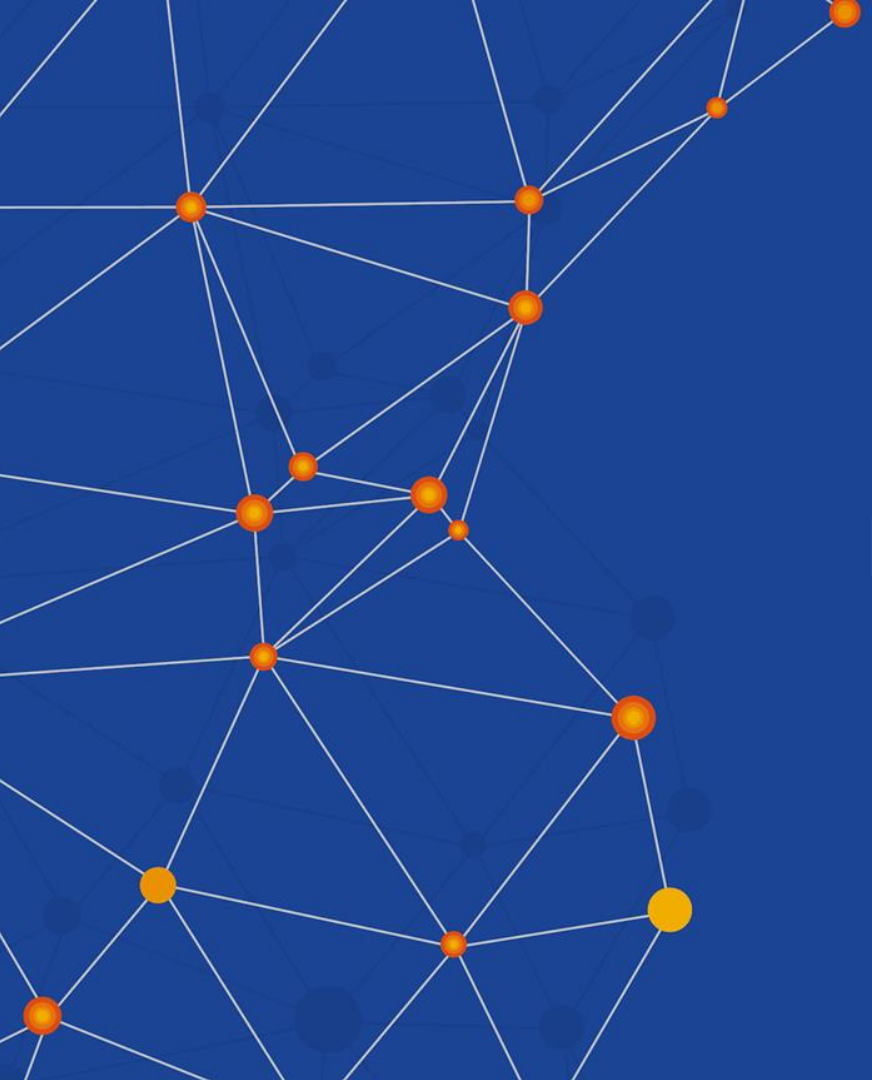


Figaf

SAP Garage Series

Integration Migrations

Daniel Graversen
Senior SAP Integration Expert, Figaf Founder

Daniel Graversen

Figaf

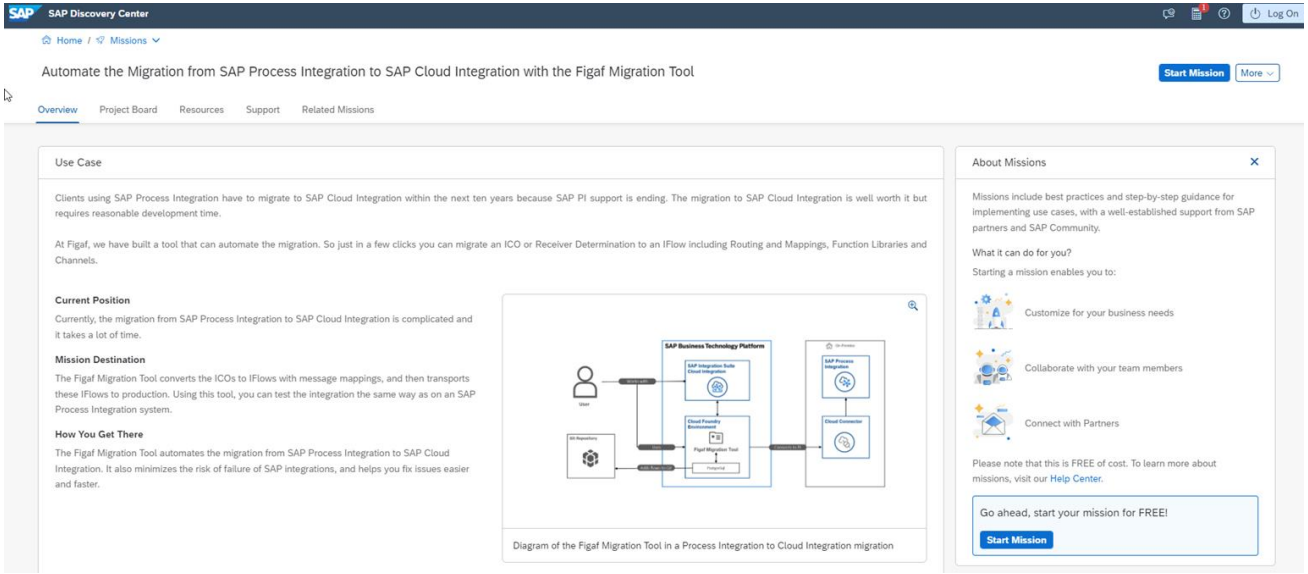
- Worked with SAP Integration from SAP XI 3.0 in 2004
- SAP Mentor and presented at SAP Teched
- Fascinated by making it much easier to improve the speed of development
- Worked as Integration Architect and developer
- Founded Figaf to simplify integration

Figaf

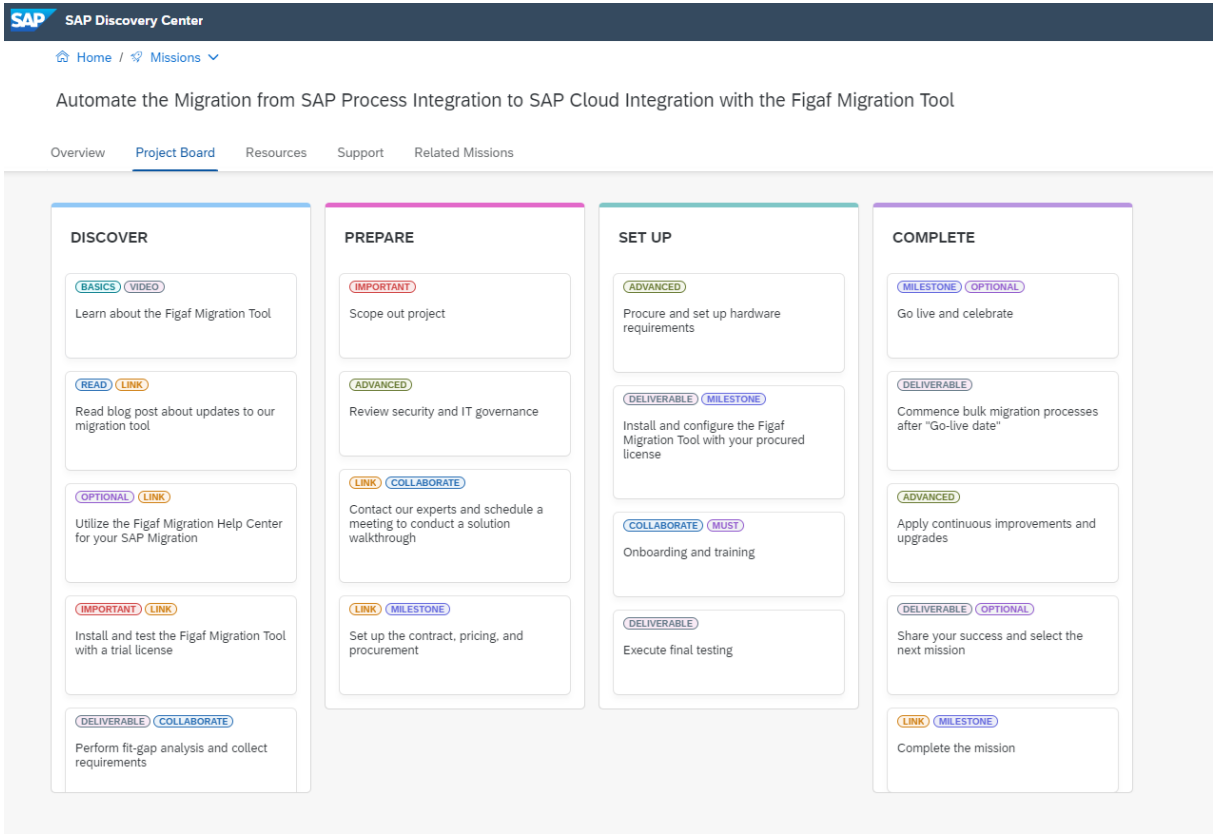
Creating tools to simplify SAP Integration operations for 6 years

- Started with testing tool for SAP PI/PO
- Version of SAP PI object to improve governance
- Added transport capabilities
- Added option to support for SAP Cloud Integration(CPI)
- PI to CPI migration on the platform

Discovery Mission



Project board



Why SAP Cloud Integration over PI/PO

Future platform for SAP Integration

Modern platform

Create better integration especially for cloud integration

IPaaS platform and lower operations cost

There is also a few things that still needs to be improved (ie, governance and operation)

SAPs effort with migration

SAPs migration factory, is there to help you migrate (link)

SAP are working on improving the process of migration. They will have a new tool for handling migrations in beta Q4 2022 and GA in Q1. I don't know what the tool will be able to perform and the roadmap for it.

SAP have an assessment tool you to let you understand the complexity of your landscape and effort for migration.

Working with partners like Figaf to help with test automation (in progress)

History of our migration tool

Requested by customers but did not seem feasible

MAY 2021

Participated in Hack2Build to experiment

Won Hack2Build to create an automation tool

Enhanced development of the tool to productive use demo vs real life case is different

SEPTEMBER 2021

First clients used tool to automate their migrations

Continued development

Why do we want to automate migrations?

Create consistency

Speed up the process

Spend our money on the things that matter

Make migrations easier to manage

Easier to test

Free up developers

Can everything be migrated?

No

But there will be cases where you will want to redesign the integration because it will be better

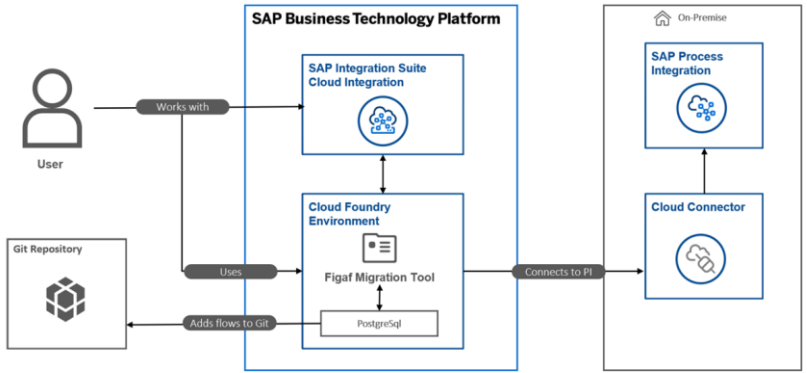
If we can migrate

70%

then it is good

Why Deploy in SAP BTP

- Simplify deployment for customers and our support
- Few weeks to migrate our Java App to BTP
- All customers have the same
- User management
- Data privacy and security



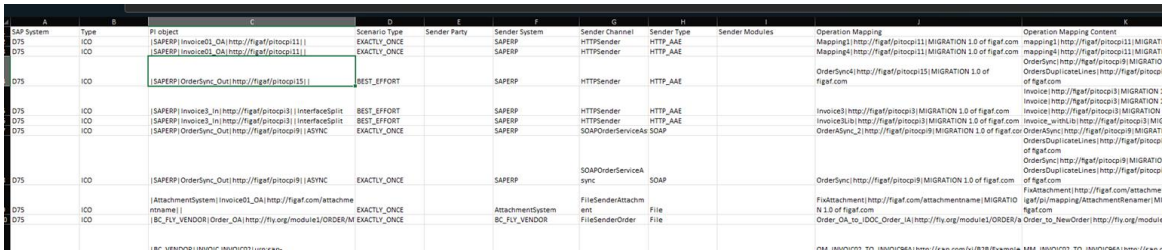
Assessment of your current landscape

Figaf

Understand your landscape and what you need to migrate

Get the Figaf Excel report

- All ICOs/Receiver Determination
- Mappings types
- UDF
- Channel and modules
- Message count

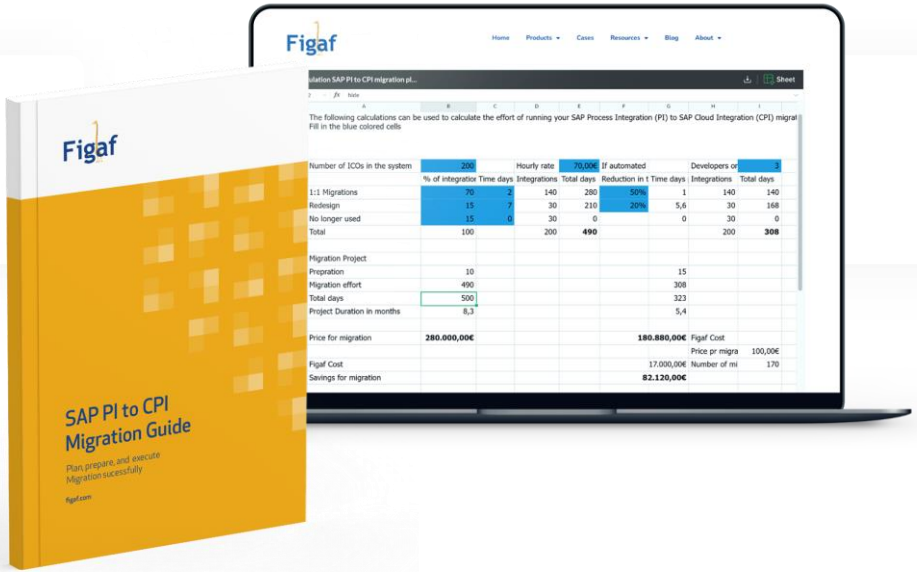


SAP System	Type	PI object	Scenario Type	Sender Party	Sender System	Sender Channel	Sender Type	Sender Modules	Operation Mapping	Operation Mapping Content
D75	ICO	|SAPERP|Invoice01_OA|http://figaf/pitocpi11||	EXACTLY_ONCE		SAPERP	HTTPSender	HTTP_AAE		Mapping1|http://figaf/pitocpi11|MIGRATION 1.0 of figaf.com	mapping1|http://figaf/pitocpi11|MIGRAT
D75	ICO	|SAPERP|Invoice01_OA|http://figaf/pitocpi11||	EXACTLY_ONCE		SAPERP	HTTPSender	HTTP_AAE		Mapping4|http://figaf/pitocpi11|MIGRATION 1.0 of figaf.com	mapping4|http://figaf/pitocpi11|MIGRAT
D75	ICO	|SAPERP|OrderSync_Out|http://figaf/pitocpi15||	BEST_EFFORT		SAPERP	HTTPSender	HTTP_AAE		OrderSync4|http://figaf/pitocpi15|MIGRATION 1.0 of figaf.com	OrderSync|http://figaf/pitocpi9|MIGRATIO OrdersDuplicateLines|http://figaf/pitocpi of figaf.com
D75	ICO	|SAPERP|Invoice3_In|http://figaf/pitocpi3||InterfaceSplit	BEST_EFFORT		SAPERP	HTTPSender	HTTP_AAE		Invoice3|http://figaf/pitocpi3|MIGRATION 1.0 of figaf.com	Invoice|http://figaf/pitocpi3|MIGRATION Invoice|http://figaf/pitocpi3|MIGRATION Invoice|http://figaf/pitocpi3|MIGRATION
D75	ICO	|SAPERP|Invoice3_In|http://figaf/pitocpi3||InterfaceSplit	BEST_EFFORT		SAPERP	HTTPSender	HTTP_AAE		Invoice3Lib|http://figaf/pitocpi3|MIGRATION 1.0 of figaf.com	Invoice_withLib|http://figaf/pitocpi3|MIG
D75	ICO	|SAPERP|OrderSync_Out|http://figaf/pitocpi9||ASYNC	EXACTLY_ONCE		SAPERP	SOAPOrderServiceAs	SOAP		OrderASync_2|http://figaf/pitocpi9|MIGRATION 1.0 of figaf.co	OrderASync|http://figaf/pitocpi9|MIGRAT OrdersDuplicateLines|http://figaf/pitocpi of figaf.com
D75	ICO	|SAPERP|OrderSync_Out|http://figaf/pitocpi9||ASYNC	EXACTLY_ONCE		SAPERP	SOAPOrderServiceA sync	SOAP		OrderSync|http://figaf/pitocpi9|MIGRATION 1.0 of figaf.com	OrderSync|http://figaf/pitocpi9|MIGRATIO OrdersDuplicateLines|http://figaf/pitocpi of figaf.com
D75	ICO	|AttachmentSystem|Invoice01_OA|http://figaf.com/attachmentname||	EXACTLY_ONCE		AttachmentSystem	FileSenderAttachment	File		FixAttachment|http://figaf.com/attachmentname|MIGRATION 1.0 of figaf.com	FixAttachment|http://figaf.com/attachme igaf/pi/mapping/AttachmentRenamer|MI figaf.com
D75	ICO	|BC_FLY_VENDOR|Order_OA|http://fly.org/module1/ORDER/M	EXACTLY_ONCE		BC_FLY_VENDOR	FileSenderOrder	File		Order_OA_to_IDOC_Order_IA|http://fly.org/module1/ORDER/a	Order_to_NewOrder|http://fly.org/module

SAP also have an assessment to get some data about your migration

Two free resources

Get our Guide to the migration



Project estimation

figaf.com/migration-help-center

Demo

- Deployment and management in BTP
- Overview of your integration
- Migration demonstration
  - Async
  - Including testing
- Transport demonstration

Figaf DevOps for Cloud Integration Mission

- We also have a mission to cover how to improve the way you are handling your SAP Cloud Integration content.
- The migration tool build on top of this
- Good place to start before you get into migration efforts to have better processes of what is going on with your integration

Simplify the way you are delivering SAP Integration

Questions

What is the difference between SAP Message Mapping import and Figaf migration

EDI migration

Can we migrate in batch?

How about ccBPM or BPM