

CASE STUDY

Data Security Leader Boosts Product Quality With Automation and Expansive Test Coverage

Challenges

Data security is at the top of every company's priority list. Our client is a leader in the space, so they had an ambitious list of goals to achieve:

- Slash release timelines with better QA processes
- Create test plans that integrate new and existing features
- Streamline regression test case execution while developing new features

These came with some major challenges. The QASource team had to quickly learn complex product workflows in a short timeframe and adapt to lightning-fast release cycles.

Additionally, the team had to fill large gaps in test coverage and navigate a highly integrated, API-rich product.

Plus, the client team was spread across several different countries, requiring plenty of regular check-ins and an agile approach to collaboration.

Solutions

Functional Testing

The QASource team started by analyzing gaps in test coverage and developed the required test cases for existing and new features.

Compatibility Testing

To ensure proper coverage, the QA team developed a browser and OS combination test matrix, and tested all major platforms including Windows, Linux, Mac, and Solaris.

About Our Client

The client provides endpoint security protection for their clients, guarding them from damage and loss in the event of a cyberattack. They power the most advanced detection and response services, and support customers ranging from small business to enterprise.

Industry
Data Security

600

Defects Reported and Fixed

Enhanced QA Processes

With Documentation

Seamless Coordination

Across Distributed Teams



API Testing

The product's deep and plentiful integrations were tested with leading API testing tools like REST client and Postman.

Results

- Created 2,200 test cases for existing and new features
- Delivered more than 200 user stories across 4 major product features
- Delivered 4 major releases and 6 hotfixes over one year of partnership
- Increased regression testing coverage to 300%
- Uncovered more than 600 defects in the span of one year

