INT4 IFTT

Your soft landing in SAP Integration testing

CASE STUDY

SAP PI/PO MIGRATION

One of the most common use cases for test automation is SAP PO migration. We would like to share with you the progress and the characteristics of the recent project that involved **Int4 IFTT.** Presented Case Study is about the leader in the **pharmaceutical** industry.

THE CHALLENGE

The scope of a project

SAP PI dual-stack migration into **SAP PO 7.5**

Problems to solve

1 Broad scope and volume of messages.

2 Lack of full knowledge, how some of the scenarios work.

3 Small team comparing to the project scope.

4 Tight schedule. The project schedule was dictated and limited by an upcoming large S/4HANA project and the end of support for SAP PI 7.31 that will happen at the end of this year.

5 No testing support outside the team, due to the technical nature of the project.

THE SOLUTION

The management team consciously noticed that **test automation** is the only way to perform the migration smoothly and decided to choose **Int4 IFTT** tool for it.

FAST SECURE AUTOMATION

"
*The most important fact is **zero critical issues** during the production hyper care period. Besides, the customer was satisfied and felt safe during it, having very good evidence of regression testing.*
"

Michał Kowalczewski
Int4 IFTT Product Manager

Virtualization feature

Int4 IFTT tool gives the users freedom of testing. **Virtualization** of all the sender and receiver systems. The team will not need to work with non-SAP parties to trigger the test data until the final UAT. The 3rd party systems are no longer needed to perform the **SAP landscape testing.**

Automated testing

The role of Int4 team in this project was to provide a platform for test automation and enable building the regression test cases by **Int4 IFTT** and its robotic crawler. The robotic way of test case creation was an amazing booster. **Automatic test case creation** based on the robotic approach and scanning the production SAP PI system made the work faster, easier and much more effective.

Test Driven Development

Int4 team has also changed the project delivery methodology to **Test Driven Development** using Int4 IFTT. The tool impacts not only the testing, but the project delivery thanks to the **shift left**, and test-driven development (TDD) approaches.

"
*This history was a fantastic victory for **agile project delivery**. All of it was only possible thanks to the open heads and highly motivated and passionate team. Thanks to them, **Int4 IFTT** could show its strengths.*
"

Michał Kowalczewski
Int4 IFTT Product Manager

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PAINS

— The team was to small to deal with the large scope of project. That required involvement of third party and generated **huge costs**

— Some **scenarios were older** than the team that was maintaining them. Lack of full knowledge could result in **lower efficiency and insecurity**

— **Limited time** because of the upcoming large S/4HANA project and the end of support for SAP PI 7.31

GAINS

+ Significant **cost reduction** due to the low involvement of external partners (customers, vendors) and business and non-SAP systems resources

+ **100%** assurance of meeting all business requirements by **automated testing** for thousands of cases

+ Enablement of the **Test Driven Development** (TTD) approach

> *This project was a* **win-win** *for all involved parties. Our customer executed the migration smoothly and with confidence. Int4 team collected valuable feedback and implemented various improvements in the Int4 IFTT tool which will benefit also future migration projects.*
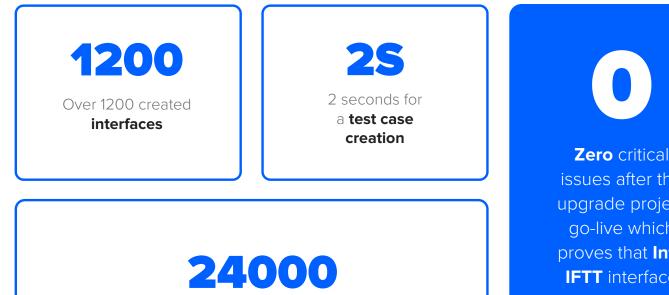
Tomasz Maćkowski
SAP Solution Architect & Full-Stack Developer at Int4

Int4 IFTT means...

...Codeless Test Automation for SAP systems integration

Enterprise Integration of SAP systems is often based on reusing the existing components and that requires a careful regression testing. It's even more of a challenge now, as concepts such as continuous integration and continuous delivery are becoming a common practice. Faster development pace sets a high bar for testing tools, as it demands continuous testing.

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CONCLUSION IN NUMBERS

1200
Over 1200 created **interfaces**

2S
2 seconds for a **test case creation**

0
Zero critical issues after the upgrade project go-live which proves that **Int4 IFTT** interface regression testing was complete

24000
24000 **test cases** created and executed

For more information,
contact Int4 at **sales@int4.com** or
visit **www.int4.com/iftt**

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