Swiss Mobiliar

Accelerating multi-platform and cross-browser automated testing through shift-left collaboration with agile developers

Who is Swiss Mobiliar?
Swiss Mobiliar, founded in 1826, is Switzerland’s oldest private insurance provider and is organised as a cooperative. With over 2.1 million customers, it’s the Swiss market leader in household insurance, commercial insurance and pure-risk life insurance. Driven by entrepreneurship, innovation, and creativity, Swiss Mobiliar has grown beyond market expectations for several years.

Accelerate Testing with a Single Test Framework
Swiss Mobiliar sells its insurance through a Swiss-wide network of agents. Agents rely on a suite of applications to manage their customer queries, insurance policies, and claims documents. With web-based, mobile, and Java-developed applications, all on different release schedules, testing can be a challenge, as Elisabeth Schaniel, Test Automation Engineer, at Swiss Mobiliar explains: “As a company, Swiss Mobiliar embraced DevOps and agile methodologies a few years ago. We are still in a hybrid model, but many of our applications now follow an agile approach that deploys changes on nearly a daily basis. As a testing team, we felt it would be helpful to adopt an automated testing solution that would enable us to collaborate more effectively with our development colleagues while accelerating our testing efforts. We like the flexibility offered by Micro Focus UFT Developer as it gives us the opportunity to deploy the same test framework across multiple technologies and development languages. Other solutions we looked at worked great with web applications, but didn’t support Java, which is the basis of one of our most business-critical applications; in daily use with over 5,000 people.”

Seamless Integration and Multi-Platform Support
UFT Developer was implemented in-house, and the team took the opportunity to create an automated test framework, with an emphasis on a suite of applications to manage their customer queries, insurance policies, and claims documents. With web-based, mobile, and Java-developed applications, all on different release schedules, testing can be a challenge, as Elisabeth Schaniel, Test Automation Engineer, at Swiss Mobiliar explains: “As a company, Swiss Mobiliar embraced DevOps and agile methodologies a few years ago. We are still in a hybrid model, but many of our applications now follow an agile approach that deploys changes on nearly a daily basis. As a testing team, we felt it would be helpful to adopt an automated testing solution that would enable us to collaborate more effectively with our development colleagues while accelerating our testing efforts. We like the flexibility offered by Micro Focus UFT Developer as it gives us the opportunity to deploy the same test framework across multiple technologies and development languages. Other solutions we looked at worked great with web applications, but didn’t support Java, which is the basis of one of our most business-critical applications; in daily use with over 5,000 people.”

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ELISABETH SCHANIEL
Test Automation Engineer
Swiss Mobiliar

At a Glance

Industry
Financial Services—Insurance

Location
Switzerland

Challenge
Increased testing requirements for a growing number of platforms, browsers, and devices and keeping up with the pace of application change due to agile development

Products and Services
Micro Focus UFT Developer
Micro Focus UFT Mobile

Critical Success Factors
+ 37% weekly productivity improvement by replacing three hours of daily manual testing with fully automated tests
+ Collaboration with agile developers using the language, IDE, and framework of choice
+ Faster test script creation through effective reuse and object recognition
+ Shift-left automated testing increases test coverage and application quality
“We know UFT Developer and UFT Mobile are the right solutions for our team’s productivity. With the test automation giving us a weekly time saving of 15 hours, amounting to 37 percent productivity improvement, we now test more extensively, and test scripts are created faster.”

THOMAS WÜRSTEN
QA Team Manager
Swiss Mobiliar

Weekly Time Saving of 15 Hours
On a daily basis, up to 30 end-to-end tests are executed automatically, early in the morning. The increased transparency of automated test execution is clear. When the team arrives, they check the results dashboard with detailed descriptions of test execution flow, and clear, actionable reasons for test failures. The entire automated test run takes approximately one hour. This replaces a manual three-hour process and needs no supervision, leaving the team free to collaborate with business stakeholders and create more in-depth tests. “Leveraging UFT Developer, we notice that new test creation happens faster every time, as a result of effective script reuse and experience within the team. Automated testing gives us a higher quality application and we are safe in the knowledge that human errors are excluded from the process,” comments Schaniel.

QA Team manager Thomas Würsten concludes: “We know UFT Developer and UFT Mobile are the right solutions for our team’s productivity. With the test automation giving us a weekly time saving of 15 hours, amounting to 37 percent productivity improvement, we now test more extensively, and test scripts are created faster. We appreciate the partnership we have developed with Micro Focus and feel very well supported, not only in all our present activities, but also with future plans.”

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Applications included in test
- Web-based
- Java-based
- Mobile

Deployment environment
- IntelliJ IDEA (IDE)
- TeamCity (CI Server)

Development methodology
- Agile