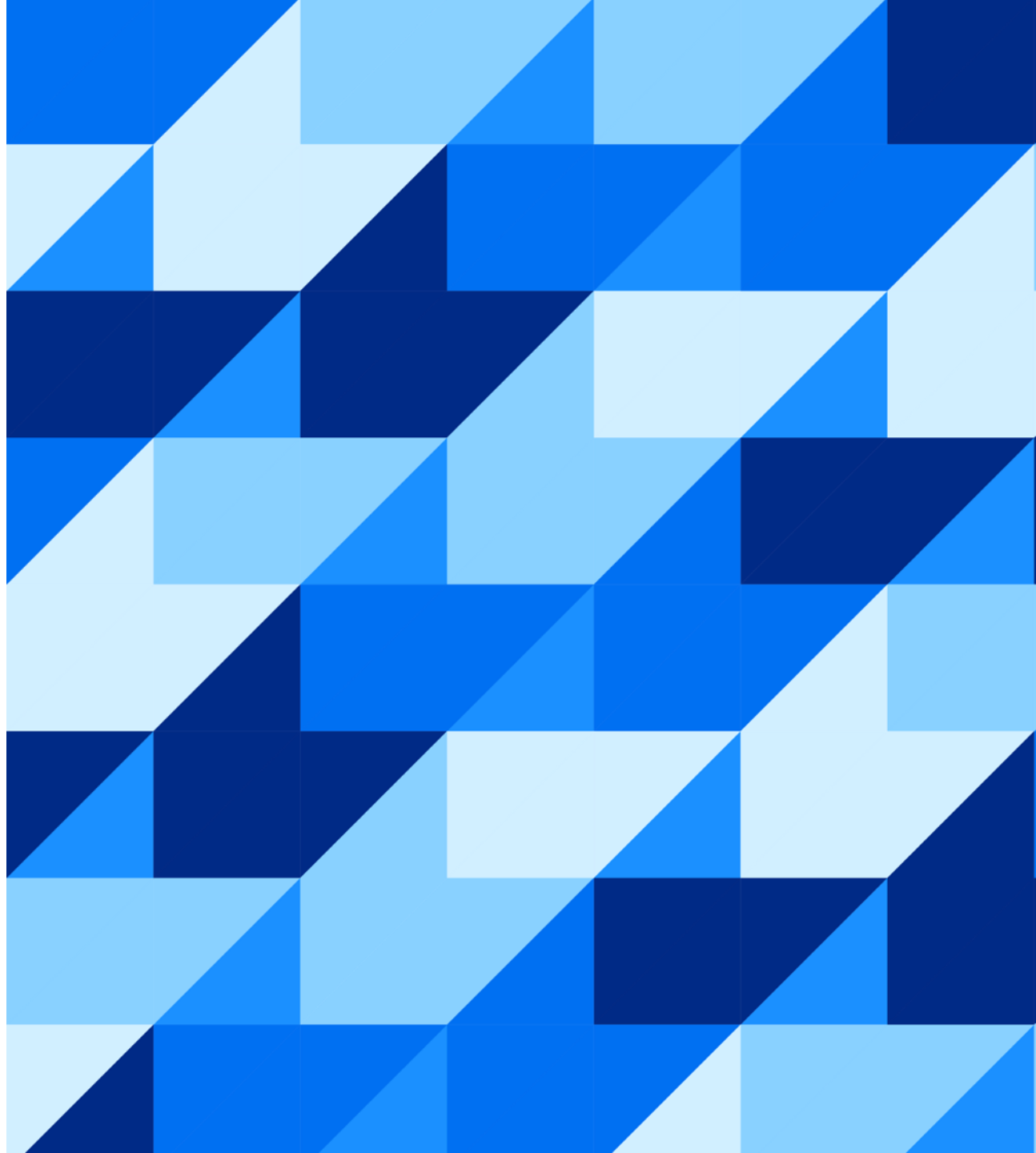


Migrating ESR Proxy Interfaces from SAP PI/PO to SAP Integration Suite

Raj Chintam, SAP
Daniil Bolobonov, SAP

Public



Agenda

1

Kick-off

Toros Aledjian, SAP

2

Introduction to tools and resources available to support migration from SAP Process Orchestration to SAP Integration Suite

Daniil Bolobonov, SAP

3

Configuration steps and demo of migrating ESR Proxies from SAP Process Orchestration to SAP Integration Suite

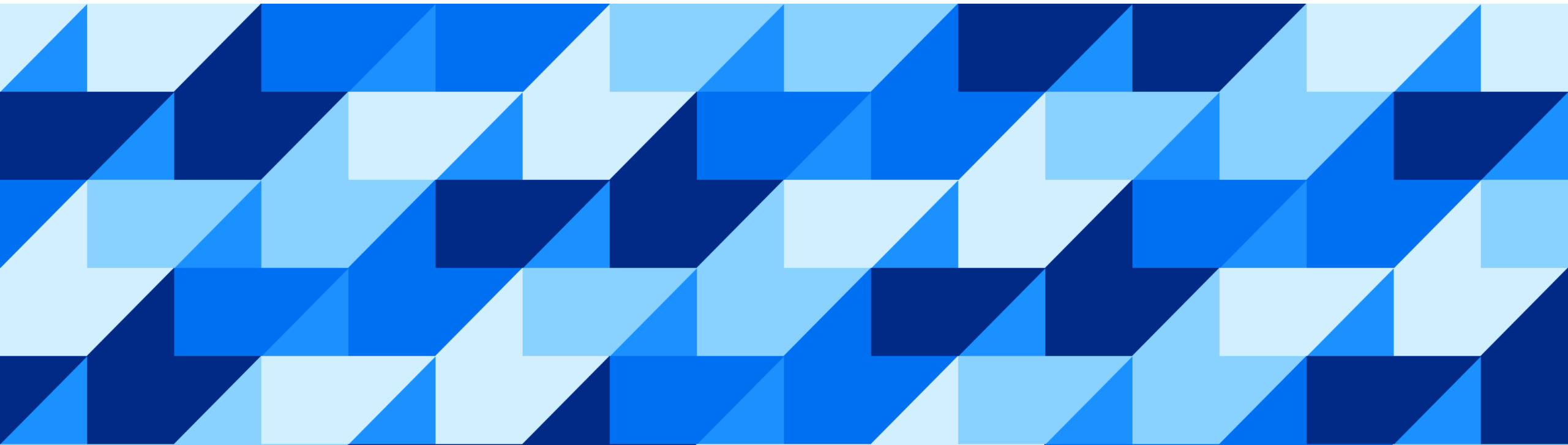
Raj Chintam, SAP

4

Q&A

Raj Chintam & Daniil Bolobonov, SAP

Tools and resources supporting migration from SAP PI/PO to SAP Integration Suite



SAP's investment in integration

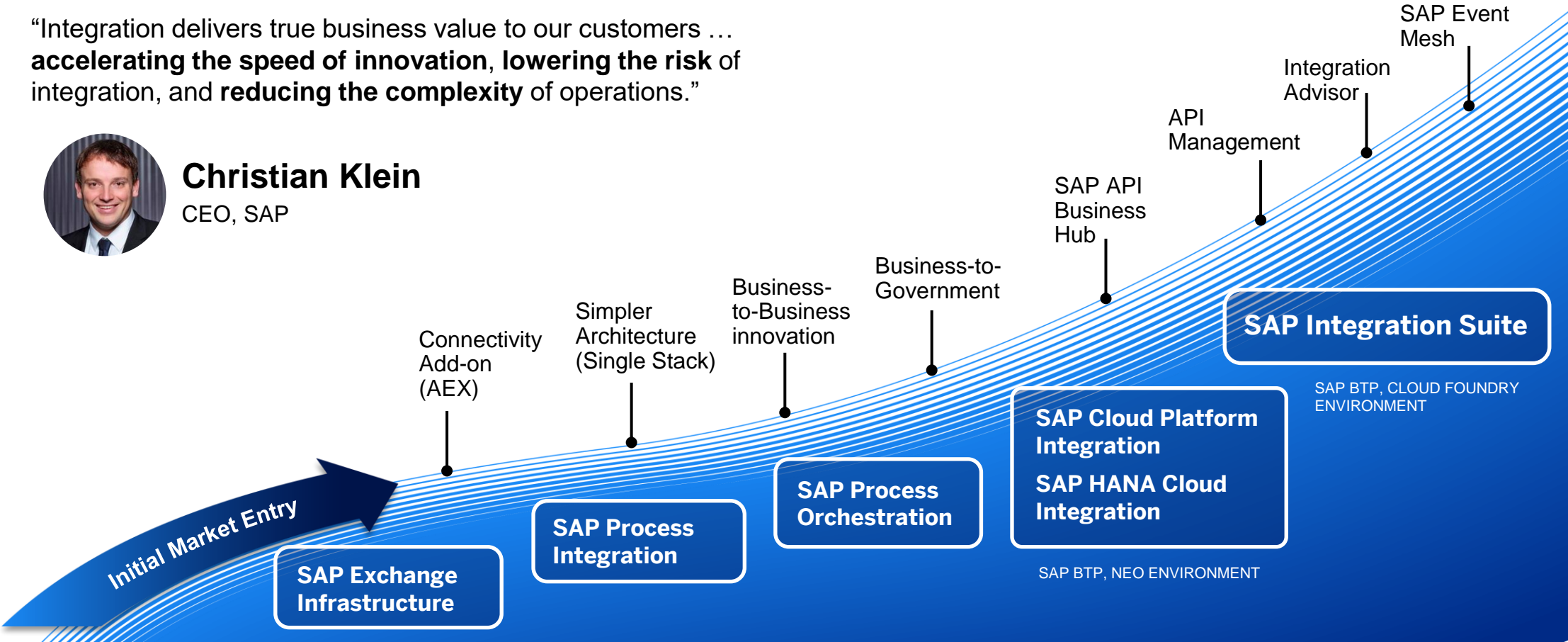
A history of continuous innovation

“Integration delivers true business value to our customers ...
accelerating the speed of innovation, lowering the risk of
integration, and **reducing the complexity** of operations.”



Christian Klein
CEO, SAP

CUSTOMER VALUE



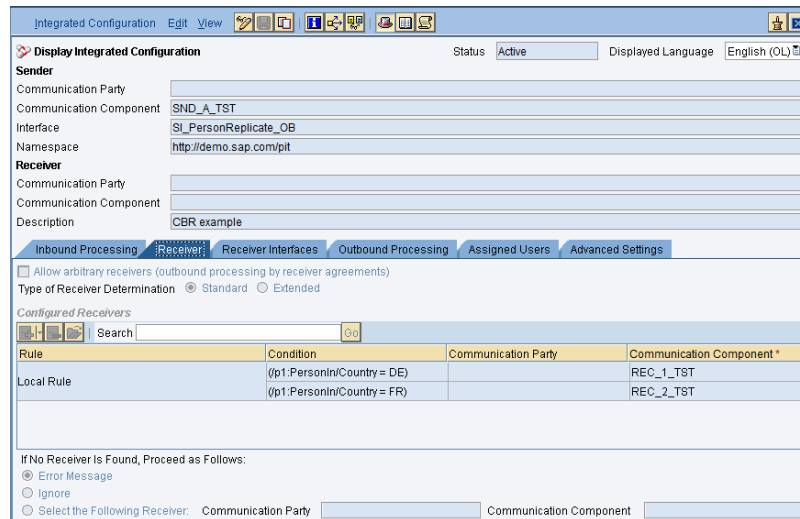
2003

TODAY

Smooth migration to the cloud from SAP Process Orchestration

Interface migration strategy

SAP Process Orchestration



The screenshot shows the 'Integrated Configuration' window for a process. It includes fields for Sender (Communication Party, Component, Interface, Namespace) and Receiver (Communication Party, Component, Description). The 'Receiver' tab is active, showing a table of configured receivers. Below the table, there are options for 'If No Receiver Is Found, Proceed as Follows'.

Rule	Condition	Communication Party	Communication Component *
Local Rule	(p1:PersonIn/Country = DE)		REC_1_TST
	(p1:PersonIn/Country = FR)		REC_2_TST

Integrated configuration

On premise

SAP offerings

Guides and best practices

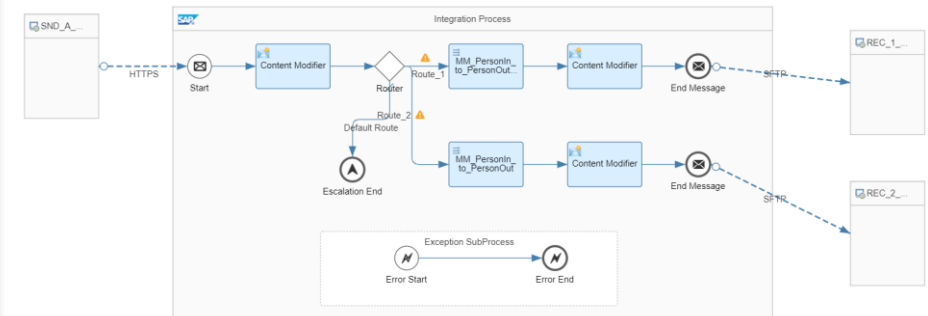
Automatic assessment

Semiautomatic migration

Edge Integration Cell

Regression test tool from partner

SAP Integration Suite



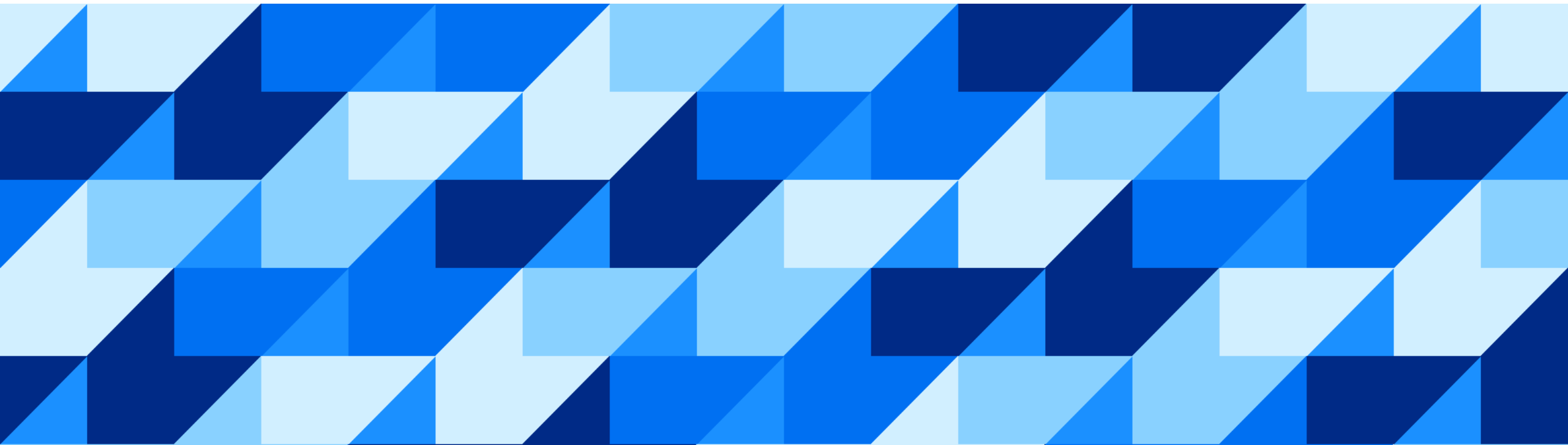
Integration flow

Cloud

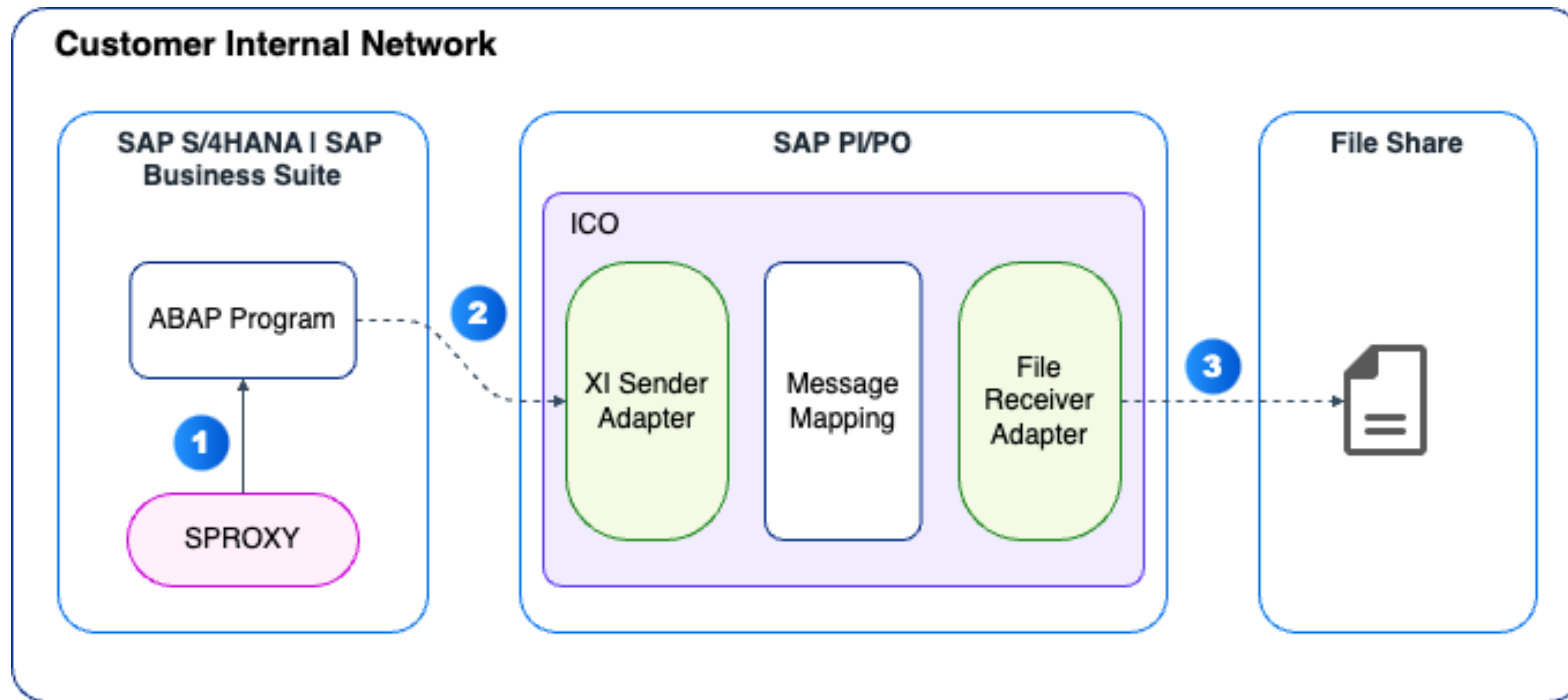


[Migration guide for SAP Process Orchestration](#) | [Design guidelines and patterns](#) | [Edge Integration Cell](#) | [Partner solutions](#) from Figaf and INT4 offering regression test tools | Services: [SAP migration factory](#) for assessment and planning & [SAP Services and Support](#) for assessment and planning, infrastructure setup, and implementation

Migrating ESR Proxies Interfaces from SAP PI/PO to SAP Integration Suite



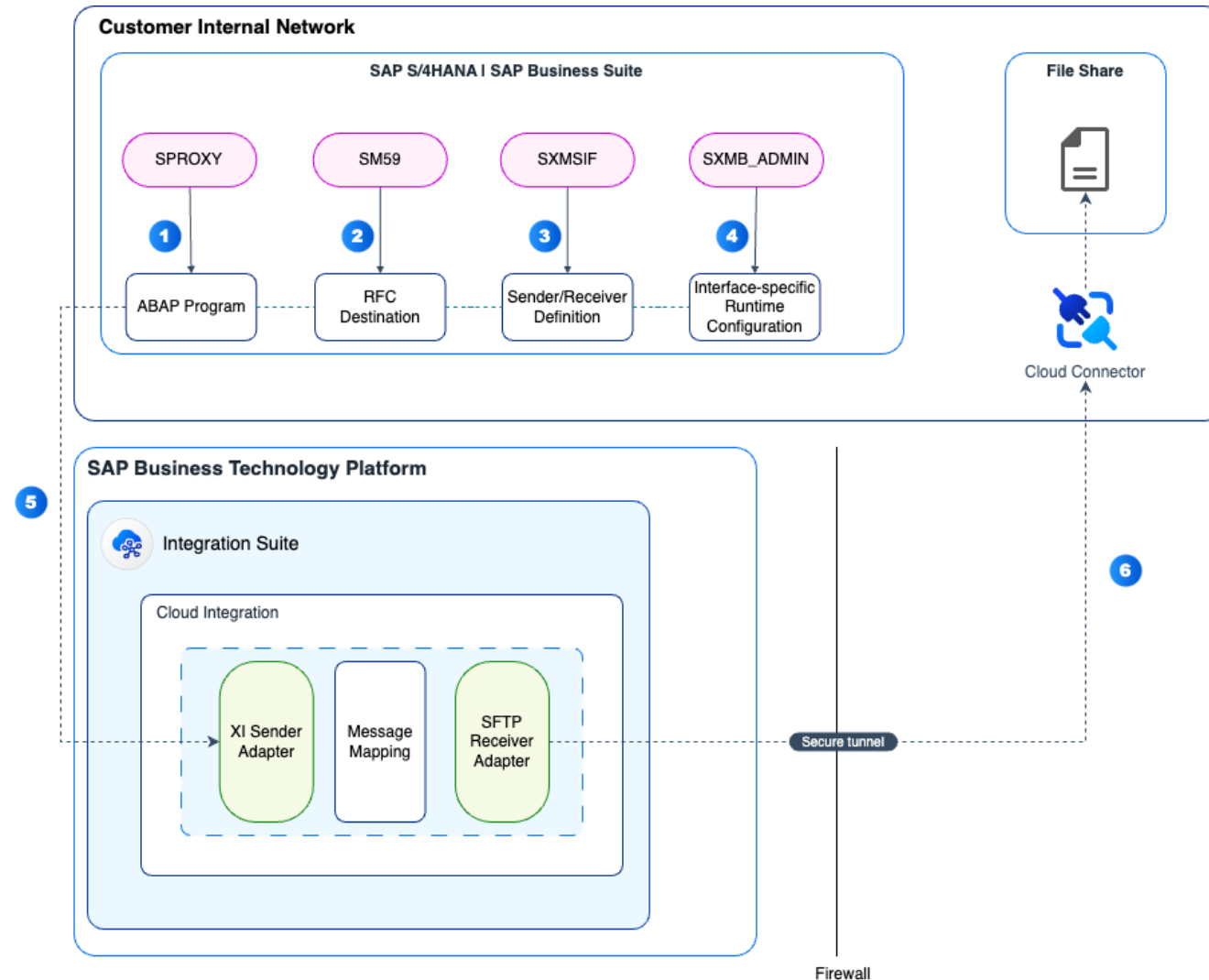
Configuration steps when using SAP PI/PO



Configuration Steps

- 1** ABAP Class is generated via SPROXY transaction
- 2** ABAP Program uses ABAP Class to send XI call to SAP PI/PO Service Interface
- 3** File is stored in the local File Share with the help of File Receiver Adapter

Configuration steps when using SAP Integration Suite



Configuration Steps

- 1 ABAP Class is generated via SPROXY transaction
- 2 Create RFC destination for outbound communication to Cloud Integration endpoint
- 3 Create a sender/receiver definition
- 4 Configure the interface-specific runtime
- 5 ABAP Program uses ABAP Class to send XI call to trigger Cloud Integration iFlow
- 6 File is stored in the local File Share with the help of SFTP Receiver Adapter



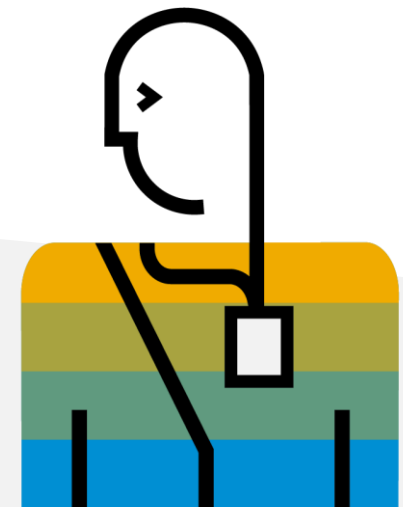
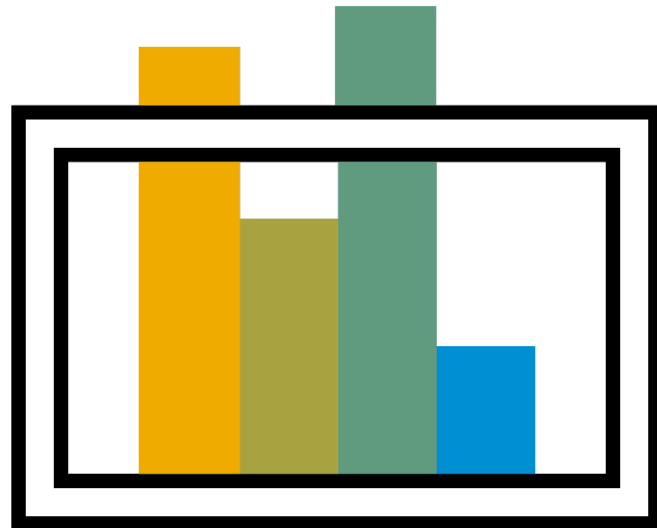
[Migrating Proxy Interfaces | SAP Help Portal](#)

Known Limitations

Limitations	Workaround
ABAP Proxy generation using transaction SPROXY on the SAP system is not supported if you're using Cloud Integration.	<ul style="list-style-type: none">• Use the Enterprise Services Repository to create or update ABAP proxies, but run these interfaces on Cloud Integration.• Migrate your existing proxy, if possible, or create a new proxy interface using Metadata Repository (MDR).• Maintain your WSDL on your preferred tool and import them through transaction SE80.
Acknowledgement is not supported.	There's currently no workaround for this limitation.
ExactlyOnceInOrder (EOIO) is not supported.	A custom solution can be built to read the messages from a data store and based on their entry sequence, using for instance a timestamp and/or sequence ID, deliver the message in order.
There is a limit on the JMS resources.	Analyze your landscape and according to the expected usage of the resources and decide on the number of queues, consumers, etc. See JMS Resource Limits and Optimizing their Usage .

Demo

Configuration steps in SAP S/4HNANA and SAP Integration Suite for migrating SAP PI/PO interfaces that involve ESR proxies





Q & A

Thank you.

Contact information:

Raj Chintam
raj.chintam@sap.com

Daniil Bolobonov
daniil.bolobonov@sap.com

