

# Large Enterprise Electronics Company

## Introduction

This case study of a large enterprise electronics company is based on a May 2022 survey of Ranorex customers by TechValidate, a 3rd-party research service. The profiled company asked to have their name blinded to protect their confidentiality.

## Challenges

The business challenges that led the profiled company to evaluate and ultimately select Ranorex:

- The challenges they had in testing their application before using Ranorex Studio:
  - Test coverage: a minor challenge
  - Test reporting: a minor challenge
  - Staffing: a minor challenge
  - UI object identification and automation: a significant challenge
  - Flaky/unstable tests: a significant challenge
  - Missing delivery deadlines: a minor challenge
  - Testing quality: a minor challenge
- Using Ranorex Studio has allowed their team to:
  - Implement shift left testing principles: agree
  - Perform more exploratory tests: agree
  - Automatically perform end to end regression testing: agree
  - Schedule testing during off hours: agree
  - Distribute testing workload more efficiently: agree
  - Avoid testing fatigue and costly mistakes: agree
  - Address more challenging development projects: agree
  - Involve non-technical team members: agree

## Use Case

The key features and functionalities of Ranorex that the surveyed company uses:

- The key features, functionalities, and factors that led them to choose Ranorex Studio:
  - Ranorex Recorder capture and replay
  - Ranorex Spy tool and RanoreXPath
  - Remote testing
  - Data-driven testing
- How often they use Ranorex Studio: daily
- Their general approach when using Ranorex Studio for test automation:
  - Ranorex Studio Code driven
- The tools that are important for them to integrate with Ranorex Studio:
  - Azure DevOps Pipeline
  - GitLab CI/CD
  - Jenkins
  - Team Foundation Server
  - TeamCity
- The platforms or technologies they test with Ranorex Studio:
  - Desktop – C#
  - Desktop-WinForms
  - Desktop – WPF
  - Web app

## Results

The surveyed company achieved the following results with Ranorex:

- Where they have gained the most productivity ROI in their testing by using Ranorex Studio: regression testing
- How using Ranorex Studio for test automation has impacted their company:
  - Increased tester productivity: 36-50%
  - Increased product quality: 50+%
  - Increased product revenue: 36-50%
  - Reduced testing costs: 50+%
  - Reduced development time to market: 36-50%
  - Reduced manual testing: 36-50%
  - Reduced tester fatigue: 36-50%
  - Reduced developer time used for testing: 36-50%
- Level of agreement to the following statements about Ranorex Studio:
  - Meets their original purpose for the product: agree
  - Is more powerful than expected: strongly agree
  - Is easy to implement and configure: agree
  - Has helpful documentation, training, and support: agree

### Company Profile

The company featured in this case study asked to have its name publicly blinded because publicly endorsing vendors is against their policies.

TechValidate stands behind the authenticity of this data.

Company Size:  
**Large Enterprise**

Industry:  
**Electronics**

### About Ranorex

Ranorex is a GUI test automation framework for testing of desktop, web-based and mobile applications.

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