

# CASE STUDY

A leading insurance company of Ireland reduced testing time and minimized critical defects by leveraging Test Triangle's automation and test Advisory services



**Test Triangle** | [testtriangle.com](https://testtriangle.com)

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**TEST  
TRIANGLE**

Trusted Partner in IT Consulting

# About the **CLIENT**

Our client is one of the leading insurance companies in Ireland, and a member of Insurance Ireland. The organization is a subsidiary of the leading property-casualty and general insurance conglomerate. It is authorized by the Prudential Regulation Authority of the United Kingdom and regulated by the Central Bank of Ireland. It offers an extensive range of insurance products and services in the insurance sector, such as a car, travel, and property and identity theft.



# Project CHALLENGES

The client created an advanced technology business transaction platform to the clients. The company aimed to replace its previous tools with this service-oriented architecture and so client was looking for an end-to-end testing solution for their flagship product. During the process, several significant challenges in the project, as mentioned below:

## **Lack of Complete Test Coverage:**

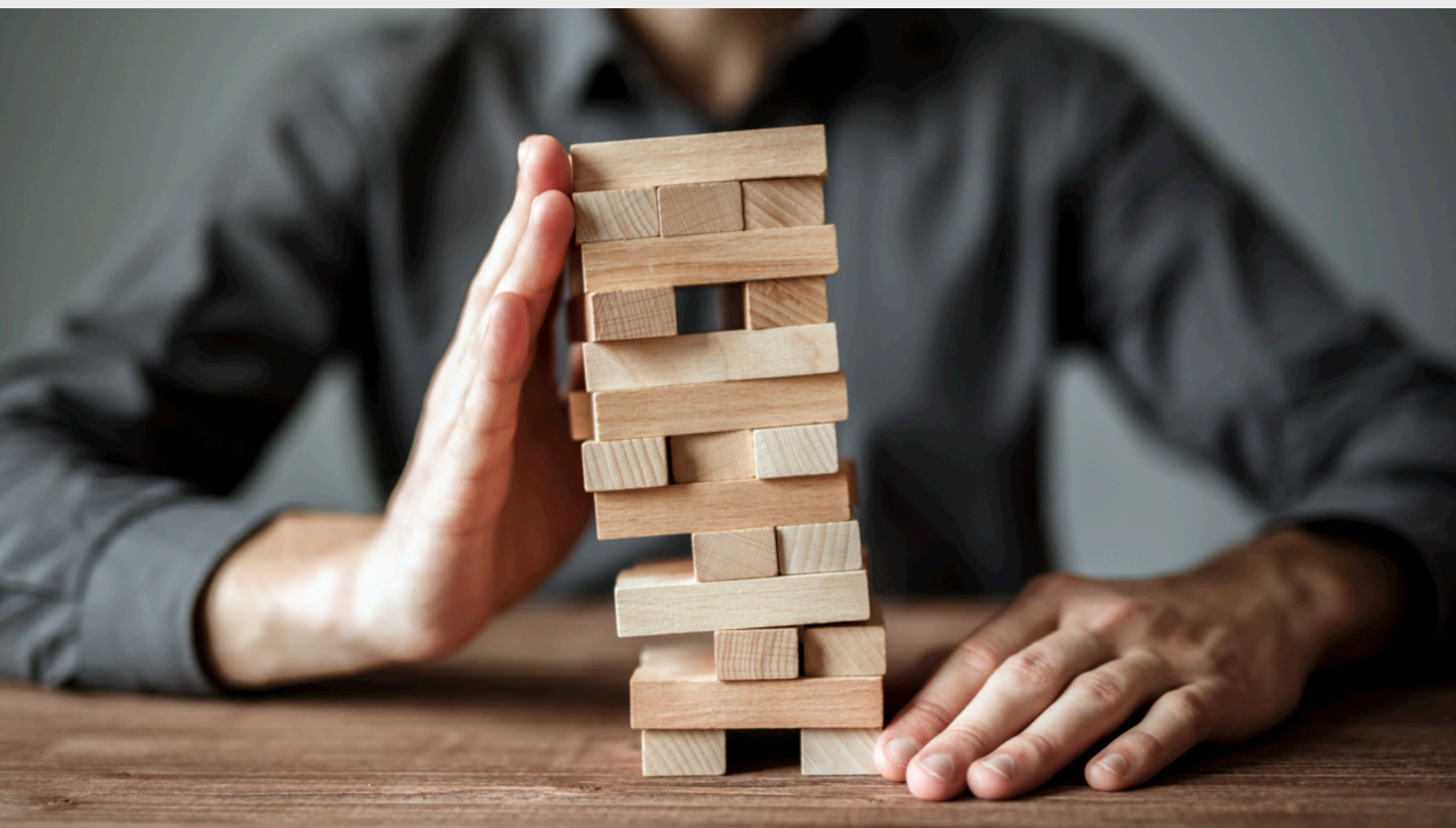
Not having complete test coverage was impacting the overall product quality

## **Limited Timeframe:**

Time to market delivery was another issue which was impacting the quality as initial test coverage did not cover web portal, document production, and live applications

## **Knowledge and Expertise:**

As the product was soon to be launched, the application has to be tested on various benchmarks such as performance, system integration, and compatibility, which needs skills and expertise



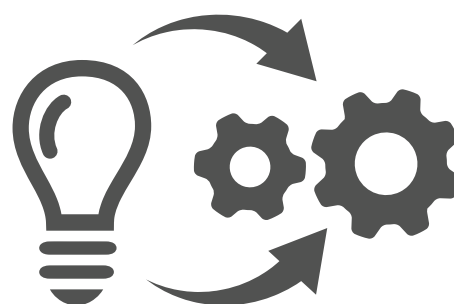
# Solution

## PROVIDED

Although the project scope was extensive, Test Triangle met the client's expectations in a limited time frame. Following solutions were provided by the testing team of Test Triangle:

- A test management tool was adopted to reduce the time and cost of testing lifecycle.
- Our team conducted manual and automation testing of the client's application and conducted regression testing to simplify the interaction of the new system with the previous infrastructure.
- We created a roadmap for automation testing for different documents of knowledge management system

- Automated a large number of applications, which reduced the testing time and increased the test-coverage of the application
- A traceability matrix was created to map the user requirements and assure end-to-end coverage
- Our team conducted non-functional testing, system integration testing and compatibility testing
- Used effective knowledge management methodology to reduce the training time



## Key BENEFITS

- Test Triangle created an automation framework, which delivered the testing on time and increased efficiency
- With the automation framework and reusable scripts, the manual errors were reduced in the testing cycle and product bugs were identified at the early stage of software development
- 70% reduction in testing time due to transition from manual testing to automation testing
- 20% automation efforts reduced with the help of automation framework
- Lowered the project cost by executing productivity
- Enhanced the test case scripting infrastructure and improved the test

# About TEST TRIANGLE

Originally founded in 2012, Test Triangle has become a leader in IT consultancy services providing services in application testing, DevOps, RPA, Custom software development, mobile app development, Atlassian consultancy, niche IT staff augmentation and training in advanced technologies. Test Triangle is headquartered in Ireland; but it also has branch offices in London, United Kingdom, and Hyderabad, India. We have exponentially grown to become a team of 200+ members providing services in different verticals such as Banking & Finance, Utilities, Pharma, Retail, IT & Education etc.

Test Triangle's R&D department has created a propriety platform, Test Outsourcing Dashboard [TOD] which can be used to manage software testing lifecycle using collaboration tools like email, live chat, video conferencing.

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We have also launched a self-service testing platform (the premium version will be released as SaaS solution), which can provide a project overview and real-time updates of the software development lifecycle.

Over the years, we have established the reputation of being a 'trusted partner in IT consulting'. Test triangle is an agile software company, which constantly strives to exceed the expectations of its clients. We adopt the software testing and software application lifecycle to meet the customer's demand in an efficient and reliable manner. With a global workforce, we have proved ourselves in delivering tight-deadline projects.

We are proud to declare ourselves a client of Enterprise Ireland and European commission.



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