LARGE FORTUNE 500 BANK SAVES 63% COSTS WITH TEST AUTOMATION

CASE STUDY

KEY HIGHLIGHTS

Industry

Banking

The Challenge

The bank wanted to roll out new features for its online banking application faster but manual testing bogged down the team's efficiency and delayed the release time.

The Solution

Avo Assure, an innovative test automation solution, ensured 100% automation while eliminating the defect slippages.

Benefits

- 100% test coverage
- 63% cost savings
- Test execution time reduced to 3 person-days
- End-to-end test automation

CUSTOMER BUSINESS OBJECTIVES

This bank offers its services through an efficient online banking application apart from its 780 branches across the US. The web and mobile applications provide the convenience of financial transactions done with a simple tap of your mobile screen. From transferring funds and making mortgage payments to viewing detailed transaction reports, online banking enables customers to manage the accounts from anywhere in the world.

To enhance the user experience and equip users with better functionalities, the bank wanted to roll out new features faster, but they first had to overcome the following challenges:

Quickly test new features for the web banking application across the web, mainframe, database, and web services.

Reduce the 25 person-days of effort it took to run one cycle of end-to-end testing involving 1500+ test cases across heterogeneous technologies.

Implement the ideal end-to-end testing over risk-based testing.

Work around niche technology that hampered the seamless execution of testing the application.

Existing test automation tools didn't cover the system's entire breadth and required manual intervention.

CUSTOMER

A large Fortune 500 bank in the US

AVO AUTOMATION SOLUTION

Avo Assure, a robust test automation platform that works seamlessly across heterogeneous applications helped the team achieve the desired results. Here's how:

- Avo Assure rapidly automated all the 1500+ test cases in phases to reap maximum benefits in a short span. The most critical and time-consuming test flows were automated first.
- Avo Assure enabled the parallel execution of test cases, thereby expediting the testing process and delivering results faster.
- Avo Assure allowed the team to carry out end-to-end testing of applications before rolling out the changes to production, thus preventing any defect leakage.
- The test cases for the niche application were also automated, removing the dependency on manual intervention. This empowered the team to be free to do higher-value tasks like adding newer and better functionalities.

BUSINESS BENEFITS

Achieved 100% test coverage by executing 1500+ test cases, twice per release as against <100 test cases in case of risk-based testing.

Achieved 63% cost savings from reduction in effort.

Reduced test execution time from 25 person-days to 3 person-days.

Consistently maintained zero-defect slippages since the implementation of automation.

Enabled end-to-end automation of heterogeneous applications.

