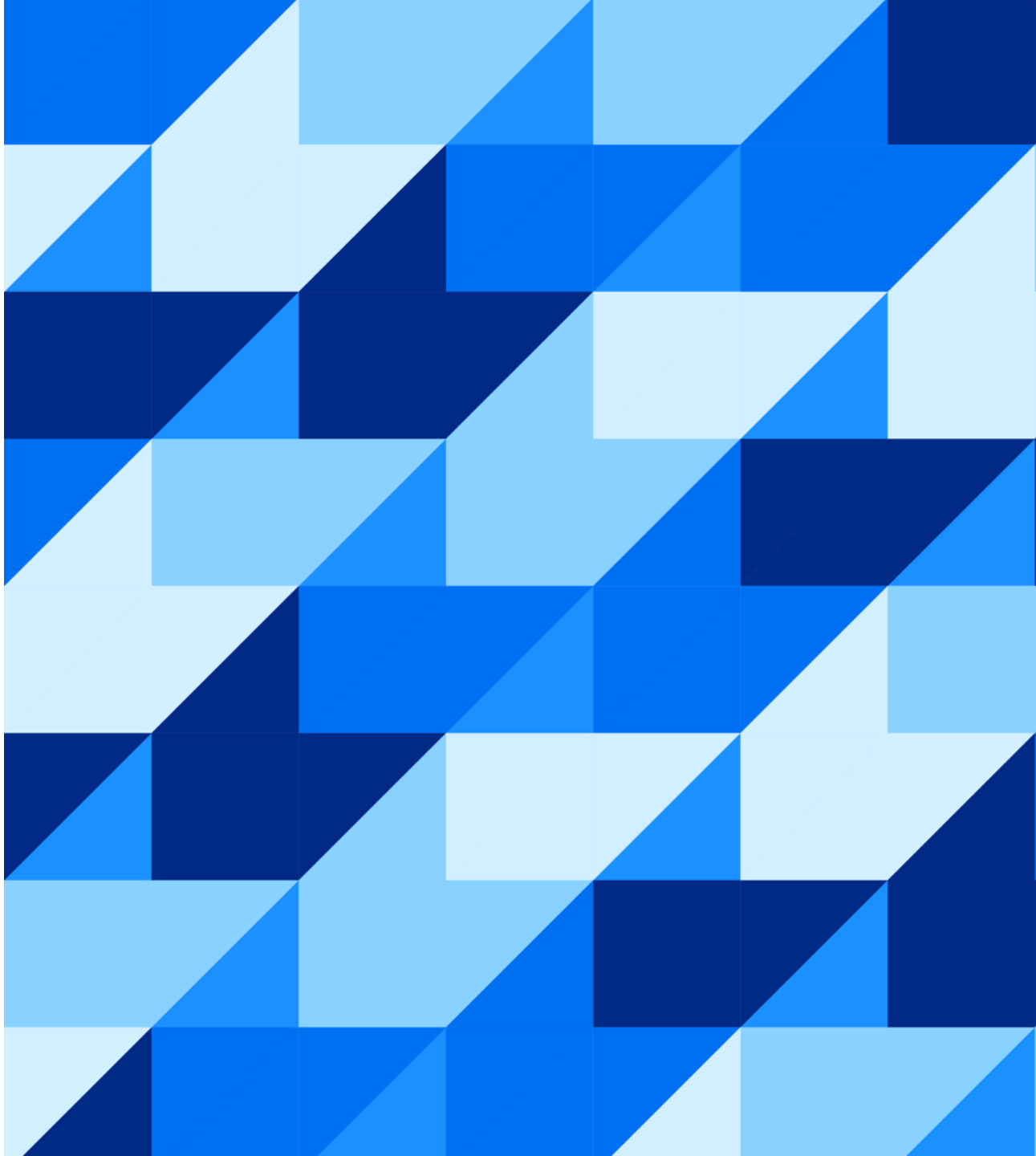
SAP Integration Suite Monthly Updates – November 2025

Product Management, SAP Integration Suite

Public



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Agenda

Welcome	
Latest version of the Pipeline for Cloud Integration	Alexander Bundschuh
IBM MQ Adapter: new features	John Bilay, Rojo Consultancy
Data Space Integration Package	Axel Albrecht
Q&A	All

SAP BTP

Pipeline for Cloud Integration

Alexander Bundschuh

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New features of the Pipeline for Cloud Integration at a glance

Supporting new generic flows for **Idoc outbound processing** and **XI outbound processing**

Improved support for **sender and receiver parties**

Improved support for **receiver-specific queues**

Supporting **multiple inbound conversions**

Extension for scenario configuration to run the pipeline **without** need of the **Partner Directory**

See blog post

Generic XI outbound processing

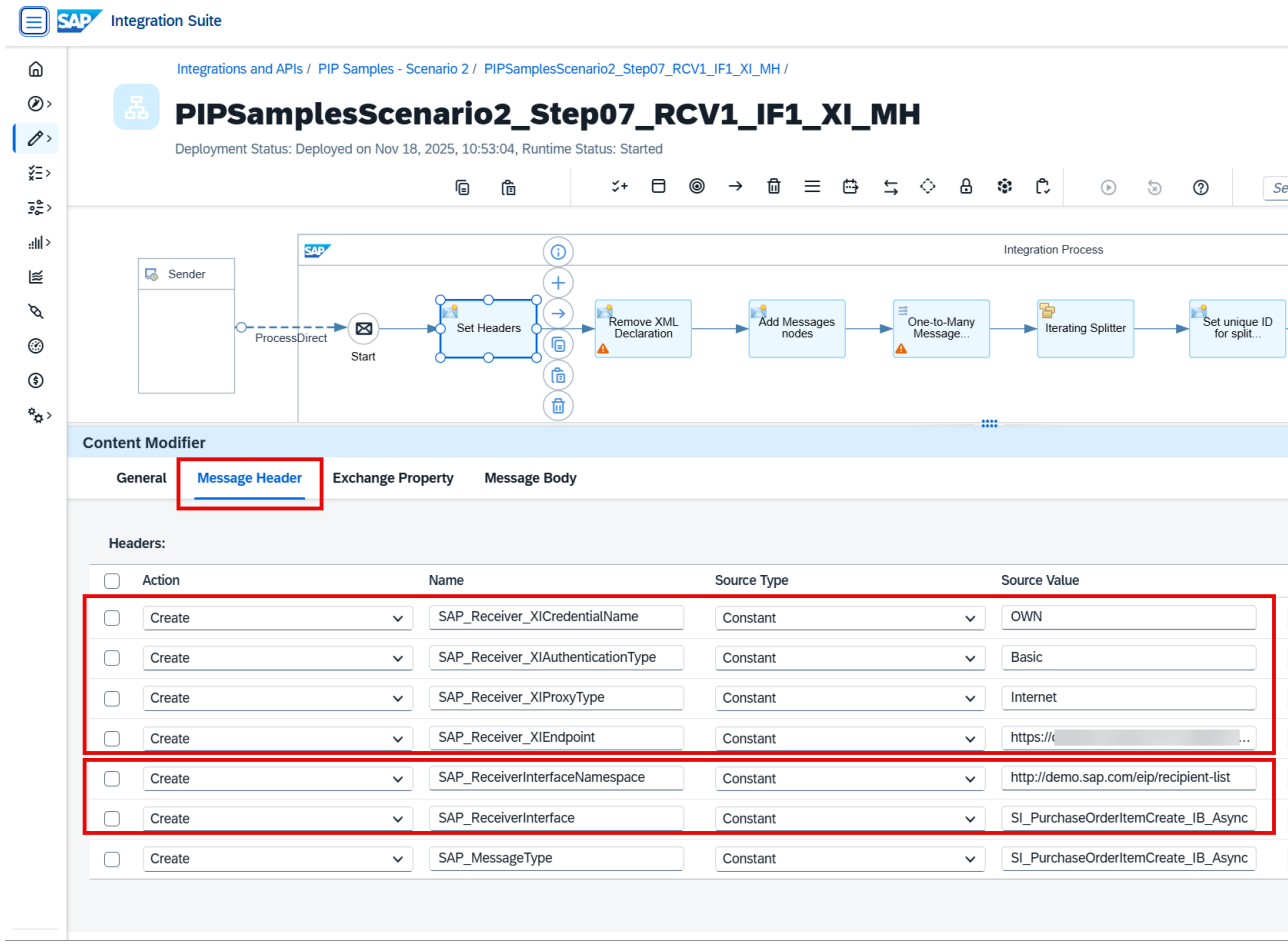
Standardize and ease the configuration of XI outbound scenarios

- Use a single generic XI outbound integration flow **across all your receiving systems**
- Use a generic XI outbound integration flow **for each receiving system**

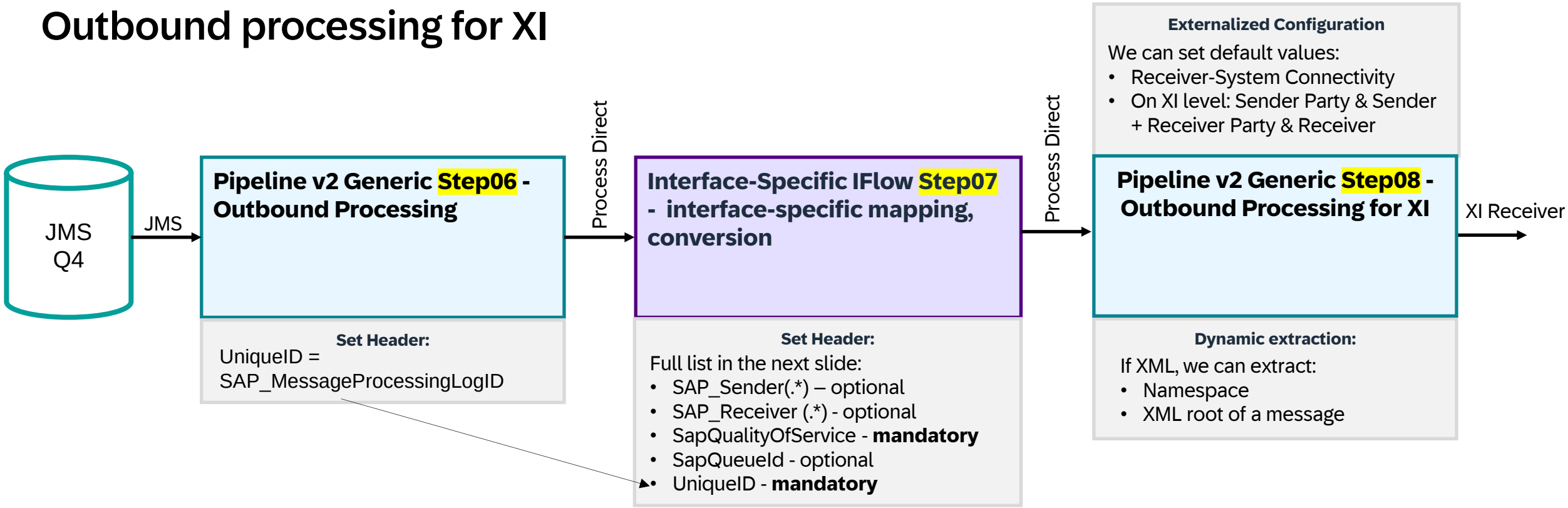
Different options to configure XI connection and XI headers

- Configure the generic XI outbound integration flow
- Maintain Partner Directory parameters
- Maintain message headers in the scenario-specific outbound processing flow

See [blog post]



Outbound processing for XI



Partner Directory

Partner ID (scenario identifier)
- interfaceNameDetermination*_ReceiverSystemAlias*

(for P2P bypass option or interface name can come from XSLT)
- interfaceNamespaceDetermination*_ReceiverInterfaceName*

(so the suffix here is the previous parameter Interface Name)

All parameters optional

System Alias (landscape stages for Receiver)
- XIEndpoint*_BusinessSystemName*
- XICCLocationId*_BusinessSystemName*
- XICredentialName*_BusinessSystemName*
- XIPrivateKeyAlias*_BusinessSystemName*
- XIProxyType*_BusinessSystemName*
- XIAuthenticationType*_BusinessSystemName*

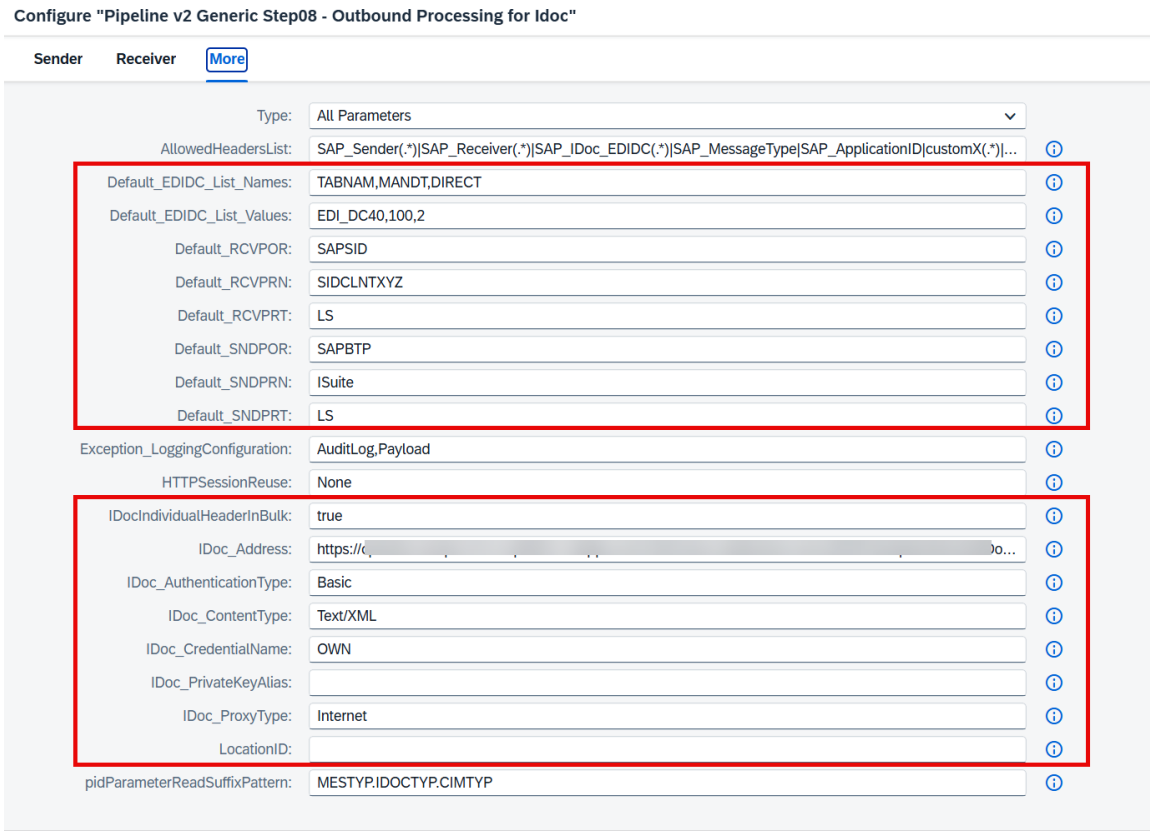
Generic IDoc outbound processing

Standardize and ease the configuration of IDoc outbound scenarios

- Use a single generic IDoc outbound integration flow **across all your receiving systems**
- Use a generic IDoc outbound integration flow **for each receiving system**

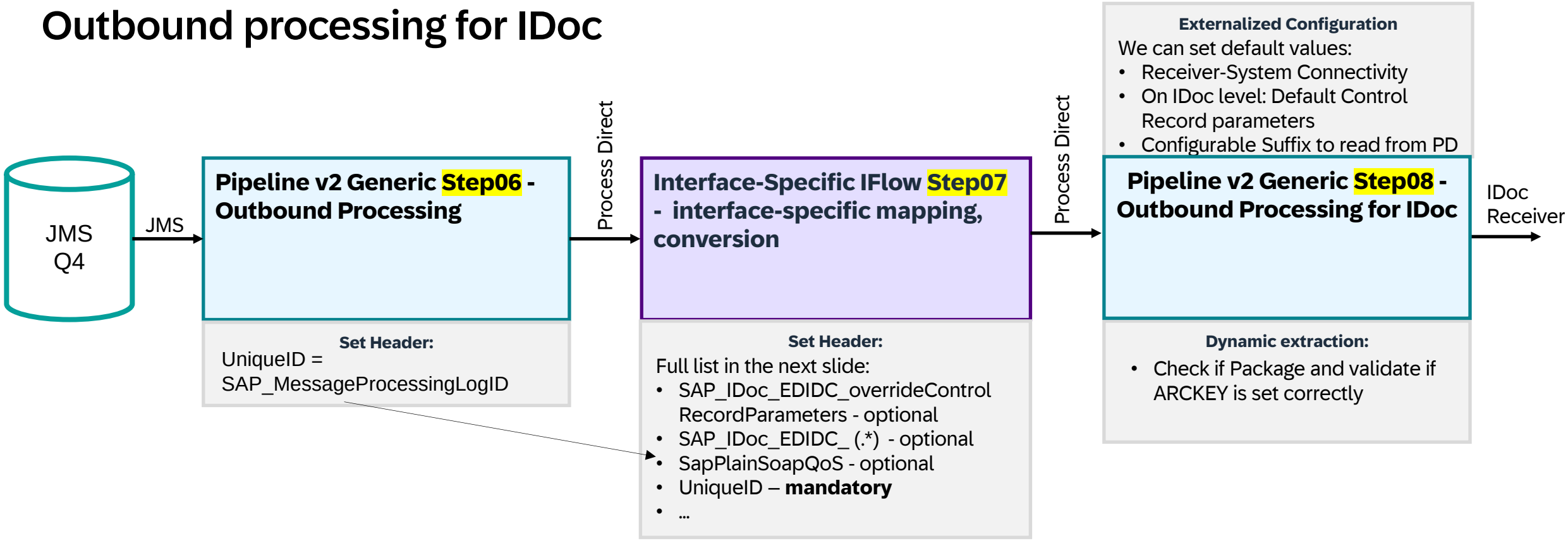
Different options to configure IDoc connection and IDoc control header

- Configure the generic IDoc outbound integration flow
- Maintain Partner Directory parameters
- Maintain message headers in the scenario-specific outbound processing flow
- Maintain the IDoc control header in the message body



See blog post

Outbound processing for IDoc



Partner Directory

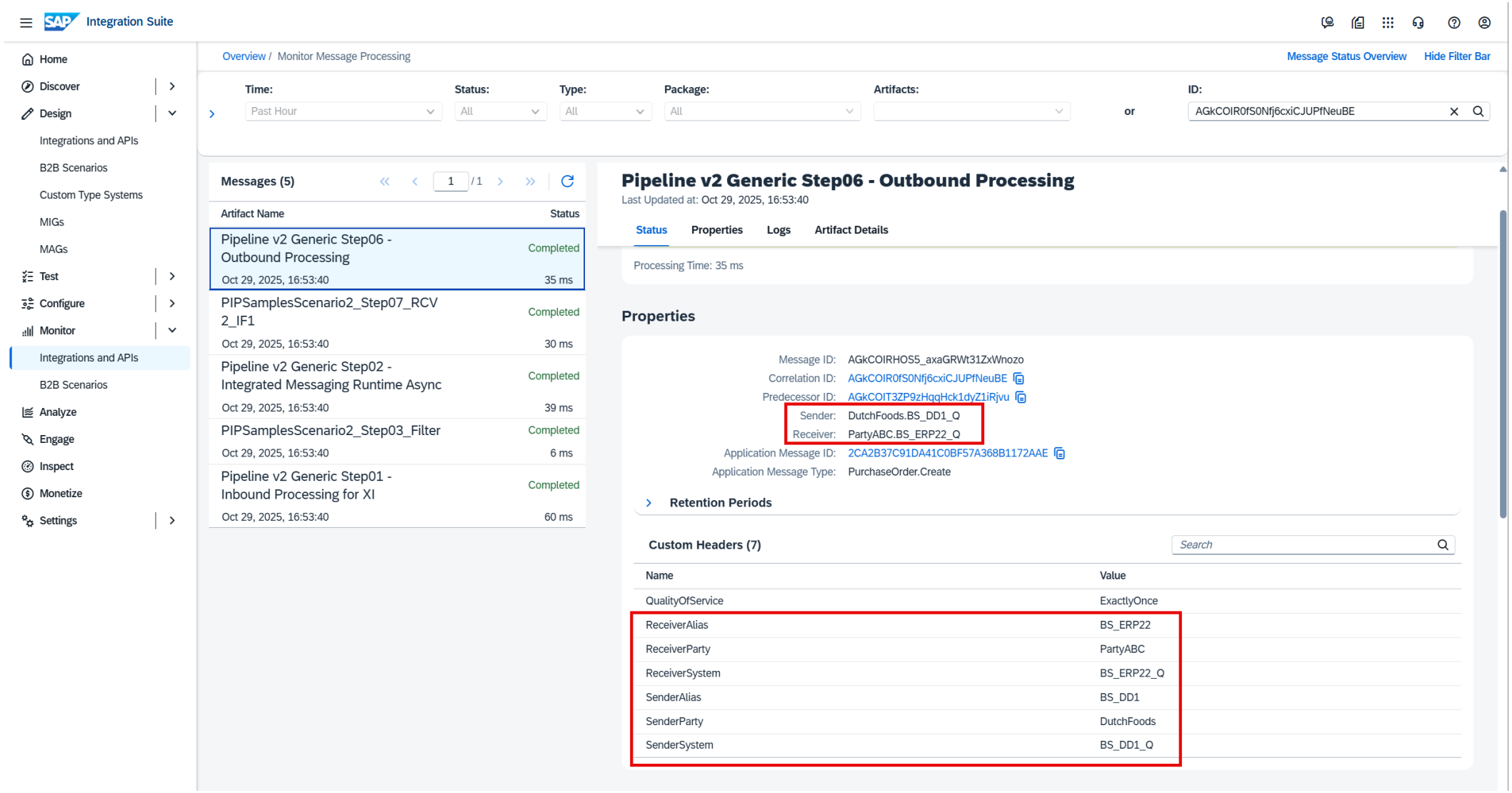
Partner ID (scenario identifier)
- SNDPRN*_ConfigurableInterfaceSuffix*
- MESCOD*_ConfigurableInterfaceSuffix*
- *... Any EDIDC attribute...*

All parameters optional

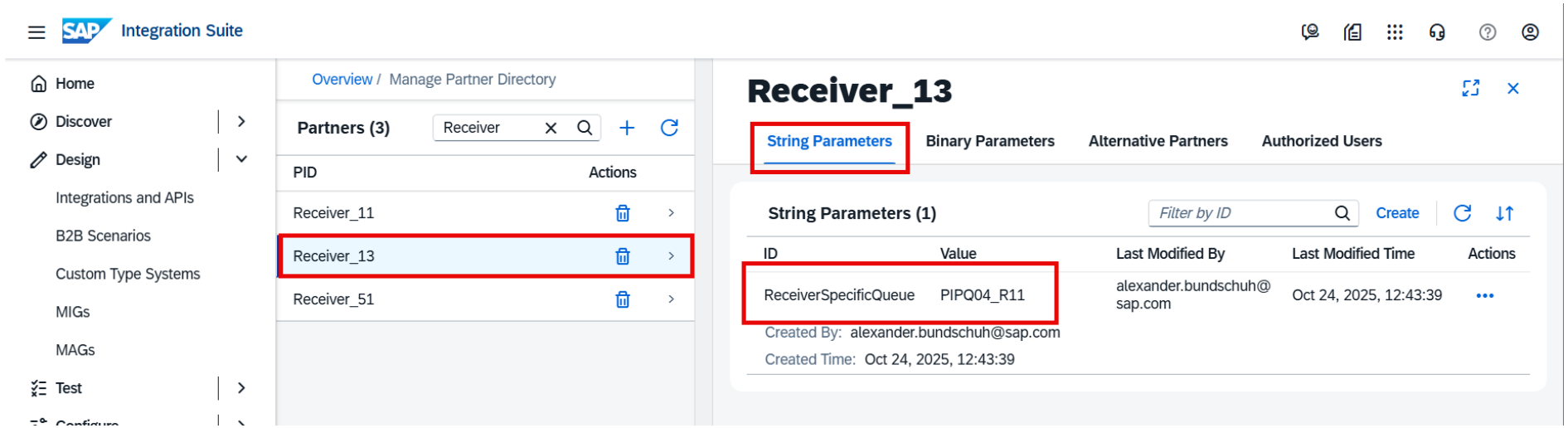
System Alias (landscape stages for Receiver)
- IDocEndpoint*_BusinessSystemName*
- IDocCCLocationId*_BusinessSystemName*
- IDocCredentialName*_BusinessSystemName*
- IDocPrivateKeyAlias*_BusinessSystemName*
- IDocProxyType*_BusinessSystemName*
- IDocAuthenticationType*_BusinessSystemName*

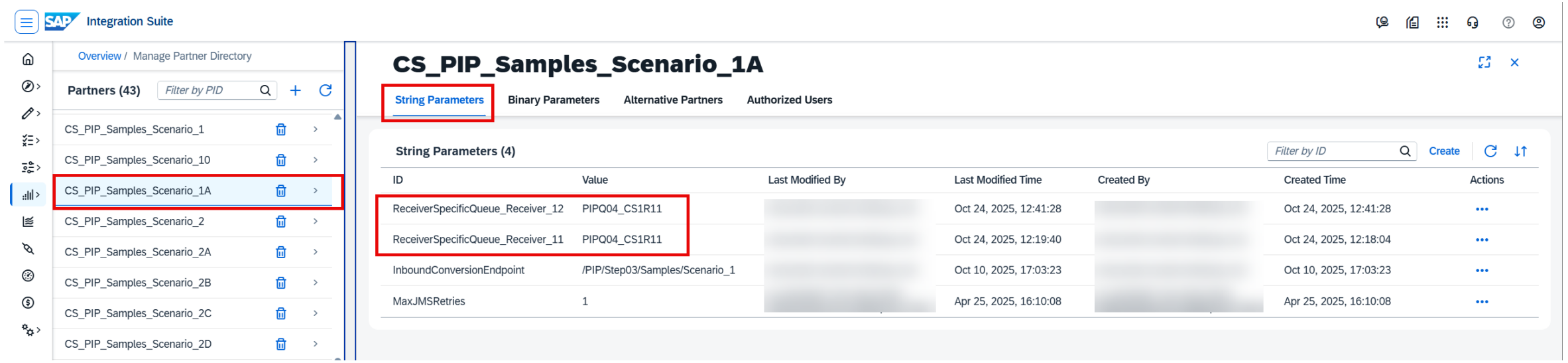
- IDocContentType*_BusinessSystemName*
- IDocLogicalSystem*_BusinessSystemName*

Improved support for sender and receiver parties

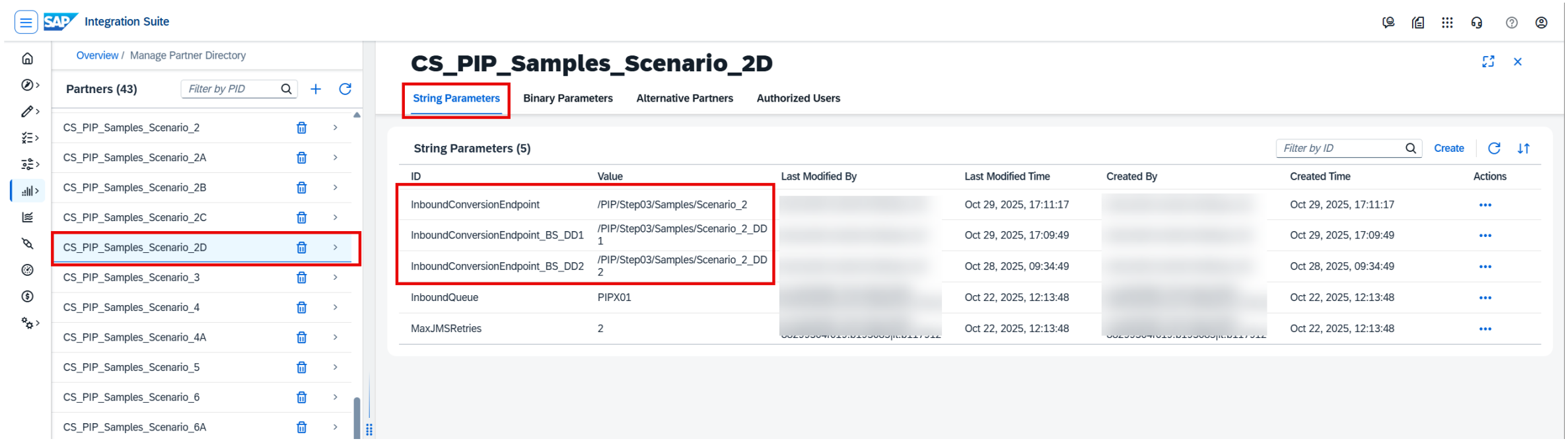


Improved support for receiver-specific queues

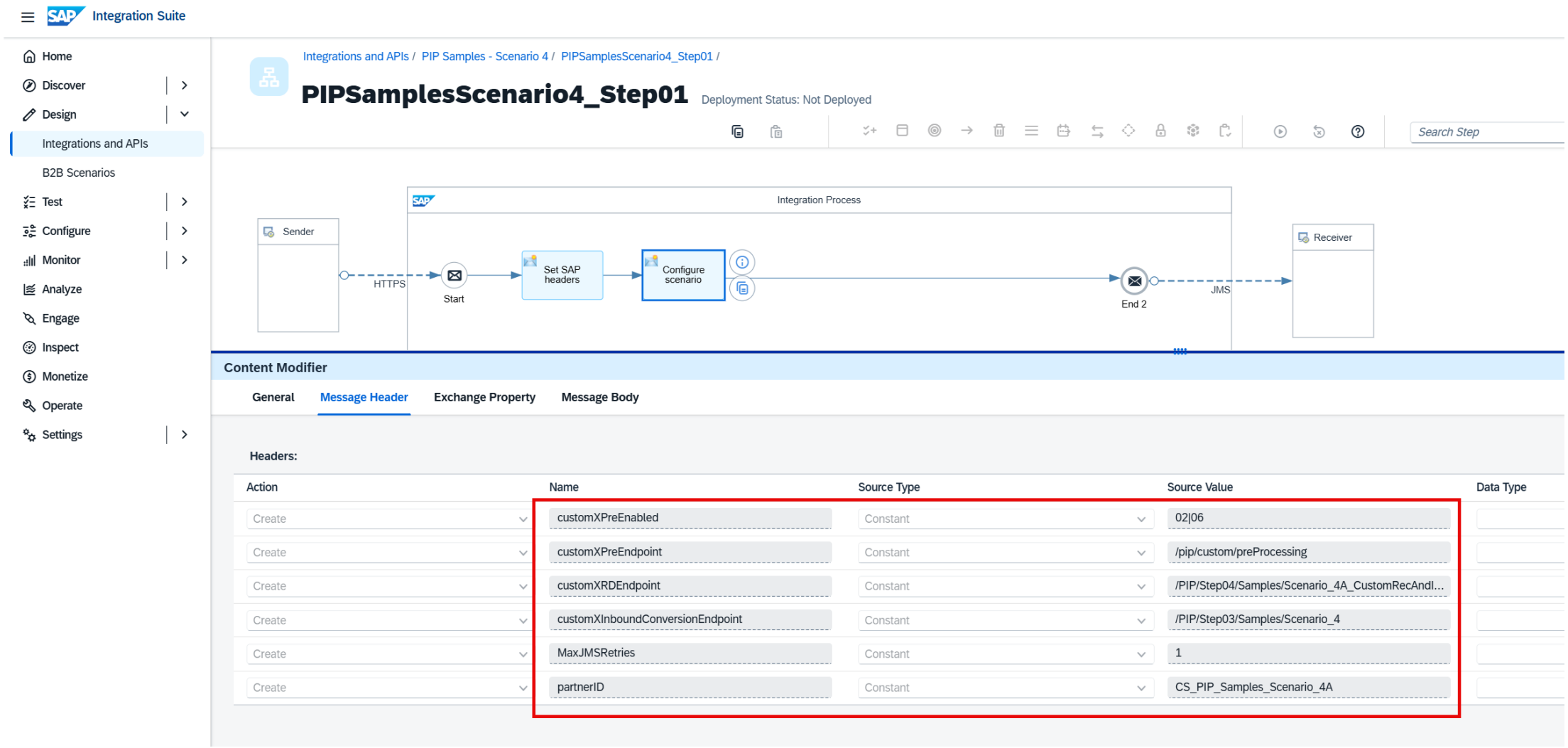




Multiple inbound conversions



Scenario configuration extension



SAP BTP

IBM Adapter: new features

John Bilay, Rojo Consultancy

Public

IBM MQ Adapter JMS - Features

Authentication

- Basic Authentication
- Certificate based Authentication *

IBM Version Supported

- 9.2
- 9.3
- 9.4
- Cloud

Message Protocol

- Receiver - JMS
- Sender - JMS Polling
- Sender - JMS Subscribe

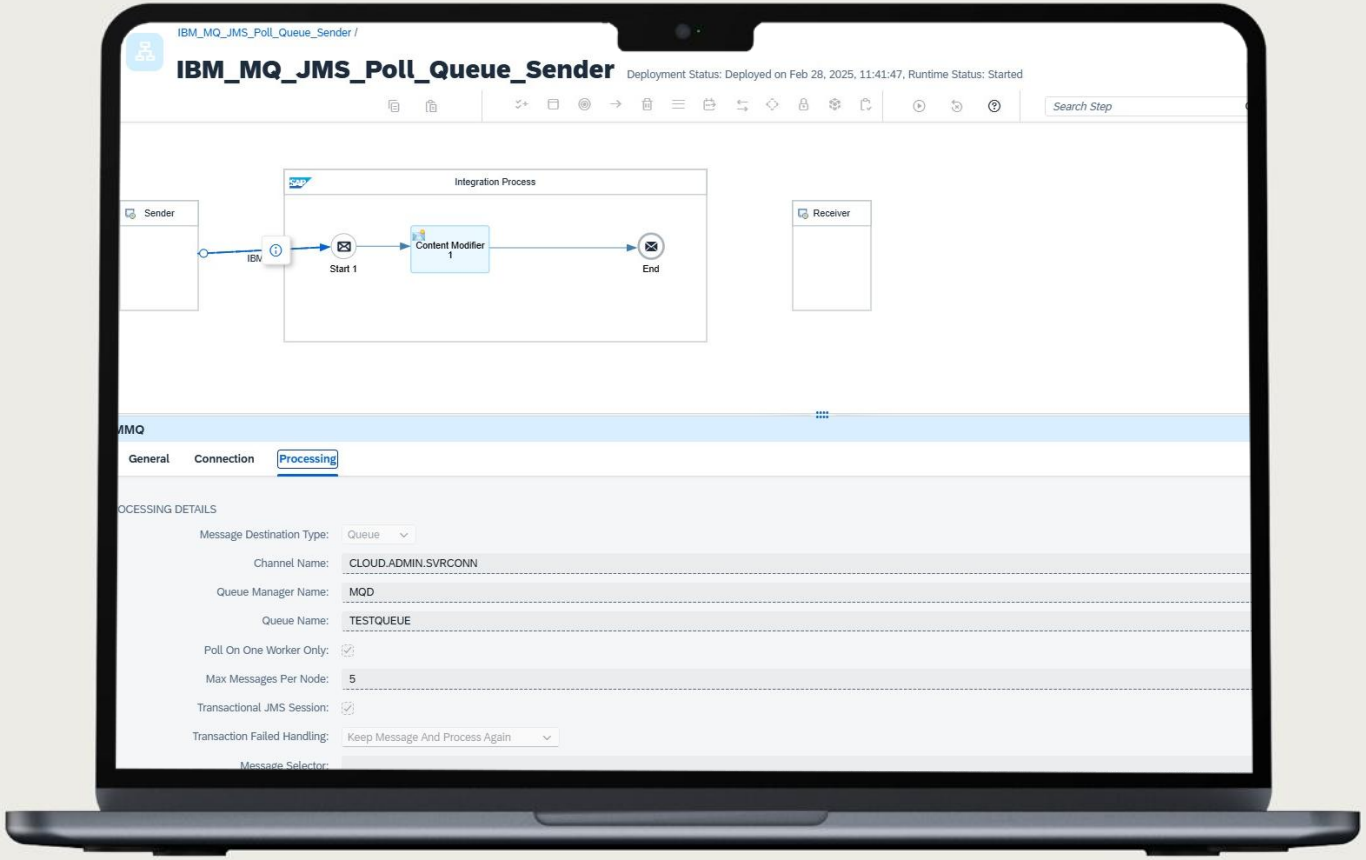
Supported Runtimes

- Cloud
- Cloud (On-Premise) *
- EIC

* New features

Sender Adapter

- **Operations**:
- Poll
- Subscribe
- **Destination**:
- Queue
- Topics
- Support Cloud Connector
- Support for JMS properties to Header mapping
- Support for duplicate check
- Support for various post processing handling



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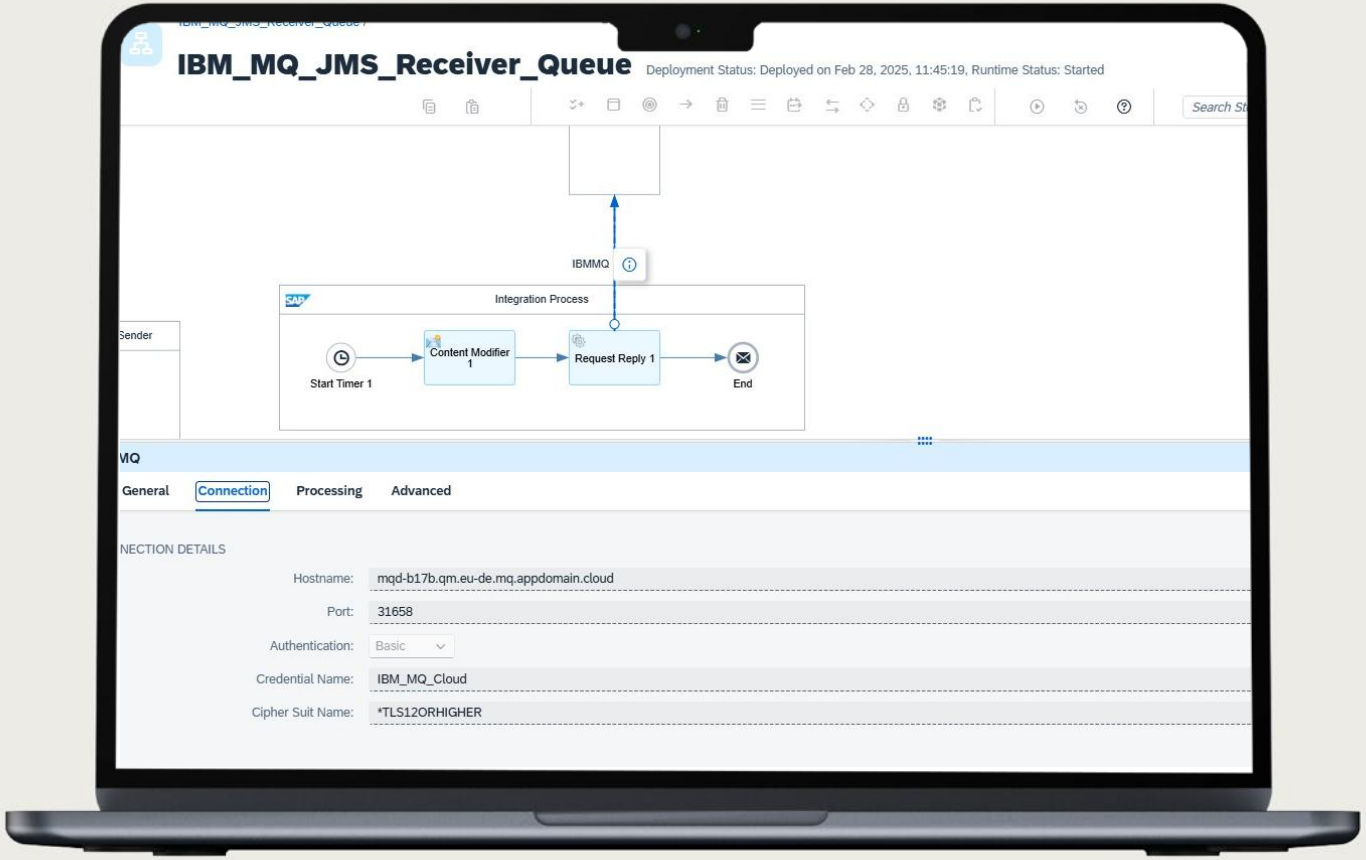
Receiver Adapter

- **Operation**:
- Write
- **Destination**:
- Queue
- Topic
- Support Cloud Connector
- Dynamic headers/property support
- Support for all JMS standard and custom headers
- Supports Byte and Text JMS messages
- Supports Persistent and Non-Persistent message delivery via JMS



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Demo

SAP BTP

Data Space Integration
data space integration package

Axel Albrecht

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Our automotive industry - Today

Various challenges are on the table, that can‘t be solved with the current operating model any longer

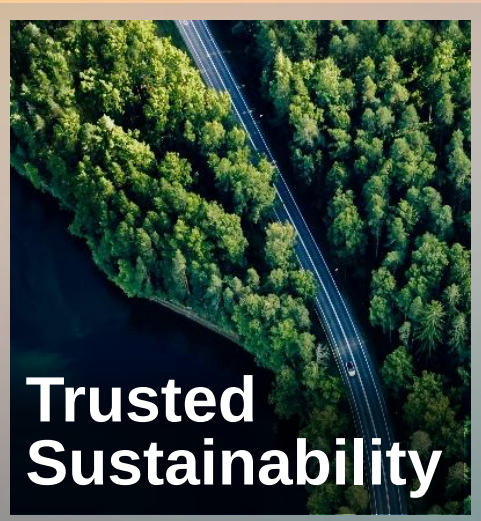
global automotive industry

bn of parts / day

global value chains

>1m locations

> 275k companies



Trusted Sustainability

- Report validated PCF
- Cover regional variance
- Run circular economy

Resilient Supply Chains

- Boost supply performance
- Manage inventory
- Tackle cyber security

Compliant PLM

- Create product passports
- Trace quality of parts
- Scale IT Infrastructure

It is a **Digital Challenge**

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The Catena-X idea & DNA

Build & govern the 1st **Trusted Multi-Tier Business Collaboration Network**

Layer 1: Build & govern
Full industry re-presentation

→ OEM / supplier / recycler / SME
→ Solution- / service provider

Layer 2: Scale
Global re-presentation

→ Regional alliances
→ Local hubs

Layer 3: Transfer
X-Industry re-presentation

→ Comparability & interoperability
→ Re-use / synergies

selected industry eco-systems partners

MX
FX
FACTORY-X
SX
SEMICONDUCTOR-X
AX
energy data-X
Chem-X

Temp. guidance-/ collaboration partners

TOGETHER FOR SUSTAINABILITY
wbcsd
CAICT
IMDS
many more…

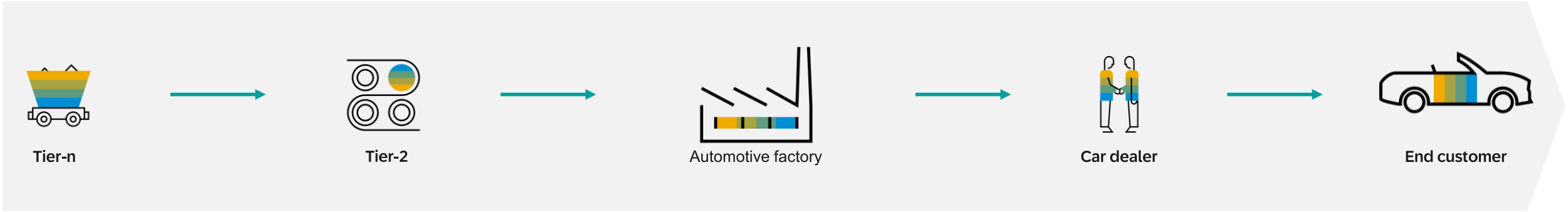
Status 01/25:
200 association members

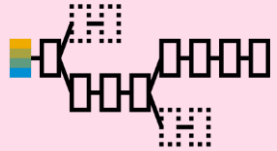
Status 10/24:
~ 6.000 companies reached

Trusted Catena-X data eco system: Industry governance + external verification bodies

affiliate company

Catena-X Next:
Supply Chain oriented use cases for the Automotive Value Chain





Parts Traceability

enables the exchange of relevant relationship information within the industry network by tracing serial numbers, batches, and components across organizations.

Carbon Footprint Management

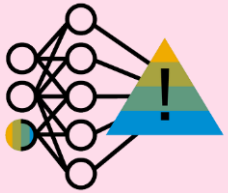
helps to create transparency of the product carbon footprint across the supply chain and thus achieve decarbonization goals.

Circular Economy Management

is about increasing the resource efficiency of production processes and products by leveraging recycled materials.

Demand and Capacity Management

enables digital cross-company collaboration and continuous data exchange to improve the decision-making process in the industry.



Quality Management

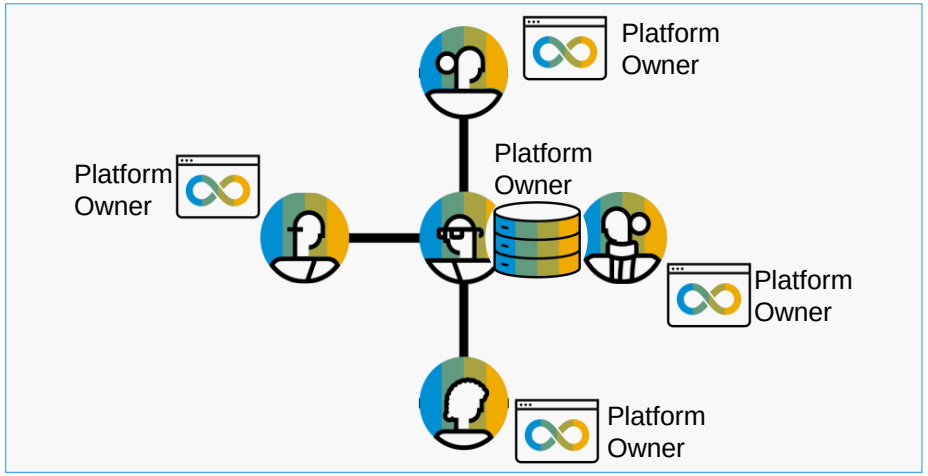
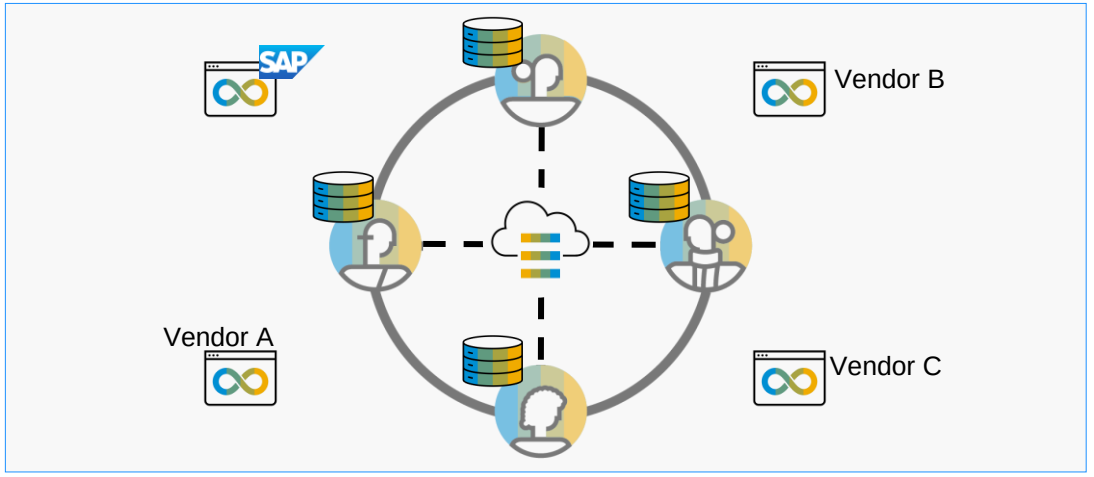
can provide targeted and precise error detection and root cause analysis in companies and networks across the automotive industry.

Manufacturing-X: Make Data Work

SAP is participating in various Manufacturing-X-projects

Source: Federal Ministry for Economic Affairs and Energy (2025). Manufacturing-X. Retrieved on October, 22 2025 from: https://www.plattform-i40.de/IP/Navigation/EN/Manufacturing-X/Manufacturing-X.html.

Manufacturing-X: How it is different from traditional Industry Platforms

	Traditional Platform	Manufacturing-X
		
Applications	Provided by the platform owner all integrated and aligned	Multiple (competing) solutions from various vendors. Each vendor provides and operates his solution
Topology	Central network service	(Slim) federated operating environment provided by an operating company (joint-venture of multiple companies). Data exchange decentral / directly between network participants
Data Persistence	Centrally owned by the platform owner	Decentral data persistence – data resides at data owner who can grant access to others

= data persistence = application

Data Spaces

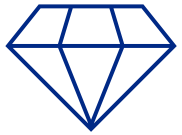
Data space is a decentralized, interoperable environment for secure and governed data exchange. It enables controlled sharing through technical and legal infrastructure, ensuring data sovereignty, transparency, and trust while supporting collaboration among participants.

Sovereign Data Exchange

- Companies retain full control over their data
- Usage conditions are machine-readable and enforceable
- Avoids lock-in effects from centralized platforms

Trusted Collaboration

- Only verified participants can join
- Certificates, digital identities, and audits build trust in the ecosystem
- Protects sensitive company data from misuse



Interoperability

- Uses shared protocols and data models
- Systems can automatically exchange data even across organizational boundaries

Governance

- Ensures values: privacy, trust, transparency, competition.
- Avoids single-company control and ensures long-term sustainability.

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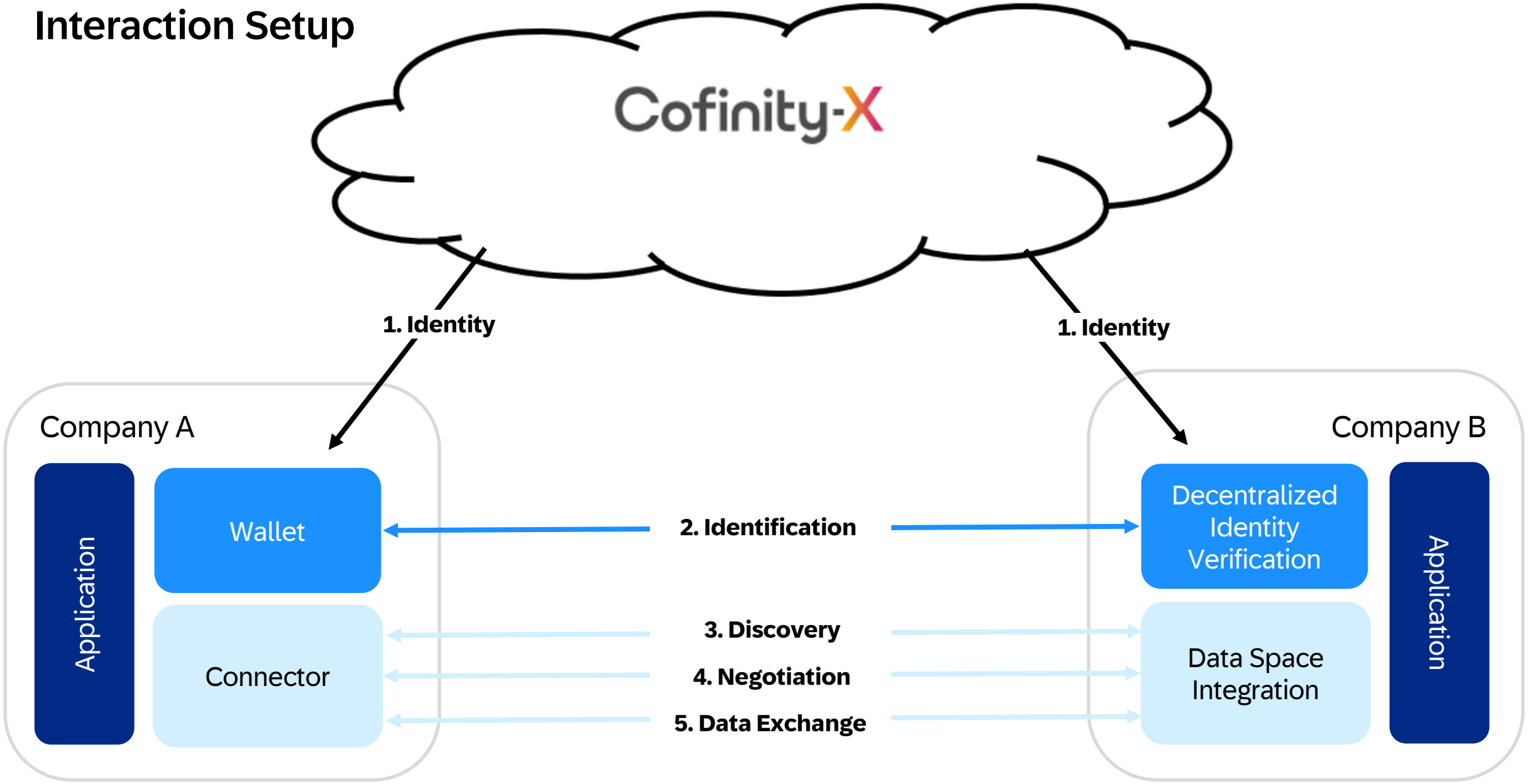
Source: https://gaia-x-hub.de/wp-content/uploads/2022/10/White_Paper_Definition_Dataspace_EN.pdf

Interaction Setup

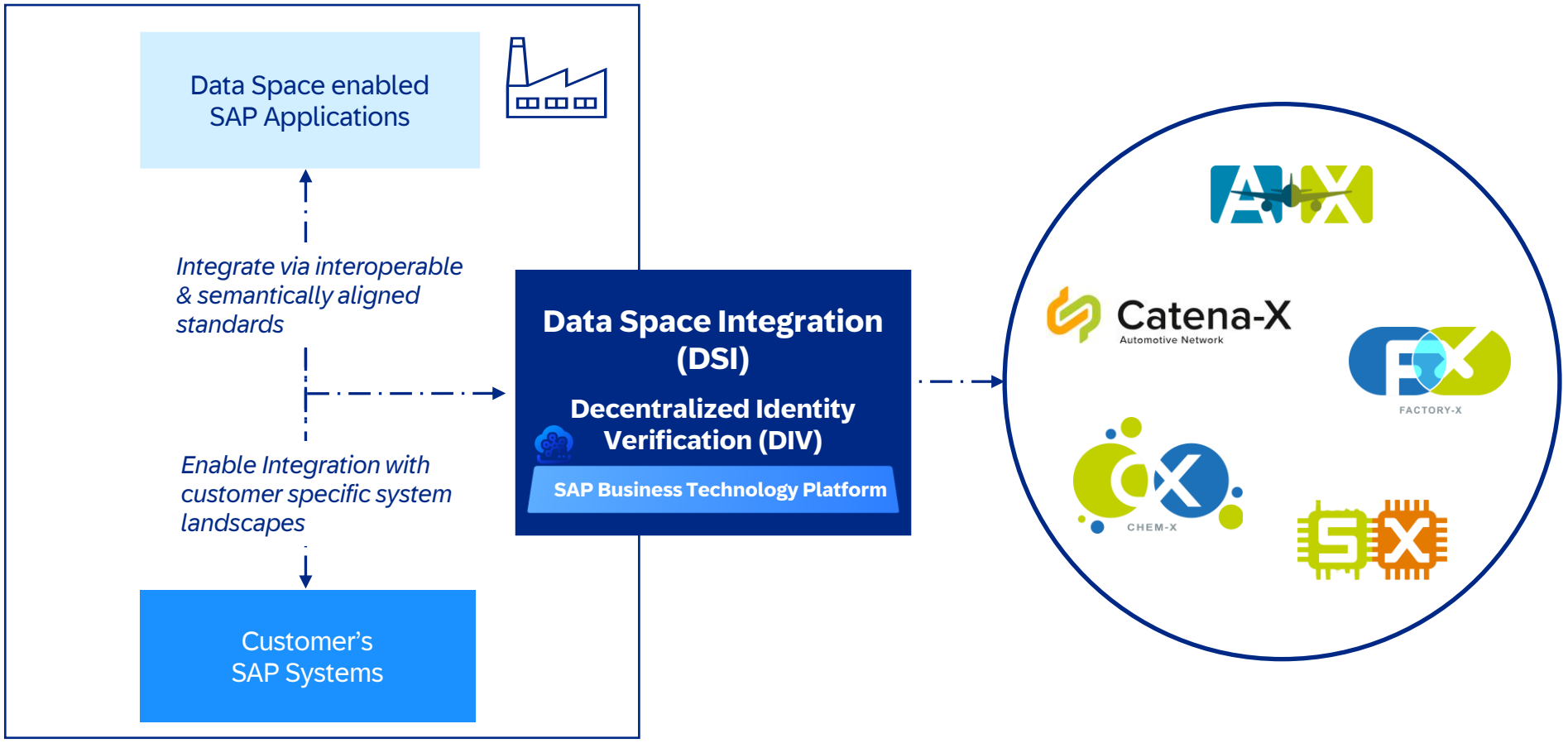


SAP Data Space Enablement

Paving the road for SAP Applications into various Data Spaces

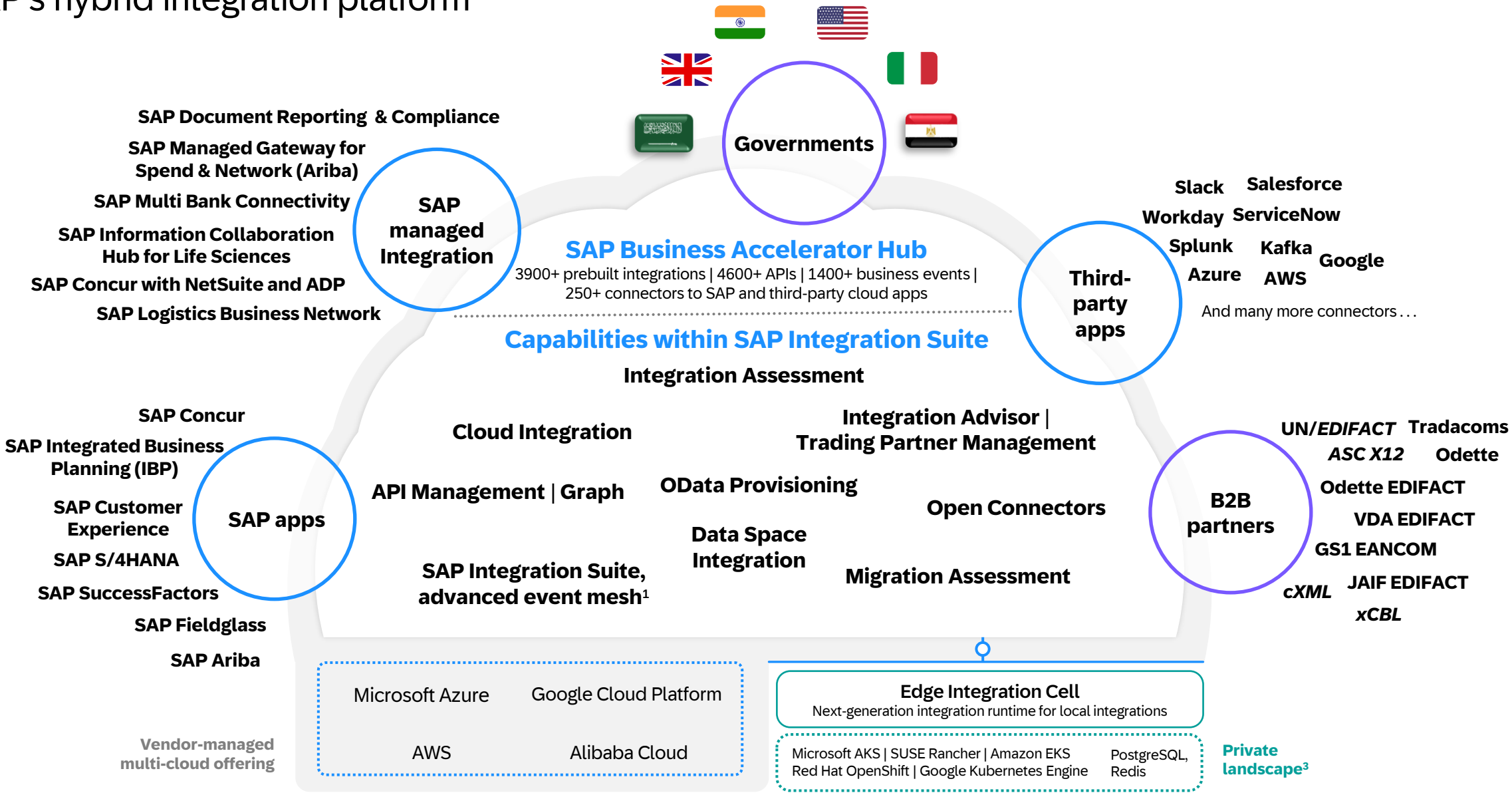
SAP is delivering foundational technologies that enable the data space integration of business applications.

Data Space Integration & **Decentralized Identity Verification** cover key functions such as managing network participants' identities, ensuring sovereign data exchange, and enforcing data usage policies.



SAP Integration Suite

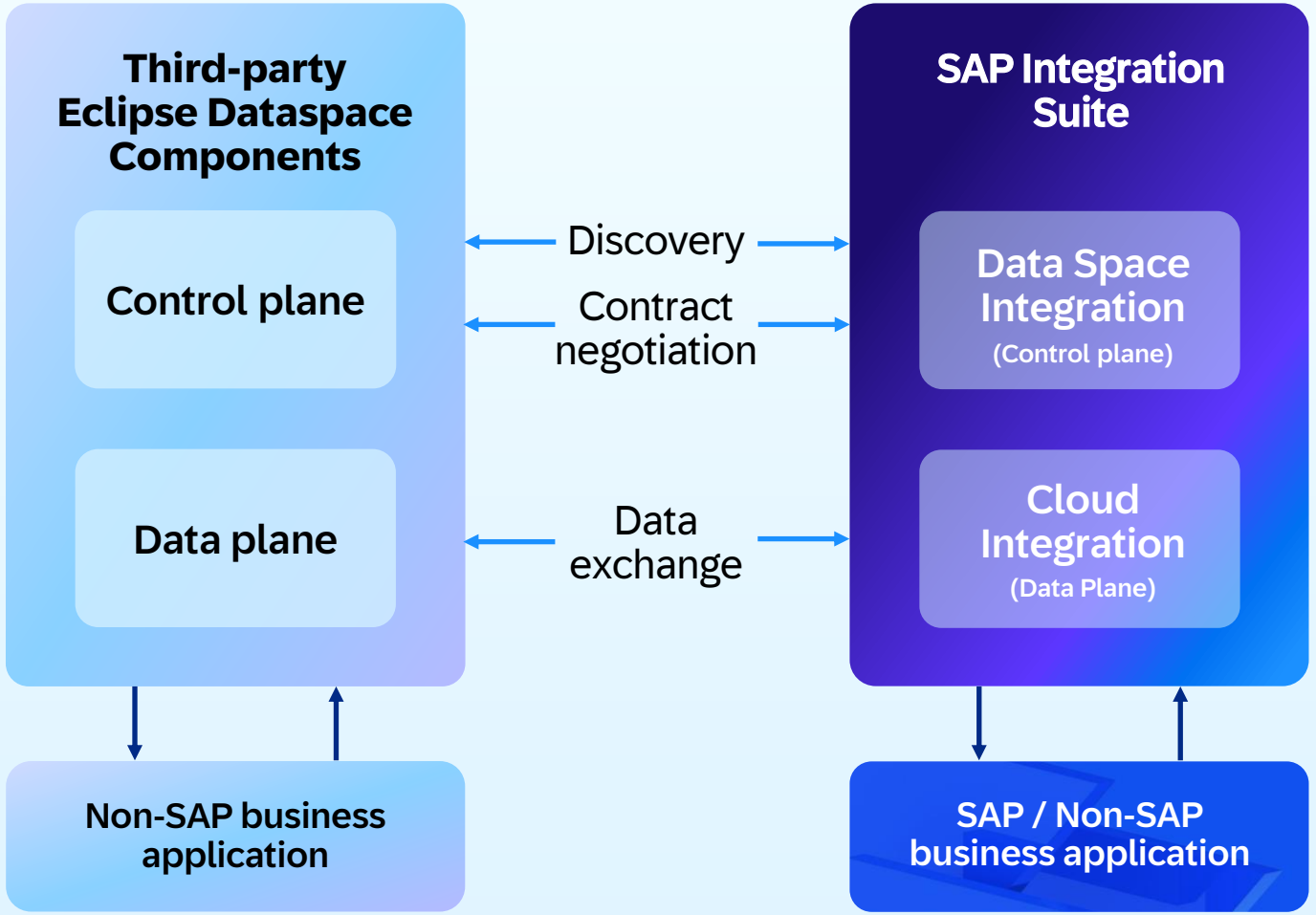
SAP's hybrid integration platform



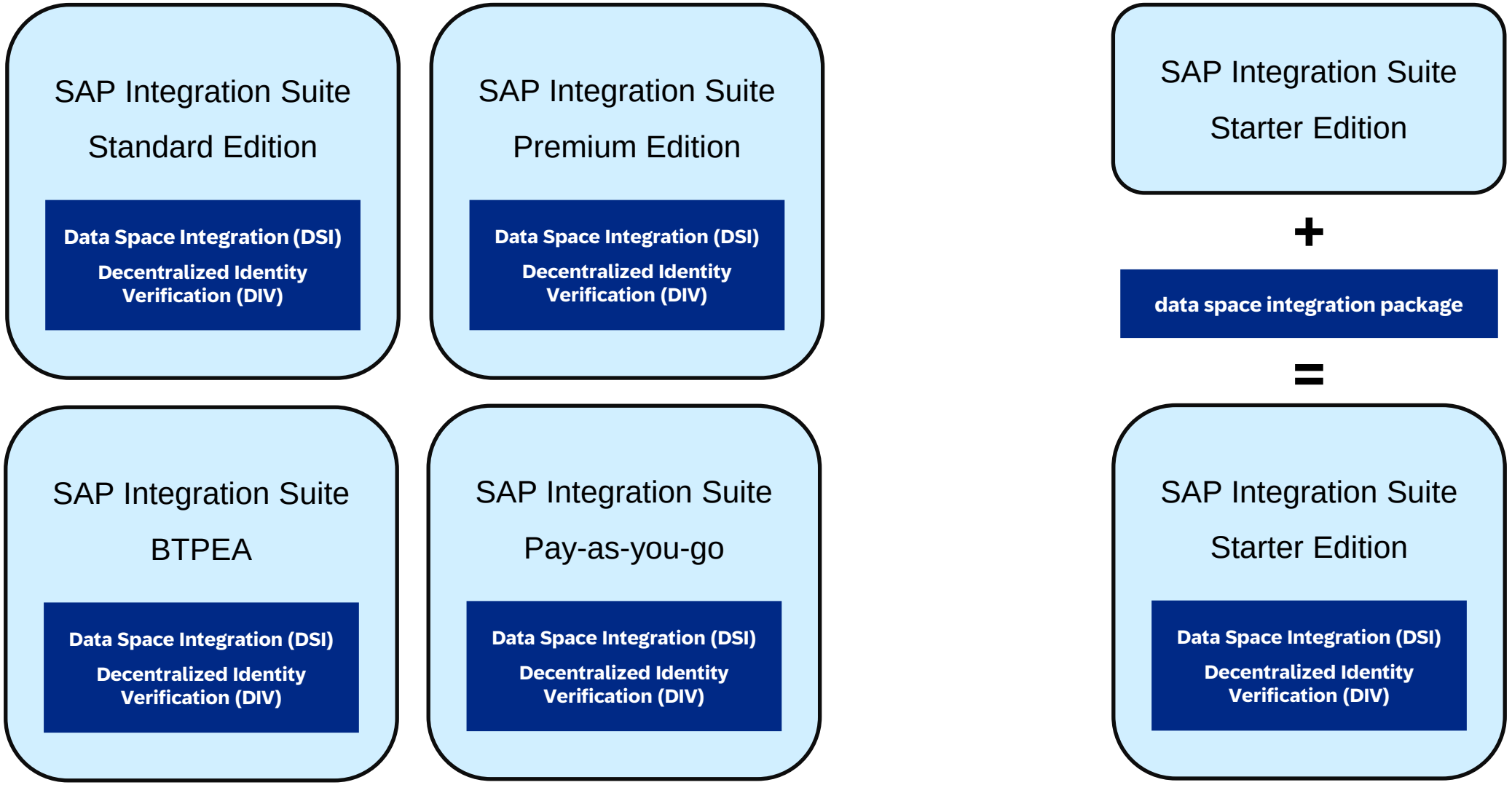
[1] Optional separate license | [2] Part of the road map, subject to change | [3] Private landscape corresponds to on premise or private cloud

Data Space Integration

- **Data Space Integration** can be activated by SAP Integration Suite licensed customers
- Data Space Integration **control plane** to
  - Create and manage offers
  - Discover data offers from partners,
  - Negotiate data sharing contracts
  - Govern offer creation and negotiations
- DSI uses Cloud Integration as **data plane** for
  - Data exchange
  - Mapping and transformation of data
  - Simple integration with SAP and non-SAP applications



Availability of Data Space Integration



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