# OJC CONSULTING

# QUALITY MANAGEMENT AND TEST AUTOMATION FOR THE UPGRADE OF A MAJOR P2P PROJECT

## EIFFAGE

Ivalua upgrades are absolutely key to take full advantage of the platform innovations and new features, as well as security, UI and performance improvements. Eiffage has leveraged the Automated Testing Platform of OJC Consulting to maximize the benefits and minimize the cost of their Ivalua upgrade.

## ivalua

## Key facts

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|---|---|
| **16 000** Users | **1 million** Catalog items |
| **150 000** suppliers | **133 000** orders per month |
| **2 650** test case executions | **238** hours saved of manual testing |
| **318** test scenarios | **1 300** screenshots for each run |

## Project objectives

- **Quickly benefit** from Ivalua's newest features and innovations

- **Limit the impact** on users and suppliers

- **Guarantee the full availability of pre-existing features with no regression**

- **Minimize the cost** of UAT while ensuring 100% quality

- **Capitalize** on test automation for platform maintenance and future upgrades

- **Facilitate user documentation maintenance** thanks to a constantly up-to-date bank of screenshots

## Context

Eiffage is a major building and civil engineering company headquartered in France and with operations in 50 countries. Since 2017, OJC Consulting have been Eiffage's implementation partner for their Ivalua platform.

The solution is used by more than 16,000 employees across France for P2P, covering direct and indirect spend. The complexity of the project comes from its very high volumes as well as the advanced processes allowing Eiffage to collaboratively handle 133 000 orders per month on the platform with their suppliers.
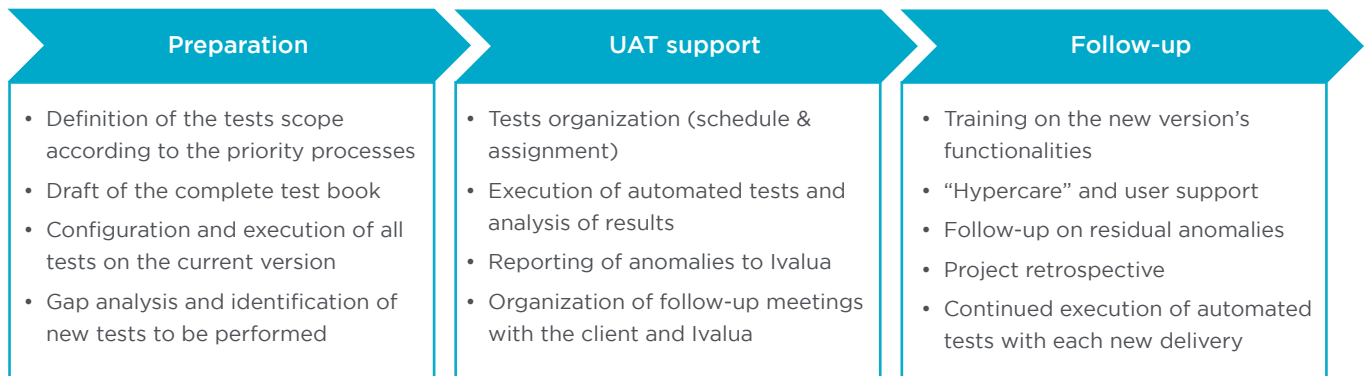
By **defining test scenarios** before the upgrade and **automating** their execution with the OJC Testing Platform, Eiffage has been able to **accelerate and secure the upgrade**, while reducing the time spent on spotting issues and checking their resolution.

# OJC HAS MORE THAN 16 YEARS OF EXPERIENCE ON IVALUA UPGRADES AND HAS DEVELOPED A UNIQUE METHODOLOGY AND TEST PLATFORM

As deployment partner of Eiffage for the Ivalua platform, OJC has deployed the full P2P suite since 2017 and has been in charge of all enhancements and maintenance. Acting as interface between Eiffage and Ivalua, OJC assists as well with Project Management, Change Management, and User support.

Upgrades are done by Ivalua while OJC helps Eiffage with preparation, UAT support and follow-up.

## Preparation

- Definition of the tests scope according to the priority processes
- Draft of the complete test book
- Configuration and execution of all tests on the current version
- Gap analysis and identification of new tests to be performed

## UAT support

- Tests organization (schedule & assignment)
- Execution of automated tests and analysis of results
- Reporting of anomalies to Ivalua
- Organization of follow-up meetings with the client and Ivalua

## Follow-up

- Training on the new version's functionalities
- "Hypercare" and user support
- Follow-up on residual anomalies
- Project retrospective
- Continued execution of automated tests with each new delivery

## The OJC Automated Testing Platform

OJC has developed a **test platform** dedicated to Ivalua projects, which **reduces the time** spent on tests by up to 90%.

Complete non-regression test sets and fully functional scenarios can be launched in **one click**, and **at any time**.

With more than 100 built-in test functions covering all aspects of the Ivalua platform (including UI, workflows, data interfaces and user rights), our platform takes **screenshots** at each step and helps document your Ivalua project and your quality proving process.

## Benefits & results

- **Easy and fast execution** of all tests covering end-to-end processes

- Test scenarios and automation capitalized for future upgrades

- UAT **schedule and deadlines met** despite last-minute deliveries

- **Tests run on several environments**, including Pre-production

- **Discussions with Ivalua facilitated** thanks to a better identification of issues

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OJC's support and robust methodology has been key to the success of our project and to the high appreciation of the Ivalua platform among our employees and suppliers. Automating tests has helped reduce drastically the cost of UAT and gain higher agility.

Laurent Guthmuller
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**Eiffage**

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