

# Delivering Quality Solutions with Manual Testing

## Introduction:

Revealing the failures of a product is the principal task of testing, especially manual testing. Manual testing is an ideal results-oriented solution for small-scale projects that rely heavily on analytical methods. The key advantages of manual testing are the individual approach and intuitive insight of a tester that help to find unique defects and bugs as well as check usability of the product. However, the success of manual testing depends on the depth and completeness of tester's expertise which ensures a high quality output code

## Customer

A leading provider of security-related software

## Industry

Security-Related Software

## Challenge

The challenge was to ensure high quality security solutions. Moreover, the product scope included completely different components of applications varying from social content filters to complex network monitors.

## Business Benefits

- Establishment of well-defined Quality Assurance processes
- Assuring a high quality level according to renowned standards
- Scalable team expansion
- On-time deliveries
- Immediate cost savings for the client

## Solution Overview:

According to the different types of the tested software (server, client, and cloud-based solutions), the ELEKS' team applied the corresponding approaches to the handling the project. However, the main course of action was the following:

### **During the preparation stage of the project, the ELEKS' team performed tasks such as**

- Project documentation and specification analysis. The information regarding the target product was gathered and estimates were provided.
- Product trainings. QA became acquainted with the product itself, its features, third party software and environments.
- Environment preparation. The tech lab configured all the necessary software and hardware for further testing.



**During our test execution stage, we performed the following tasks in a cycle:**

- Schedule analysis that involved coordination between several groups (Dev/QA lab/Doc team etc.)
- Test case processing
- Bug reporting and regression

**During the final testing stages, the following items were processed:**

- Delivering the final binary checks/acceptance test
- Performing post-release checks
- Providing feedback on the RTM build's readiness

**Scope of Services and Advantages**

- Requirements and specifications analysis
- Maintaining the continuous integration processes
- Product quality assurance across multiple platforms
- On-time project delivery
- High performance team allocation with possible expansion

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