CYBAGE
Delivering Value. Scientifically.

Cybage helped a cloud-based **business intelligence** platform by implementing an **intelligent test automation** solution and delivering a high-quality product in short release cycles

About the Client

A leading cloud-based platform designed to provide direct, simplified, real-time access to business data for decision makers across the company with minimal IT involvement

Services span industries that include finance, life sciences, manufacturing, media, and retail

Helps users view data in one place, socialize important goals, and create accountability

Based in the US and serving 2,000+ customers

Business Needs

Develop and execute an automation test suite to manage a large number of regression and acceptance test runs

Test the app across a wide range of devices and platforms to ensure smooth performance across different devices and simulators

Ensure seamless support for short release cycles and multiple major and minor releases through test automation
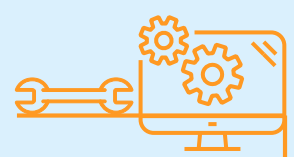
Implement cross-browser testing for the web app

Solutions

Tools & Technology

Automated all regression test cases and integrated with Jenkins for **supporting CI**

Developed and executed tests for a **wide inventory of mobile devices** that included iPhones, iPads, Android phones, Android tabs, Apple Watch, Apple TV, and Samsung Android Gear Watch

Powered by
PROCESS INTEGRATED ENGINEERING

Implemented endpoints and API calls in order to ensure a **robust framework**

Performed **cross-browser compatibility testing** on Windows, Linux, MAC and different browsers including Google Chrome, Internet Explorer, Mozilla Firefox, and Mac-Safari
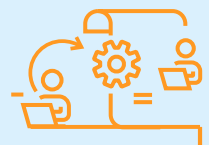
People & Processes

Developed and deployed a **high-performance test solution** from scratch

Accelerated the QA process which helped in making **quicker decisions** regarding release cycle and market launch

Automation **improved time-to-market** deployment and ensured early detection of bugs

Fostered a **100% quality assurance** testing platform with demonstrated expertise in **mobile testing**

Business Impact

For device-based testing

1,637
JIRA issues logged

600+
automated test scripts

97.25%
automation pass rate

For Automation Testing

3000+
test scripts automated

475
test scripts modified

92.68%
automation pass rate

15.62%
regression suite automation coverage achieved

Technology Stack

sonarQube

git

se

Jira

Confluence

appium

TestNG

Cybage Digital Product Engineering Services

Architectural Services

Test Engineering and QA

Transformation Services

Support Services

MarTech

Ensuring quicker time to market through robust quality engineering

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