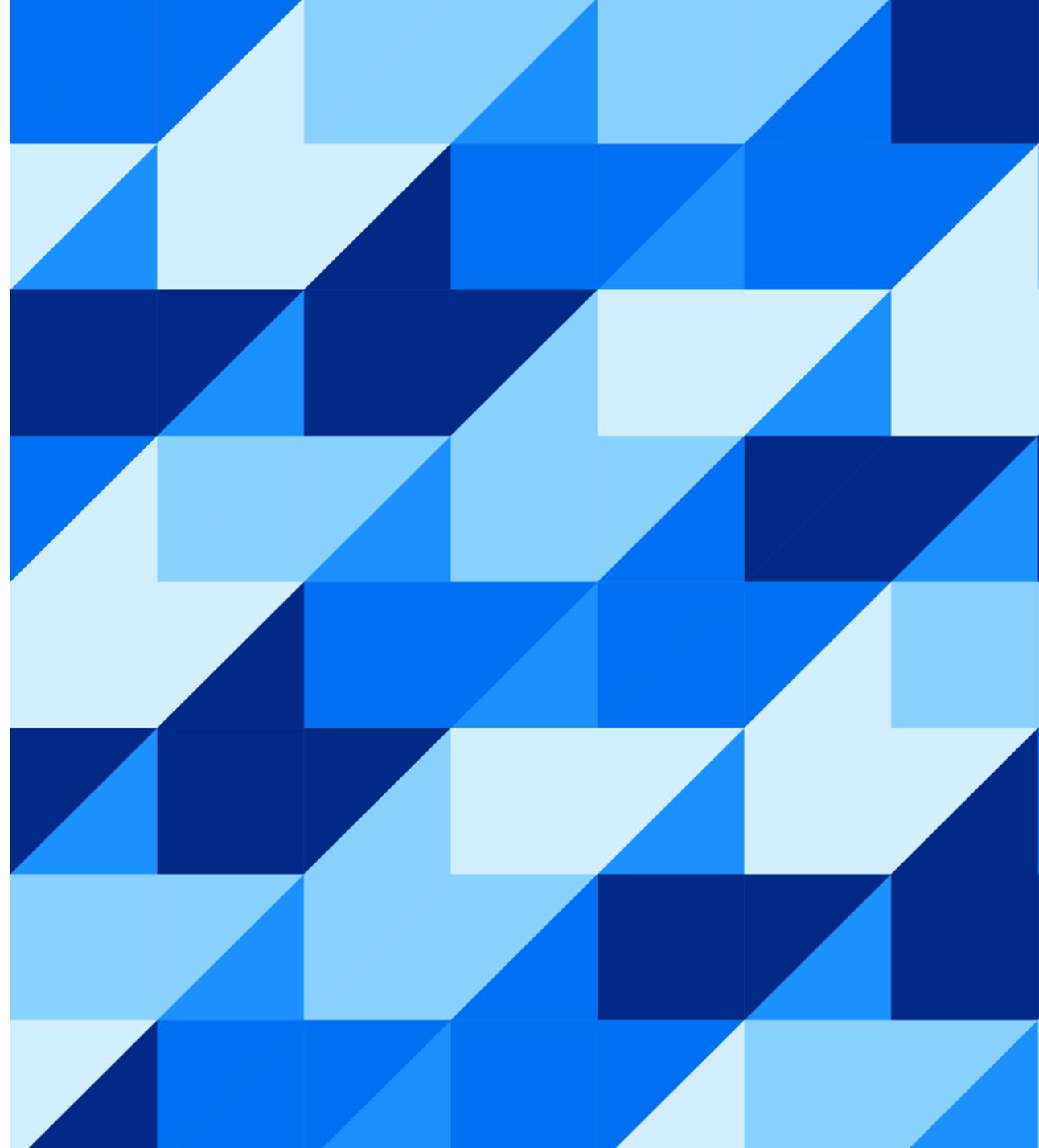




# SAP Integration Suite Monthly Updates – August 2025

Product Management Team, SAP Integration Suite  
August , 2025

PUBLIC



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# Agenda

Topic	Presenter
Onboarding	Joerg
Cloud Integration	Sunny Kapoor
Pipeline for Cloud Integration	Alexander Bundschuh

# 14th IFG Integration Survey 2025 – Your chance to influence the SAP Integration Roadmap

The International Focus Group for Integration (IFG for Integration) is a collaboration platform of representatives of 13 user groups and communities across the world. The focus areas of this group include exchanging experiences and knowledge, working on best practices, and influencing SAP.

We publish a re-occurring global survey to collect input from the integration community across the world.

**As in the past, the survey results will enable the IFG for Integration to better address the needs of the integration community and to discuss and influence the requirements with SAP product development.**

The 14th annual survey has been launched on August 25th, which is your unique opportunity to influence the SAP Integration Roadmap.

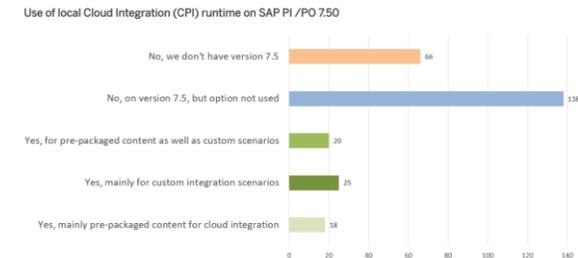
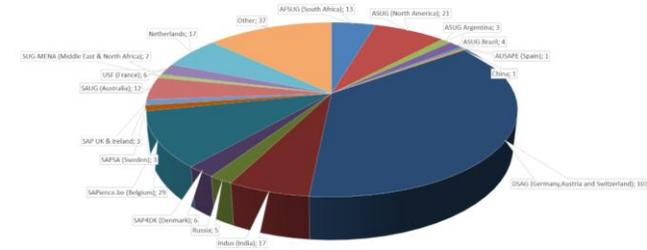
The survey is available in different languages (English, German) and can be accessed at the following links and QR Code:

English version:

<https://umfrage.dsag.de/index.php/943811?lang=en>

German version:

<https://umfrage.dsag.de/index.php/943811?lang=de>



# Cloud Integration

# Support for propagation of technical user for OData V2 Receiver Adapter

- Principal propagation provides a safer, more dependable way to link SAP BTP applications with SAP on-premise systems.
- Principal propagation typically involves transferring an end-user identity. However, for system-to-system integration, using a **fixed technical identity** is often preferred.
- Cloud Integration Neo customers use certificate-to-user mapping, allowing a client certificate to directly map to a backend user, making technical user propagation simple and widely used.
- In Cloud Foundry, incoming certificates are mapped to service key access tokens, not directly to backend users as in Neo. This difference has made replicating Neo's technical identity patterns challenging—until now.
- You will now be able to **use technical users for principal propagation authentication for OData V2 Receiver adapter with on-premise proxy type in Cloud Foundry environment.**
- See: [Configure the OData V2 Receiver Adapter](#), SAP Cloud Integration customers see: [Configure the OData V2 Receiver Adapter, Blog Post](#)

## Other updates

- **The Message Status Overview** now supports all time periods for monitoring, regardless of database usage. Note that, due to technical limitations or recent software updates, some data may be incomplete for the selected timeframe.  
See: [Monitor Message Status Overview](#)
- **A new version 42.2.2.0 of the Elster Rich Client (ERiC) library is available for the ELSTER receiver adapter.** This update includes enhanced data type versions in the ElsterLager2 procedure to improve data processing capabilities and revised interfaces as part of ongoing improvements in data exchange protocols. See [ELSTER Receiver Adapter](#), SAP Cloud Integration customers, see [ELSTER Receiver Adapter](#).
- **A new version 1.3.0 of the IBM MQ adapter supports Client Certificate based authentication for JMS Variants.**  
See [IBM MQ Adapter](#)
- **The warning threshold for temporary file storage in the Inspect feature has increased from 2.5GB to 6GB.**  
See [Inspect Temporary Storage](#), SAP Cloud Integration customers, see [Inspect Temporary Storage](#)

# Pipeline for Cloud Integration

# New integration packages for the Pipeline for Cloud Integration

New set of packages for supporting the Pipeline for Cloud Integration

- [Cloud Integration Pipeline - Generic Inbound](#): Contains the generic IDoc and XI inbound flows.
- [Cloud Integration Pipeline - Generic Pipelines](#): Contains the main generic pipeline steps.
- [Cloud Integration Pipeline - Generic Outbound](#): Contains the generic outbound processing flow.
- [Cloud Integration Pipeline - Templates](#): Contains all templates for the scenario-specific flows and custom extensions.

Why? Better support for the following use cases:

- Setup different pipelines
- Define own IDoc or XI inbound flow for each sender system
- Define receiver-specific JMS queue

# New integration packages for the Pipeline for Cloud Integration

**Note:** The new packages replace the so far provided package [Process Integration Pipeline - Generic Integration Flows & Templates](#) which will be **deprecated** soon.

Proceed as follows to switch to new packages:

- Undeploy all generic flows from the soon to be deprecated package. In the new Cloud Integration packages, the name and IDs of the integration flows have the addition "v2". It's important that the old integration flows and the new integration flows must not be deployed together because they compete on reading from the same JMS queues.
- Configure and deploy the required generic flows provided by the new Cloud Integration pipeline packages.
- If you've used scripts from the script collection in your scenario-specific flows, replace them with local scripts. You can find the local scripts in either the generic flows or the new templates. As long as you haven't replaced all scripts, it's still recommended to run the script collection. Once you're done, you can then also undeploy the script collection.

# New features at a glance

For IDoc inbound scenarios where you exchange IDoc bulk messages, you now have the option to keep the bulk

Each generic flow now supports a custom exit allowing you to run preprocessing logic without altering the standard packages

- Create your custom preprocessing integration flow based on a new template
- 2 Options: Global setting and scenario-specific setting

New templates have been added for supporting different options for custom receiver and interface determination

# Custom exit for preprocessing – Global setting

The screenshot shows the configuration interface for a pipeline step in SAP Integration Suite. The window title is "Configure 'Pipeline v2 Generic Step02 - Integrated Messaging Runtime Async'". The "More" tab is active, displaying a list of configuration parameters. The parameters and their values are:

Parameter	Value
Type	All Parameters
CustomXError_Enabled	false
CustomXPid_SwitchOffTilde	true
CustomXPreGlobal_Enabled	false
CustomXPreGlobal_Endpoint	/pip/custom/preProcessing/global
DLQ_EndEvent	Escalated
PipelineJMSQueuePrefix	PIP

The "CustomXPreGlobal\_Enabled" and "CustomXPreGlobal\_Endpoint" fields are highlighted with a red box. At the bottom right of the configuration window, there are three buttons: "Save", "Deploy", and "Close".

# Custom exit for preprocessing – Scenario-specific setting

SAP Integration Suite

Overview / Manage Partner Directory

Partners (38)

- CS\_AB\_PEPSI
- CS\_PIP\_Samples\_Scenario\_1
- CS\_PIP\_Samples\_Scenario\_10
- CS\_PIP\_Samples\_Scenario\_1A
- CS\_PIP\_Samples\_Scenario\_2
- CS\_PIP\_Samples\_Scenario\_2A
- CS\_PIP\_Samples\_Scenario\_2B
- CS\_PIP\_Samples\_Scenario\_2C
- CS\_PIP\_Samples\_Scenario\_2D**
- CS\_PIP\_Samples\_Scenario\_3

## CS\_PIP\_Samples\_Scenario\_2D

[String Parameters](#) Binary Parameters Alternative Partners Authorized Users

### String Parameters

String Parameters (4)

ID	Value	Last Modified By	Last Modified Time	Created By	Created Time	Actions
CustomXPreEndpoint	/pip/custom/preProcessing		Aug 04, 2025, 14:02:43		Jul 30, 2025, 07:44:35	...
CustomXPreEnabled	01 02 04 05 06		Jul 30, 2025, 07:45:30		Jul 30, 2025, 07:44:23	...
InboundQueue	PIPX01		May 12, 2025, 18:05:46		May 12, 2025, 18:05:46	...
MaxJMSRetries	2		May 12, 2025, 18:05:46		May 12, 2025, 18:05:46	...

# Custom exit for preprocessing – Custom exit template

SAP Integration Suite

Integrations and APIs / Cloud Integration Pipeline - Templates / Pipeline v2 Template - Custom Exit / Edit Configure Deploy Delete

## Pipeline v2 Template - Custom Exit

Deployment Status: Not Deployed

Search Step

Integration Process

100%

Router

General Processing

ROUTING CONDITION

Order	Route Name	Condition Expression	Default Route
1	Route 4	<code>\${header.customXPipelineStep} = '04'</code>	<input type="checkbox"/>
2	Route 3	<code>\${header.customXPipelineStep} = '03'</code>	<input type="checkbox"/>
3	Route 2	<code>\${header.customXPipelineStep} = '02'</code>	<input type="checkbox"/>
4	Route 7	<code>\${header.customXPipelineStep} = '07'</code>	<input type="checkbox"/>

# New template to determine receivers and interfaces via mapping and configuration

SAP Integration Suite

Integrations and APIs / PIP Samples - Scenario 4 / PIPSamplesScenario4\_Step04\_CombinedCustomRecAndIF\_Via\_XRD /

**PIPSamplesScenario4\_Step04\_CombinedCustomRecAndIF\_Via\_XRD**

Deployment Status: Deployed on Jul 18, 2025, 11:42:07, Runtime Status: Started

Search Step

Content Modifier

General Message Header Exchange Property Message Body

Properties:

Action	Name	Source Type	Source Value	Data Type	Default Value
Create	SAP-IFNAME-Receiver_41~IFIndex1	Constant	PurchaseOrder.Create		
Create	SAP-IFNAME-Receiver_42~IFIndex1	Constant	PurchaseOrder.Create		
Create	SAP-IFNAME-Receiver_43~IFIndex1	Constant	PurchaseOrderItem.Create		
Create	SAP-NOREC-Type	Constant	Default		
Create	SAP-NOREC-Default	Constant	Receiver_42		
Create	SAP-IFENDPT-Receiver_41~IFIndex1	Constant	/PIP/Step07/Samples/Scenario_4/R...		
Create	SAP-IFENDPT-Receiver_42~IFIndex1	Constant	/PIP/Step07/Samples/Scenario_4/R...		
Create	SAP-IFENDPT-Receiver_43~IFIndex1	Constant	/PIP/Step07/Samples/Scenario_4/R...		
Create	SAP-IFDET-Receiver_41~IFIndex1	XPath	true()	java.lang.Boolean	
Create	SAP-IFDET-Receiver_42~IFIndex1	XPath	true()	java.lang.Boolean	
Create	SAP-IFDET-Receiver_43~IFIndex1	XPath	true()	java.lang.Boolean	

# New template to determine receivers and interfaces via configuration

SAP Integration Suite

Integrations and APIs / PIP Samples - Scenario 4 / PIPSamplesScenario4\_Step04\_CombinedCustomRecAndIF\_Via\_Properties /

**PIPSamplesScenario4\_Step04\_CombinedCustomRecAndIF\_Via\_Properties**

Deployment Status: Deployed on Jul 18, 2025, 11:41:06, Runtime Status: Started

Search Step

Content Modifier

General Message Header Exchange Property Message Body

Properties:

Action	Name	Source Type	Source Value	Data Type	Default Value
Create	SAP-DYNREC-Receiver_41	XPath	<code>((p1:Item/Category = 'Software')</code>	java.lang.Boolean	
Create	SAP-DYNREC-Receiver_42	XPath	<code>((p1:Item/Category = 'Keyboards')</code>	java.lang.Boolean	
Create	SAP-DYNREC-Receiver_43	XPath	<code>((p1:Item/Category = 'Keyboards') or ...</code>	java.lang.Boolean	
Create	SAP-NOREC-Type	Constant	Default		
Create	SAP-NOREC-Default	Constant	Receiver_42		
Create	SAP-IFENDPT-Receiver_41-IFIndex1	Constant	<code>/PIP/Step07/Samples/Scenario_4/R...</code>		
Create	SAP-IFENDPT-Receiver_42-IFIndex1	Constant	<code>/PIP/Step07/Samples/Scenario_4/R...</code>		
Create	SAP-IFENDPT-Receiver_43-IFIndex1	Constant	<code>/PIP/Step07/Samples/Scenario_4/R...</code>		
Create	SAP-IFDET-Receiver_41-IFIndex1	XPath	<code>true()</code>	java.lang.Boolean	
Create	SAP-IFDET-Receiver_42-IFIndex1	XPath	<code>true()</code>	java.lang.Boolean	
Create	SAP-IFDET-Receiver_43-IFIndex1	XPath	<code>true()</code>	java.lang.Boolean	

# Thank you.

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