

# SAP PO->IS Migration

## Customer Success Stories

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# Int4 at a Glance

## ● About Int4

Int4 AG is an SAP Partner and a market leader in test automation of SAP systems integration.

**Int4 IFTT – No Code/Low Code, citizen automation, SAP API testing and virtualization solution (including iPaaS migration edition)**

# 10+

**Years of  
Int4**

Sometimes we still can't believe it but our journey started 10 years ago! We are proud of it but also excited for the next decades. New challenges and opportunities motivate us to be stronger and better. The best is yet to come!

**Founded in: 2010**

# 116+

**Projects**

We have successfully executed 116 international megaprojects, not counting (what we like to call) small scale projects.

**Headquarter: Zug,  
Switzerland**

# 40+

**Employed  
specialists**

We are proud to say that we have over 48 prominent experts in the SAP industry and it's just the beginning.





# TRANSFORM **EXPERIENCE.** TRANSFORM BUSINESS.



USD 8.9 BILLION  
REVENUE



OVER 140  
NATIONALITIES



OPERATING IN 44  
COUNTRIES



143,000+  
IDEAPRENEURS



SAP IS 25% of APPLICATIONS  
REVENUES



1500+ SAP  
ENGAGEMENTS

## **HCL**

## **SAP PRACTICE**

**Services, IP, Products, Labs**



350+ SAP CUSTOMERS



9,500+  
SAP CONSULTANTS

## **WE DELIVER THE EXPERIENCE-CENTRIC INTELLIGENT ENTERPRISE**

**Digital Core  
Supply Chain**

**Customer  
Experience**

**People  
Experience**

**Digital  
Platform**

**Analytics**

**Digital Core  
Finance**

**Enterprise Asset  
Management**

**Delivery  
Excellence**

**Technology,  
Infrastructure  
& Cloud**

**Transformation  
Excellence**

- S/4HANA MOVE Partner
- S/4HANA Beta Partner
- S/4HANA SOLEX Partner for EAM/MRO by HCL
- S/4HANA CEI Partner for Digital Supply Chain
- SAP HANA Data Management Suite Test Partner

- Member SAP Cloud Platform Advisory Council for Innovation
- SAP Cloud Platform, Customer Adoption Program Partner
- Leonardo Medallion Partner
- Leonardo ML/AI Foundation & CoPilot Skill Builder Partner
- Leonardo IoT Global Strategic Partner Network

- Leonardo Blockchain & IoT Co-Innovation Launch Partner
- SAP Asset Intelligence Network Beta Partner
- Ariba BPO Certified Partner
- SuccessFactors Global Partner
- C/4 GOLD Partner

# Client Case Studies

## HCL's experience in migrating integration workloads from SAP PI/PO to CPI

Geo	US	US	UK
Scale	<ul style="list-style-type: none"><li>Multi-country, 20,000 employees, \$5.5 Bn</li></ul>	<ul style="list-style-type: none"><li>Global, \$4 Bn, Multiple brands, 5000 employees</li></ul>	<ul style="list-style-type: none"><li>Budget – 600 Mn Pounds</li></ul>
Industry	<ul style="list-style-type: none"><li>Food and Beverage</li></ul>	<ul style="list-style-type: none"><li>Consumer Goods</li></ul>	<ul style="list-style-type: none"><li>Government</li></ul>
Integration Scope	<ul style="list-style-type: none"><li>600+ interfaces spread across different middleware platforms – PI/PO, CPI Neo, WebMethods</li></ul>	<ul style="list-style-type: none"><li>200 interfaces implemented on SAP PI</li></ul>	<ul style="list-style-type: none"><li>80 interfaces implemented on SAP PI</li></ul>
Description	<ul style="list-style-type: none"><li>Started a middleware transformation program to transition integration workloads to Cloud Platform Integration Suite on Cloud foundry in a phased manner.</li><li>Objective is to transform legacy interfaces to modern integration flows using following principles<ul style="list-style-type: none"><li>Leverage the API first approach</li><li>Implement reusable process flows and mapping artifacts based on unique integration patterns</li><li>Use the flexibility of iPaaS.</li></ul></li></ul>	<ul style="list-style-type: none"><li>Completed a PoC on CPI on Cloud Foundry</li><li>Starting first phase to create integration flows on CPI Cloud Foundry to replace existing PI interfaces.</li><li>Objective is to migrate the interfaces from an old version of SAP PI environment to a modern iPaaS platform in order to reduce the risk to business continuity.</li></ul>	<ul style="list-style-type: none"><li>Started the project to create integration flows on CPIS on Cloud Foundry to replace the interfaces on SAP PI</li><li>Focus is to perform a technical migration with minimum disruption to sender and receiver systems, not middleware transformation.</li><li>Key driver – Futureproof the landscape by migrating to a modern iPaaS in alignment with SAP's strategy</li></ul>

### Our Experience

- Start with an Integration Assessment to confirm the project objective (technical re-write or transformation) and scope (driven by technical feasibility analysis)
- Leverage the strengths of CP Integration Suite – An intuitive developer experience leveraging Apache Camel framework, leverage standard content, API management capabilities, create reusable content (guidelines) using Integration Content advisor, capabilities to support Event driven architecture
- Consider technological nuances – implementing Quality of Service, data storage limitations, message logging capabilities, communication channel capabilities, choice of Hyperscaler, Change and Transport management
- Follow phase-wise approach, focus on identifying patterns, leverage APIs from sender and receiver systems as much as possible
- Automation – Automate migration of straightforward scenarios via tools & accelerators, Use testing tool for testing on scale

# What is the problem?

## How to move from SAP PO to SAP IS safely?

- Customers will look for an opportunity to delay the migration, unless...
- ...they are provided with low risk, low-cost solutions to do the migration
- ...they can get additional value from the migration project

**SAP PO**



**SAP IS**

# Case study 1 - 2020 – first project – Amsty - migration to SAP CPI on Neo

## SAP PI 7.4 migration to SAP CPI

### AmSty & Int4



Int4 Interface Testing Tool (Int4 IFTT) allowed AmSty to quickly and efficiently move to SAP CPI in a fraction of what was previously envisaged possible.

The no-code Int4 IFTT user interface empowered our SAP functional configurators to feel confident about the integrity of our new CPI messaging platform.

Every member of the Int4 consulting services staff was a true professional! We were delighted with the outcome of this collaborative consulting services engagement.

### Challenge

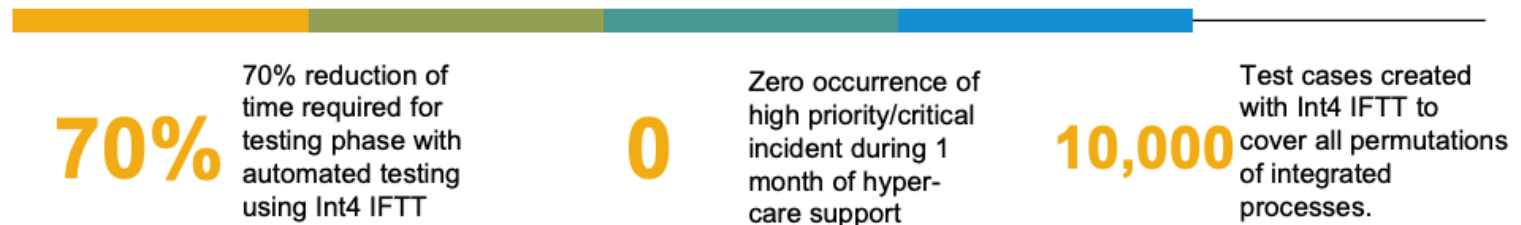
SAP announced that SAP Process Integration(PI) 7.4 Dual Stack was out of maintenance as of 31 Dec 2020. AmSty thus had to upgrade their PI system to SAP NetWeaver 7.5 OR migrate to SAP Cloud Platform Integration (CPI).

### Solution

To future-proof their investment, AmSty elected to recreate their 40 existing PI interfaces to CPI; to adopt SAP Cloud Platform Alert Notification Service; and to adopt SAP Identity Authentication Service and Identity Provision Service. AmSty utilized Int4 IFTT to automate SIT and regression testing processes.

### Outcome

All existing SAP PI interfaces were successfully productionalized in CPI in just twelve weeks. Int4 IFTT was instrumental in expediently validating CPI configurations and thus served as a key project accelerant.



# Case study 2 – famous restaurant from Sylt Island – migration to SAP IS on CF

## THE CHALLENGE

### The context

Move from SAP PO to SAP IS (Cloud Foundry)

### The problem

No business users to test the migration – it needs to be done completely by the development team.

**Fetch test cases from SAP PO production and run them over SAP IS Cloud Foundry**

#### **Test driven development**

- 1. Collect messages from PO production using IFTT**
- 2. Create integration flow stubs on CPI**
- 3. Set up IFTT test execution on the new iFlow stubs**
- 4. Developers start and test integration with no external systems, already on development box**

# What do we need?

## Two perspectives

### Development

- No central repository for data types
- RFC lookups (mappings, enh determination)
- ABAP Proxies
- Monitoring

### Operations

- Functional Testing

How to  
automate this?

How to  
eliminate this?

SAP PO

??

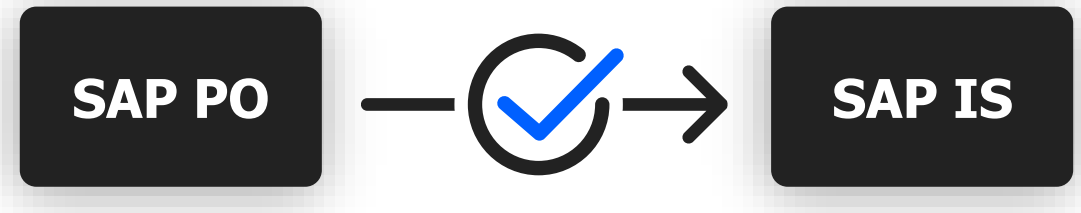
SAP IS



# Introducing **Int4 IFTT (iPaas migration edition)**

## **Int IFTT (iPaas migration edition)**

Migrate and test Your SAP PO interfaces to SAP IS in fraction of the time!



### **Core product features:**

- Migration Scope Management
- Pre-Built Alternatives Suggestion
- Migration Complexity Estimation
- Automatic ICO to iFlow Migration
- Migration Status Overview
- Business-relevant Test-case extraction - *based on IFTT*
- Test Execution Automation - *based on IFTT*
- Test Reports - *based on IFTT*



### **Full migration possible for:**

- Integrated Configuration Object to Integration Flow - various sender/receiver combinations supported
- Message mapping with source/target definition
- Channel configuration details (for supported adapters like SOAP, IDoc, REST/HTTP)
- Classical configuration
- XSLT mapping
- Synchronous scenarios with request and response mapping

## Case study 3 – World's largest privately-held spirits **company from Cuba**

### THE CHALLENGE

**The context** Automate the migration itself with Int4 IFTT – iPaaS migration edition

**The problem** Eliminate as much as possible the need to migrate SAP PO to SAP IS in manual way.

*First project ongoing  
to prove it's possible!*

**Automate migration of  
SAP PO objects to SAP IS**

**Combine it with the  
standard Int4 IFTT  
testing functionality**

**Hide the complexity  
behind a single functional  
cockpit**

**Solution Demo - Demo for automated migration from SAP PO to SAP  
IS**

**Be amazed!**

# Zero-out entire classes of tasks and massively reduce risk!



### Minimal effort

of creating test cases using the IFTT proven Repeater's functionality: case creation based on **existing middleware messages**.



### Robotic

and fully **automated test case creation** crawler which runs on selected SAP PO landscape and searches for available test cases



### Automated Execution

of thousands of test cases is a matter of **minutes not days**.



### No additional hardware

is required. Int4 IFTT is a certified SAP Add-on. Deployed on SAP Solution Manager or other ABAP based system. Or we can run it from our servers.



### Complete scope

**in one place**. List all ICO's, select Your scope, automate migration where possible, use pre-packaged solution where applicable and complement manually where needed. Then test it all, all from **single cockpit!**



### Reduce risk

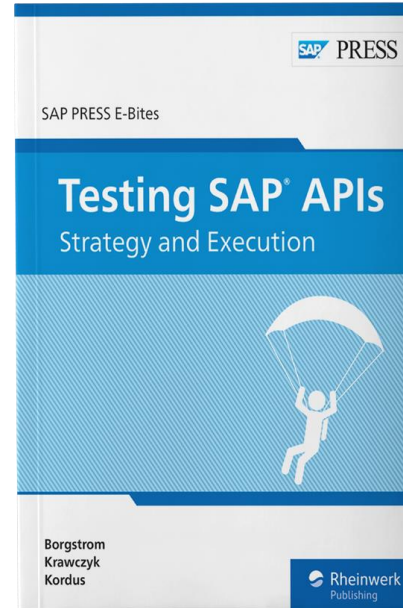
thanks to full monitoring and reporting over the entire process, your project management and **audit-quality reporting** is available straight from the tool. No need for extra lists or tables.

# Education from Int4?



## Virtualize and Automate Your SAP Testing Using Int4 IFTT

Over 7.500 Participants



## Testing SAP APIs: Strategy and Execution

Product Information



Michal Krawczyk

September 9, 2021 | 2 minute read

## Automate your SAP PO to SAP IS migration with Int4 IFTT iPaaS migration edition

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Easy migration to the cloud

When Int4 took a part in a #Hack2Build initiative from SAP Co-Innovation Lab – [here](#) the main idea was to extend our best in class proven Low Code/No Code, Citizen automation, SAP API testing solution – Int4 IFTT which is used by many global companies to test and virtualize SAP interfaces (SAP PO, SAP IS, SAP S/4HANA) with the functionality to automate the migration process itself. As a result of this journey we came up with a new edition of Int4 IFTT called – iPaaS migration edition.

## Blog on SAP community pages



[www.int4.com](http://www.int4.com)



# Thank you!

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