

From Process via Test- Management to Test-Data

- Orchestrate and Integrate -

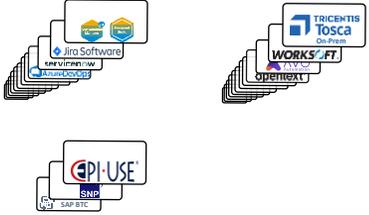
**CONIGMA™
CONNECT**



Federal Ministry
of Research

The Two Faces of the SAP Toolchain

SAP Toolchain Landscape: Integrated vs. Custom

	SAP Integrated Toolchain	SAP Custom Toolchain
Strategy	Out-of-the-box standard	Best-of-breed with custom glue
Governance & Integration	SAP-guided, standardized	Flexible, customer-owned
Tools		
Typical Customers	SAP-first organizations	Hybrid landscapes, cloud, on-prem, 3 rd party

Two toolchain paradigms – one vision for RISE. Conigma™ Connect ensures seamless interoperability for both

What is Conigma™ Connect?

A Smart Integration and Orchestration Layer for SAP-Centric Toolchains.

1



Complements **SAP's best-practice toolchain** (e.g. Signavio, SAP Cloud ALM, Tosca Cloud, Syniti) when customers face legacy data or hybrid process challenges.

2



Orchestrates SAP and non-SAP products within **customer-specific or legacy toolchains** across enterprise architecture, requirements, testing, and deployment.

3



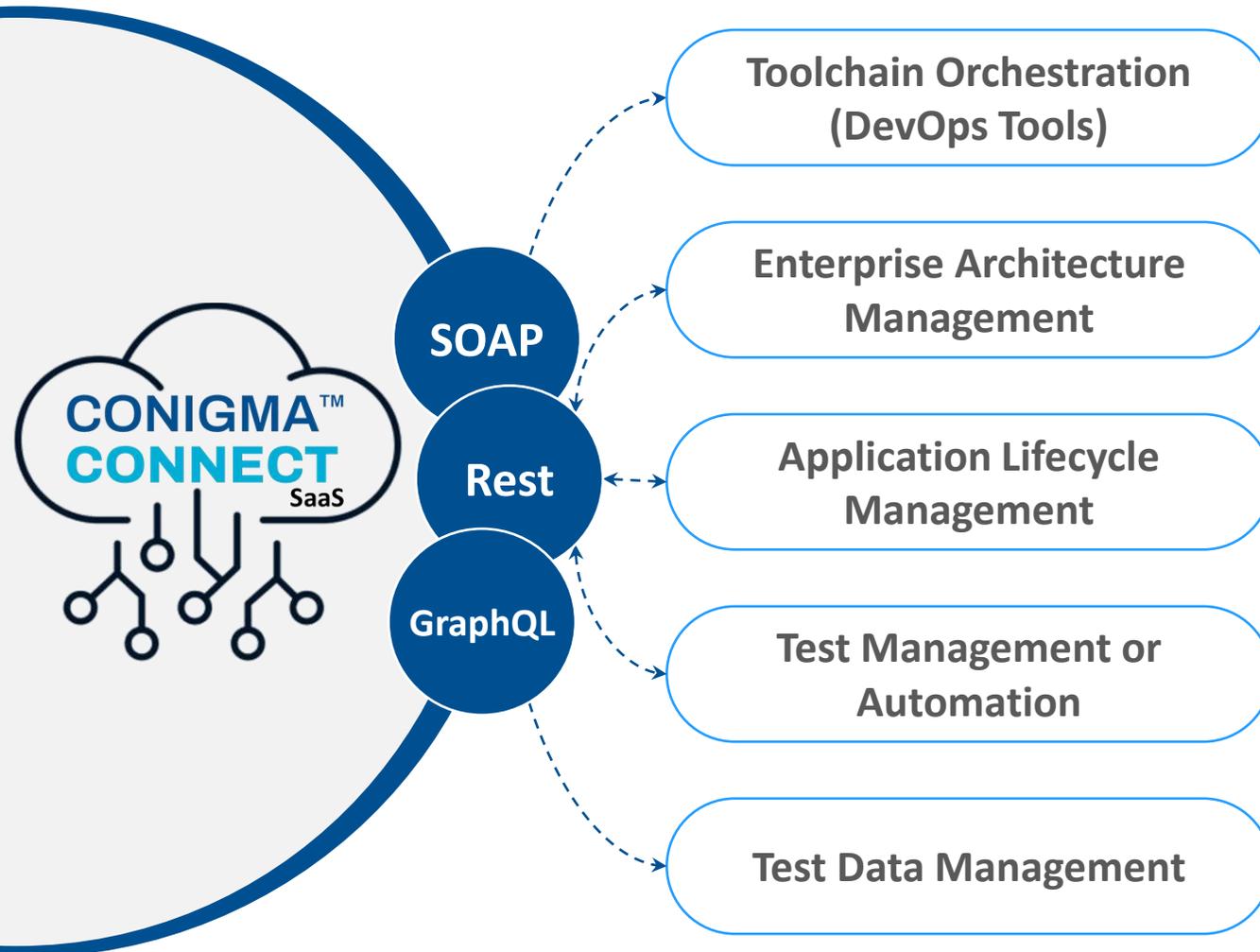
Configurable and proven in **regulated and hybrid environments**. Key enabler for IT factory auto-mation. Swiss army knife for **restricted environments**.

CONIGMA™ CONNECT

Purpose-built for complex SAP transformation landscapes – greenfield, brownfield, or anything in between.

Conigma™ Connect SaaS in the Cloud

Connecting what You Have on a No-Code Basis



Conigma™ Connect 2025 is a cloud-native SaaS platform

On-prem and private cloud available in Q4/2025

Endpoint-systems can reside anywhere

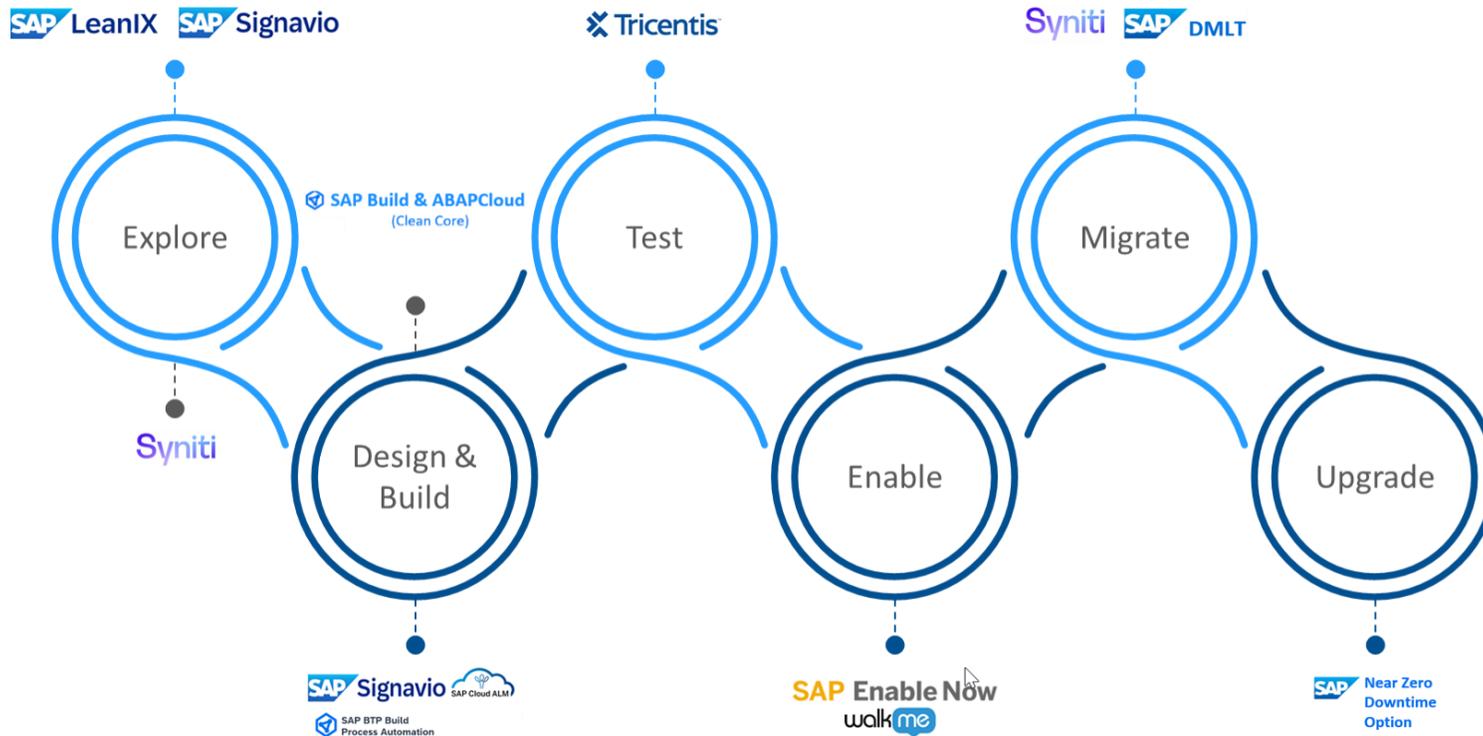
- Public cloud
- Private cloud
- On-premises

Enterprise-grade security

- Encrypted data in transit & at rest
- Strict tenant isolation and role-based access control (RBAC)
- Hosted in regionally compliant (Azure Cloud or SAP BTP)

The Components of the SAP Integrated Tool Chain

Systematically bridging Business and IT Transformation



Accelerated Development & Deployment

Agile and DevOps methodologies for faster and more reliable SAP application delivery.

Efficient Change & Release Management

Streamlines change processes with governance and compliance controls.

Automated Testing & Quality Assurance

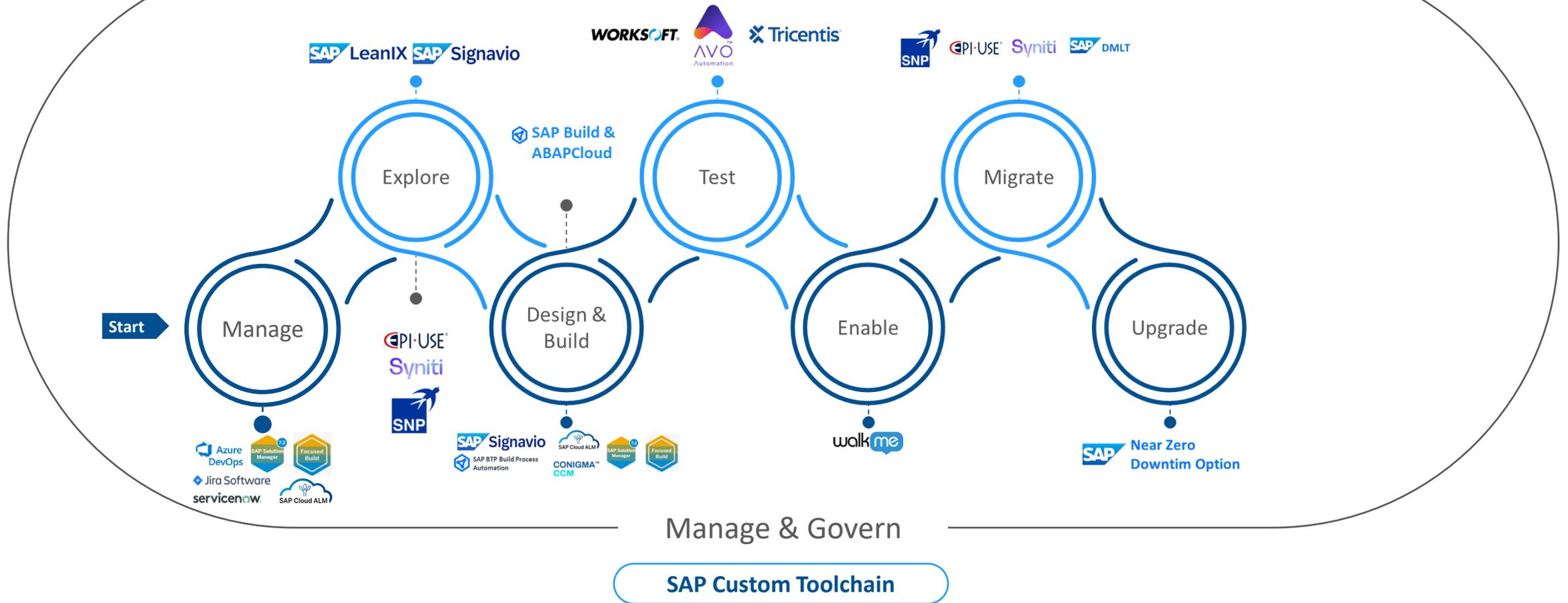
Software quality through automated test case generation and validation.

End-To-End Integration

Seamless toolchain for managing SAP landscapes, from development to operations.

Orchestration of Tasks across the SAP Custom Toolchain

Bridging Business and IT Transformation



Where is Conigma™ Connect used?

Representative Use Cases from SAP Transformation Programs.

1

Automated Test Case Generation from Business Process Models

- **Input**
BPMN process / libraries maintained in Signavio.
- **Output**
Structured test skeletons and templates in Tosca (incl. variants management).

Accelerates test creation and ensures process alignment.

2

End-To-End Test Data Integration Across Syniti and Tosca

- **Synchronization** of meta-info → test data mapped to Tosca test cases.
- **Synchronize test data sets** to Tosca / enables automated execution with prefilled test variables.

Closes the loop between modeling, testing, and data.

3

Federated QA Across Customer Toolchain

- **Orchestrates QA-relevant assets** across EAM, PM & Issue Tracking, ALM, Test Management / Autom.
- **Activities' management** as regards to all QA-assets (e. g. Jira's management items).

Ensures traceability across system boundaries and project phases.

4

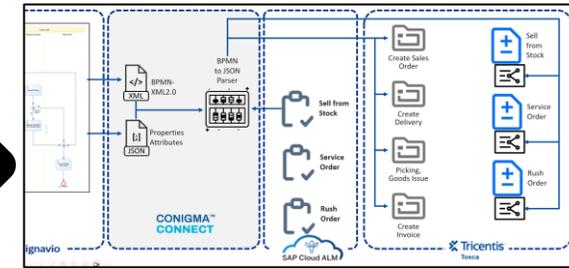
3rd-party Issue- & Project Management Integration)

- **Syncs epics, user stories, and features** with business requirements and change documents.
- **Establishes semantic and technical** links across disconnected planning and execution layers.

Enables seamless collaboration between business and IT.

Where is Conigma™ Connect used?

Representative Use Cases from SAP Transformation Programs.



1

Automated Test Case Generation from Business Process Models

- **Input**
BPMN process / libraries maintained in Signavio.
- **Output**
Structured test skeletons and templates in Tosca (incl. variants management).

Accelerates test creation and ensures process alignment.

2

End-To-End Test Data Integration Across Syniti and Tosca

- **Synchronization** of meta-info → test data mapped to Tosca test cases.
- **Synchronize test data sets** to Tosca / enables automated execution with prefilled test variables.

Closes the loop between modeling, testing, and data.

3

Federated QA Across Customer Toolchain

- **Orchestrates QA-relevant assets** across EAM, PM & Issue Tracking, ALM, Test Management / Autom.
- **Activities' management** as regards to all QA-assets (e. g. Jira's management items).

Ensures traceability across system boundaries and project phases.

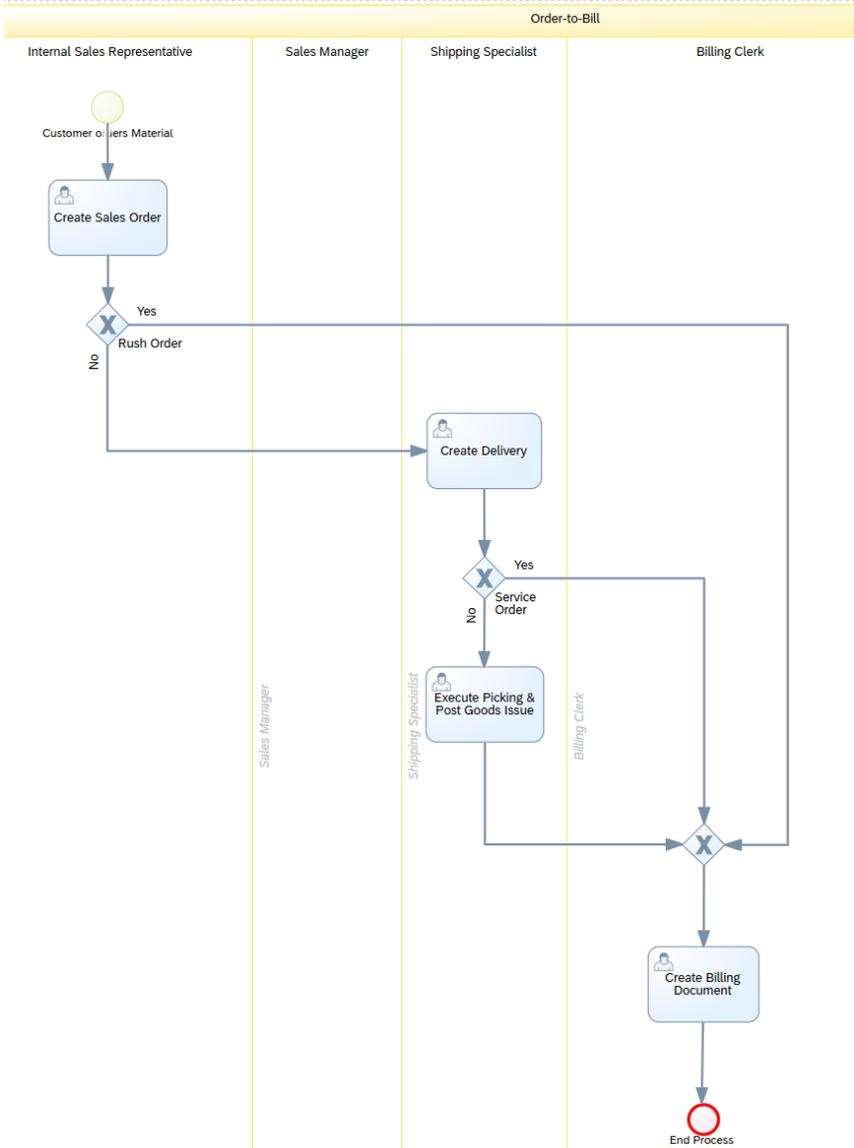
4

3rd-party Issue- & Project Management Integration)

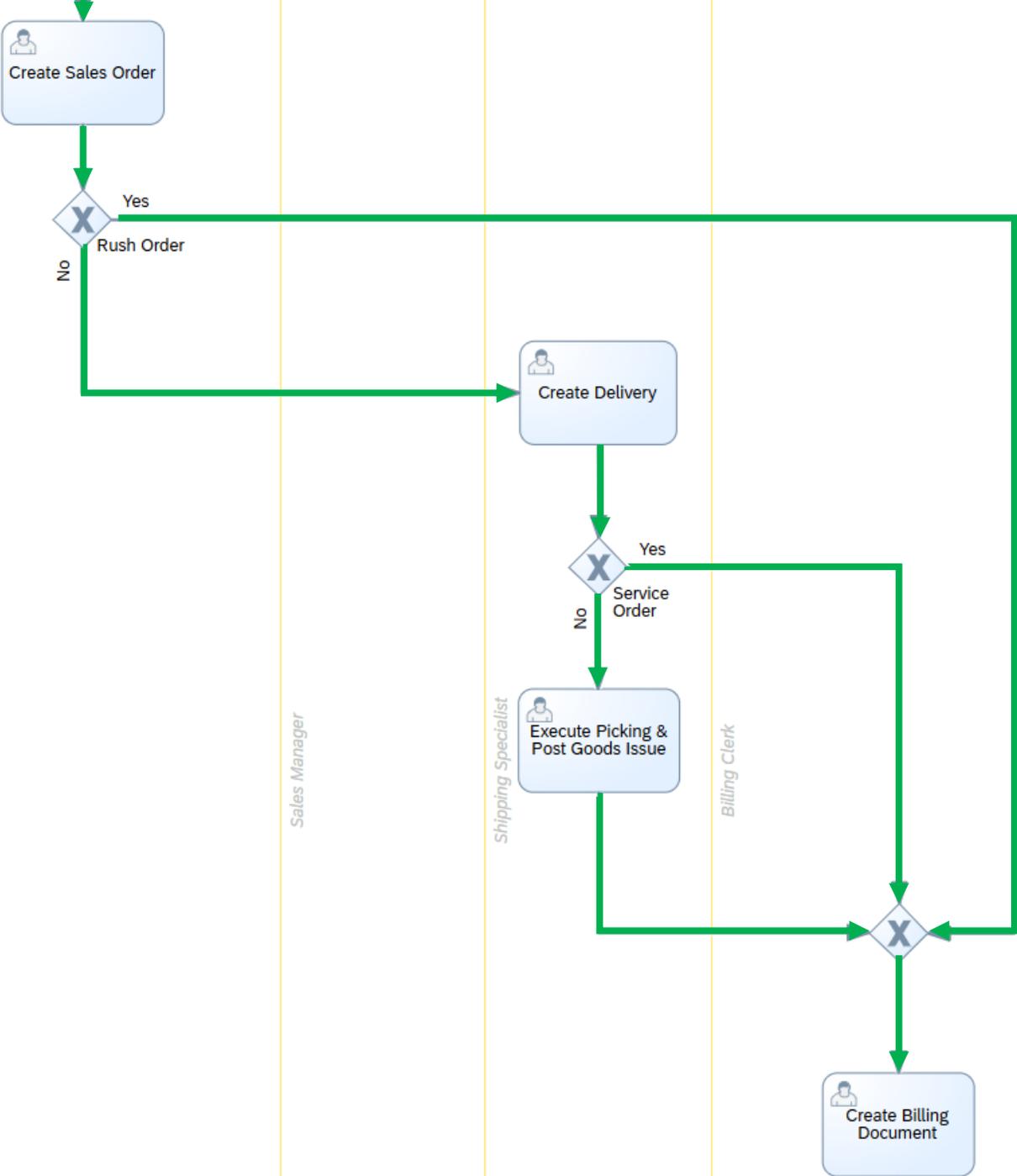
- **Syncs epics, user stories, and features** with business requirements and change documents.
- **Establishes semantic and technical** links across disconnected planning and execution layers.

Enables seamless collaboration between business and IT.

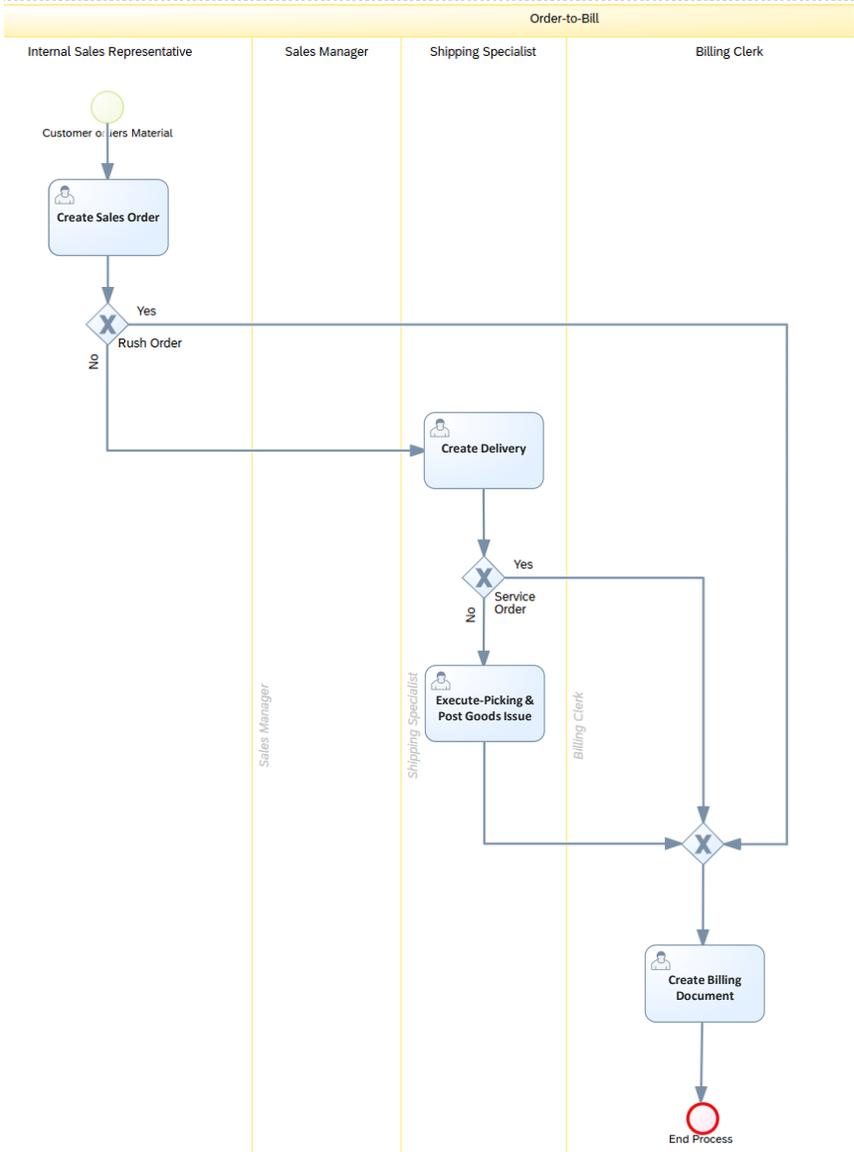
Order-to-Bill Example Process



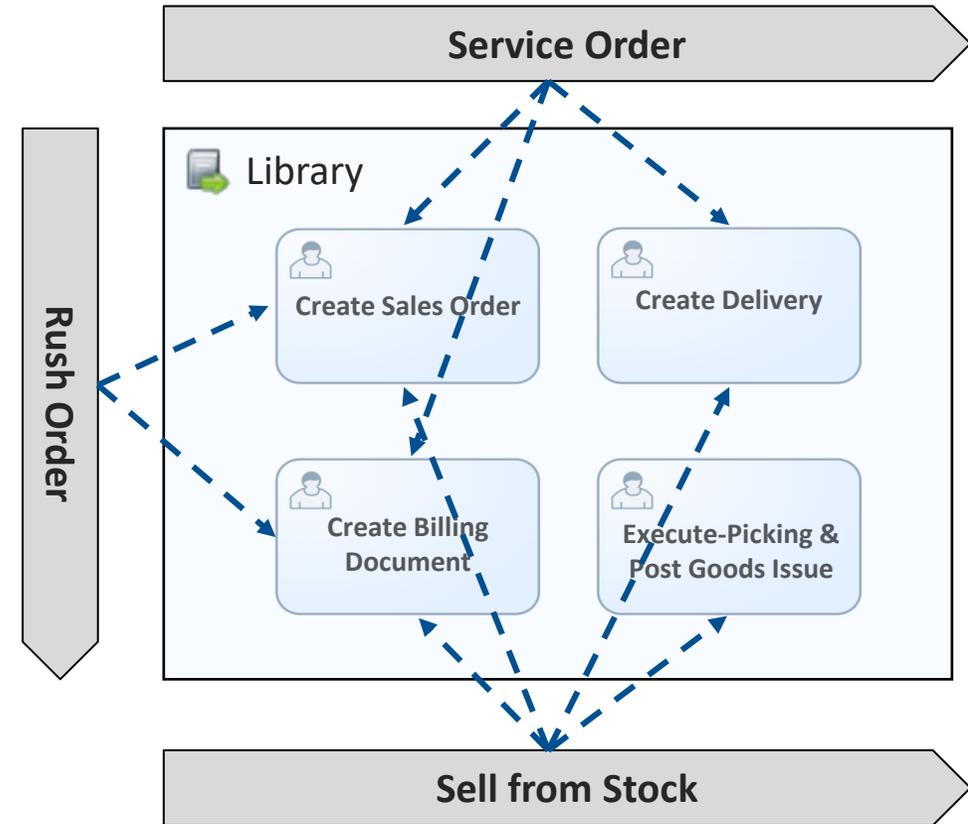
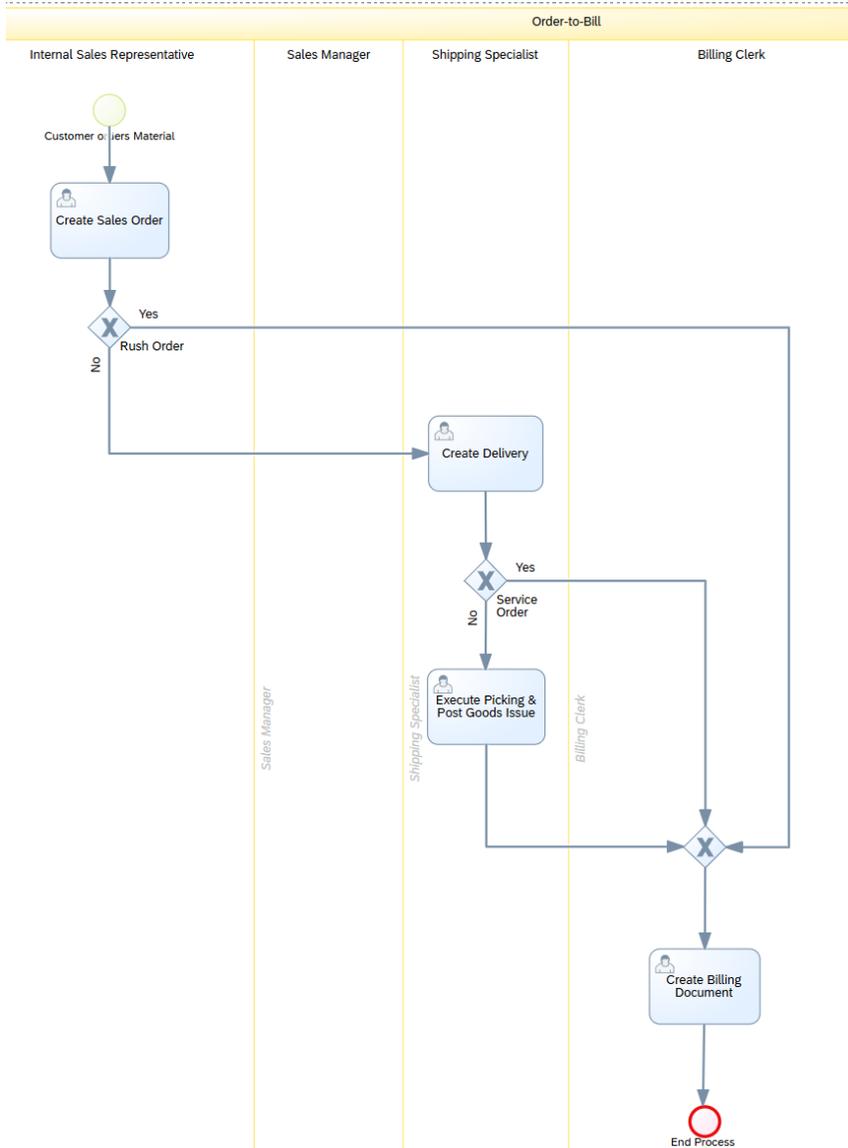
Order-to-Bill E



Order-to-Bill Example Process

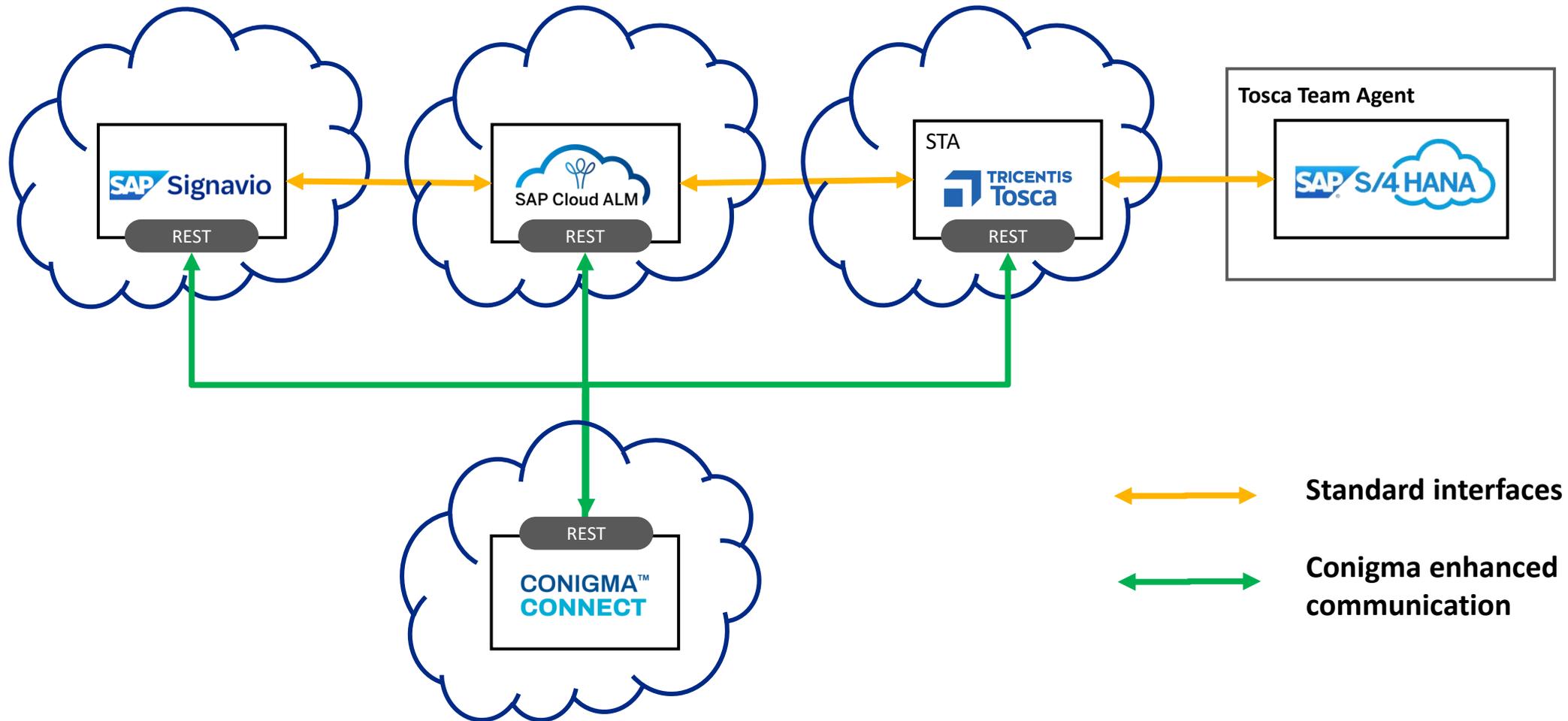


Library used by Different Processes



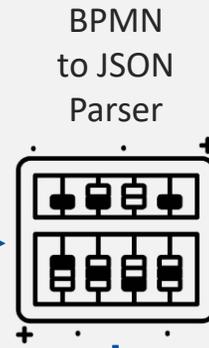
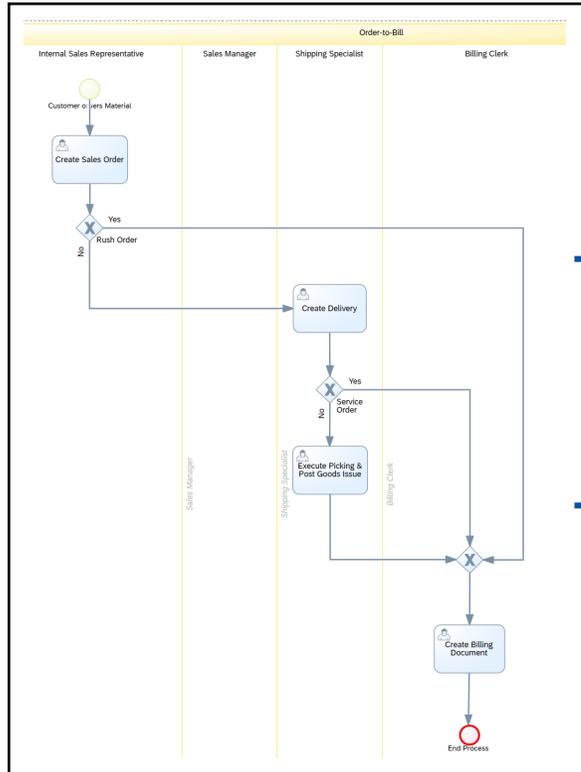
	Rush Order	Service Order	Sell from Stock
Sales Order	✓	✓	✓
Delivery		✓	✓
Picking, Goods Issue			✓
Billing	✓	✓	✓

Conigma™ Connect – Standard Interface Enhancements



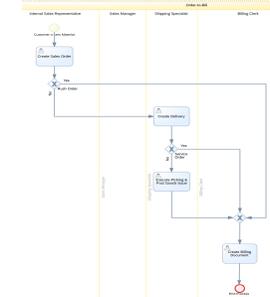
Transformation SAP Signavio – SAP Cloud ALM

→ Conigma™
Connect iFlow
- - - Native SAP
Cloud ALM



CONIGMA™
CONNECT

Solution Process Flow



Sell from
Stock

Service
Order

Rush
Order



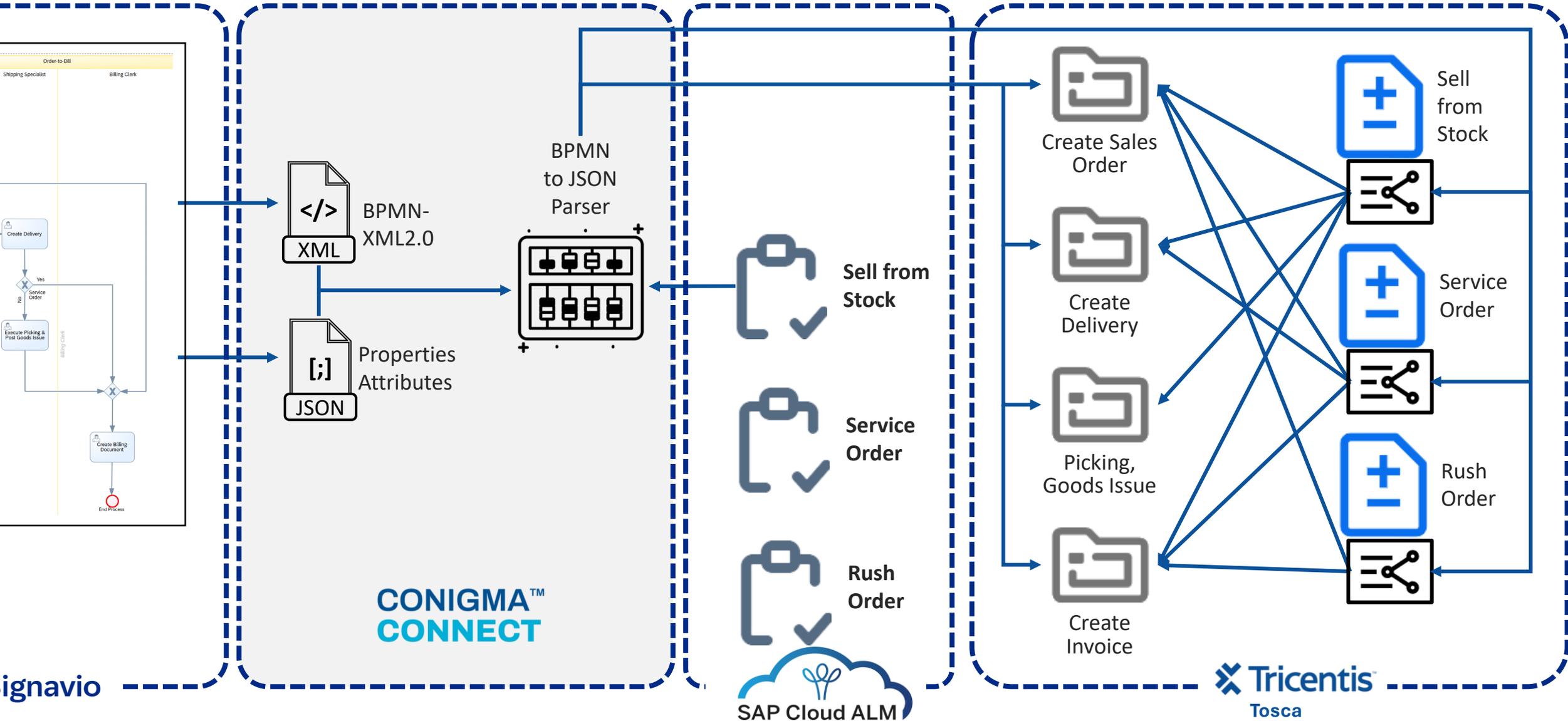
SAP Signavio

SAP Cloud ALM

Tricentis™
Tosca

Transformation SAP Signavio – Tricentis Tosca

—→ Conigma™
Connect iFlow
- - - -> Native SAP
Cloud ALM



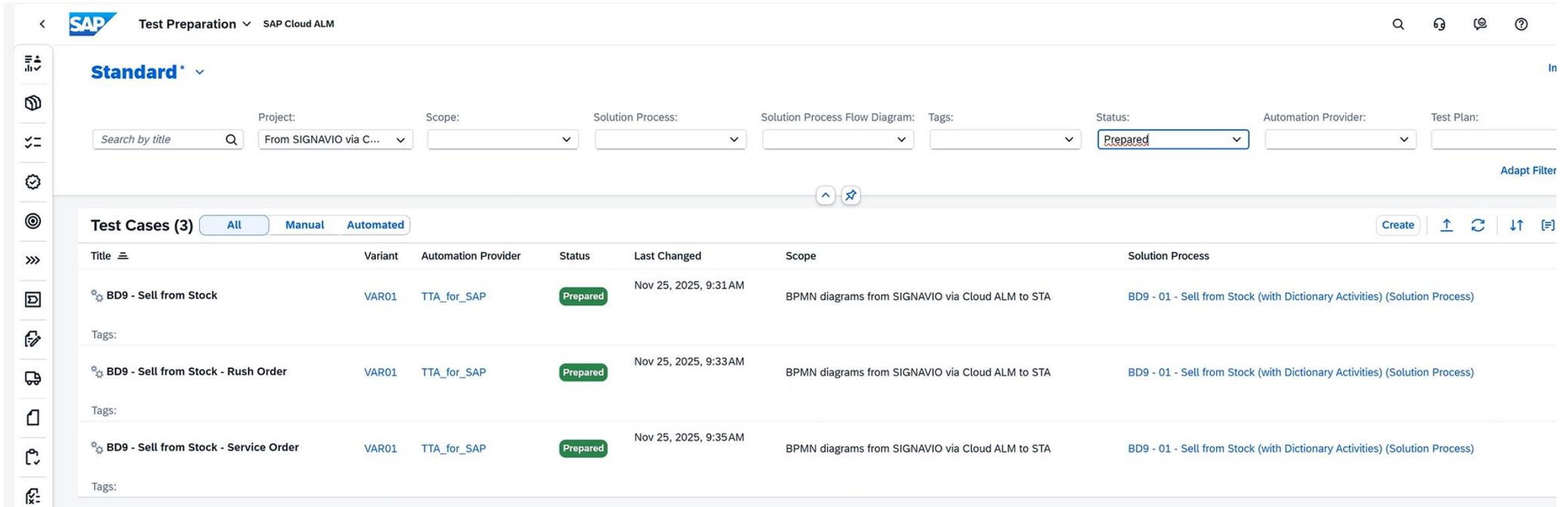
Trigger by Creation of First Automated Test Case

The screenshot displays the SAP Test Preparation interface. The main area shows a table for 'Test Cases (0)' with columns for Title, Variant, Automation Provider, Status, Last Changed, Scope, and Solution Process. The table is currently empty, displaying a 'No results found' message with a funnel icon and the text 'Try adjusting your filter criteria.' Above the table are filter options for Project (From SIGNAVIO via C...), Scope, Solution Process, and Solution Process Flow Diagram. The right-hand side of the interface features a 'New Test Case' form with the following fields:

- Type: * Automated
- Automation Provider: * TTA_for_SAP
- Title: * BD9 - Sell from Stock
- Project: From SIGNAVIO via Cloud ALM to STA with Governance
- Scope: * BPMN diagrams from SIGNAVIO via Cloud ALM to STA
- Solution Process: BD9 - 01 - Sell from Stock (with Dictionary Activities) (Solution Process)
- Country/Region: * Global

At the bottom of the form, there are 'Save' and 'Cancel' buttons.

Test Cases for the Variants created by Conigma™ Connect



The screenshot displays the SAP Test Preparation interface for SAP Cloud ALM. The top navigation bar includes the SAP logo, 'Test Preparation', and 'SAP Cloud ALM'. A search bar is present on the right. The main area shows a filter bar with 'Standard' selected. Below this, a search filter section includes a search box and several dropdown menus for Project, Scope, Solution Process, Solution Process Flow Diagram, Tags, Status (set to 'Prepared'), Automation Provider, and Test Plan. A table titled 'Test Cases (3)' is shown with tabs for 'All', 'Manual', and 'Automated'. The table has columns for Title, Variant, Automation Provider, Status, Last Changed, Scope, and Solution Process. Three test cases are listed, all with a 'Prepared' status.

Title	Variant	Automation Provider	Status	Last Changed	Scope	Solution Process
BD9 - Sell from Stock	VAR01	TTA_for_SAP	Prepared	Nov 25, 2025, 9:31AM	BPMN diagrams from SIGNAVIO via Cloud ALM to STA	BD9 - 01 - Sell from Stock (with Dictionary Activities) (Solution Process)
BD9 - Sell from Stock - Rush Order	VAR01	TTA_for_SAP	Prepared	Nov 25, 2025, 9:33AM	BPMN diagrams from SIGNAVIO via Cloud ALM to STA	BD9 - 01 - Sell from Stock (with Dictionary Activities) (Solution Process)
BD9 - Sell from Stock - Service Order	VAR01	TTA_for_SAP	Prepared	Nov 25, 2025, 9:35AM	BPMN diagrams from SIGNAVIO via Cloud ALM to STA	BD9 - 01 - Sell from Stock (with Dictionary Activities) (Solution Process)

The first automated Test Case in CALM is created manually. All others (= Service Order and Rush Order) are created automatically by Conigma™ Connect.

Test Case Creation in Tosca

Tricentis Default

Inventory

Inventory

All Modules Reusable test steps Test cases

Search

+ New Folder

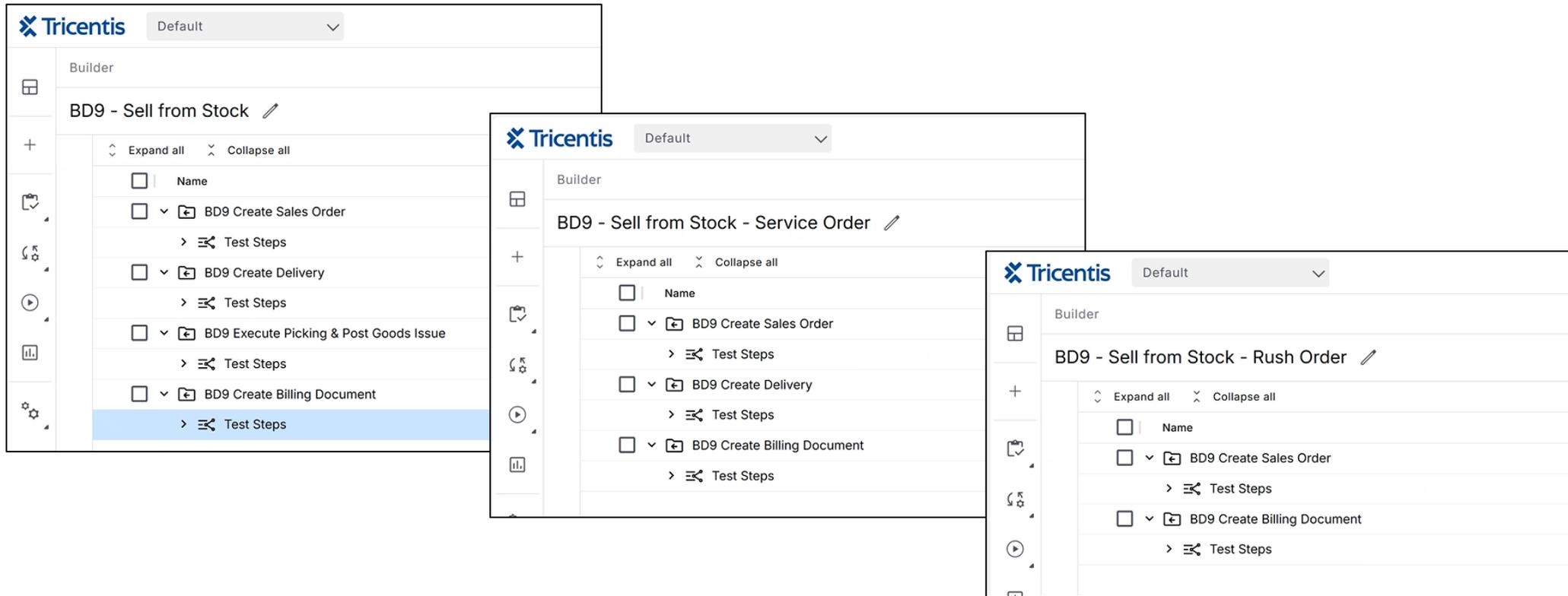
All Assets

<input type="checkbox"/>	Name	Asset	Last modified on ↓	Last modified by
<input type="checkbox"/>	↻ BD9 - Sell from Stock - Rush Order	● Test case	2025-11-25 09:33:28	U Unknown
<input type="checkbox"/>	↻ BD9 - Sell from Stock - Service Order	● Test case	2025-11-25 09:32:49	U Unknown
<input type="checkbox"/>	↻ BD9 - Sell from Stock	● Test case	2025-11-25 09:31:00	U Unknown

Flat list view Move selected

Based on the three SAP Cloud ALM test cases the Tosca test cases are created by standard interface, each linked to the corresponding SAP Cloud ALM test cases.

Test Step Generation by Conigma™ Connect



Conigma™ Connect creates the Test Step Folders for all three variants and links them to the appropriate Tosca Library Elements.

Test Plan Creation by Conigma™ Connect

The screenshot shows the SAP Test Plan interface for a test plan titled "BD9 - Sell from Stock". The interface includes a navigation sidebar on the left, a top header with the SAP logo and "Test Plan" dropdown, and a main content area. The main content area is divided into "General Information" and "Test Cases (3)".

General Information

Context	Status and Planning	Object
Title: BD9 - Sell from Stock Description: -	Project: From SIGNAVIO via Cloud ALM to STA with Governance Status: In Preparation Responsible: -	ID: 8-3-8 Created On: Nov 25, 2025, 9:43:21 AM Changed On: Nov 25, 2025, 9:43:21 AM Tags: -

Test Cases (3)

Seque...	Title	Status	Scope	Solution Process
1	BD9 - Sell from Stock	Prepared	BPMN diagrams from SIGNAVIO via Cloud ALM to STA	BD9 - 01 - Sell from Stock (with Dictionary Activities) (Solution Process)
2	BD9 - Sell from Stock - Rush Order	Prepared	BPMN diagrams from SIGNAVIO via Cloud ALM to STA	BD9 - 01 - Sell from Stock (with Dictionary Activities) (Solution Process)
3	BD9 - Sell from Stock - Service Order	Prepared	BPMN diagrams from SIGNAVIO via Cloud ALM to STA	BD9 - 01 - Sell from Stock (with Dictionary Activities) (Solution Process)

Conigma™ Connect creates a Test Plan that covers all process variants.

SAP Cloud ALM as Test Execution Workbench for Tosca

The screenshot displays the SAP Cloud ALM Test Cases interface. At the top, there are tabs for 'All', 'Manual', and 'Automated'. Below this, a table header shows columns for 'Sequence', 'Test Case Information', 'Status', 'Test Progress', and 'Defects'. The main content area shows a test case titled 'BD9 - Sell from Stock' with a status of 'Passed' and a progress bar at 100%. The test case details include: Variant: VAR01, Automation Provider: TTA_for_SAP, Last Changed: Nov 25, 2025, 9:47 AM, Scope: BPMN diagrams from SIGNAVIO via Cloud ALM to STA, Tester: (empty), Solution Process: BD9 - 01 - Sell from Stock (with Dictionary Activities) (Solution Process), Test Plan: BD9 Test Plan 1, and Tags: (empty). On the right side, a notification card for 'Malte Klassen' shows a green checkmark, the time 'Today at 9:47 AM', a 100% progress bar, and the message 'Passed. Check results in the Automation Test Tool.' with a link to 'Open Execution Log'.

**Example result of a Tosca execution
triggered by SAP Cloud ALM**

Where is Conigma™ Connect used?

Representative Use Cases from SAP Transformation Programs.

1

Automated Test Case Generation from Business Process Models

- **Input**
BPMN process / libraries maintained in Signavio.
- **Output**
Structured test skeletons and templates in Tosca (incl. variants management).

Accelerates test creation and ensures process alignment.

2

End-To-End Test Data Integration Across Syniti and Tosca

- **Synchronization** of meta-info → test data mapped to Tosca test cases.
- **Synchronize test data sets** to Tosca / enables automated execution with prefilled test variables.

Closes the loop between modeling, testing, and data.

3

Federated QA Across Customer Toolchain

- **Orchestrates QA-relevant assets** across EAM, PM & Issue Tracking, ALM, Test Management / Autom.
- **Activities' management** as regards to all QA-assets (e. g. Jira's management items).

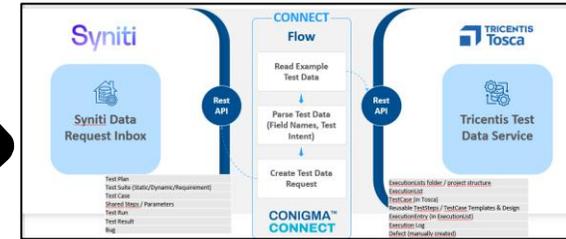
Ensures traceability across system boundaries and project phases.

4

3rd-party Issue- & Project Management Integration)

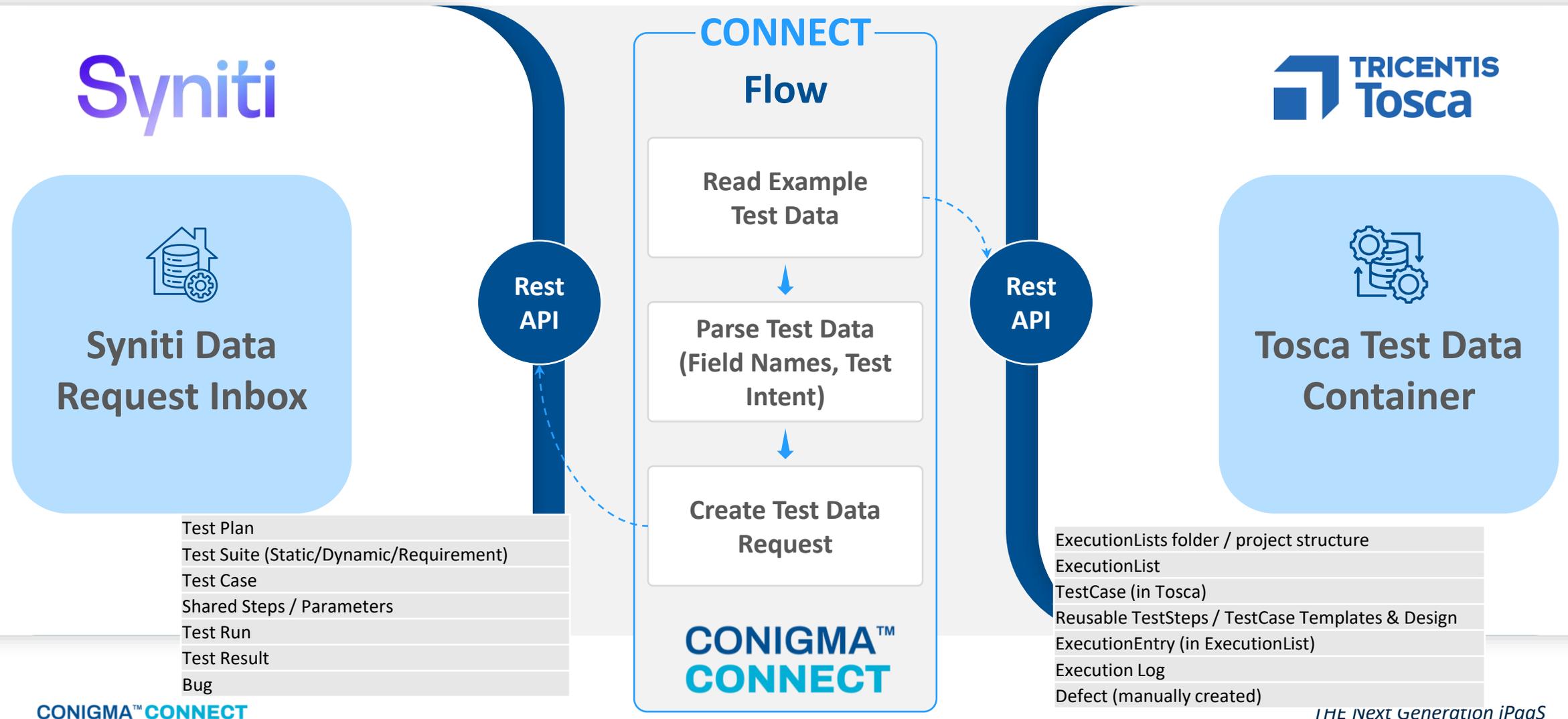
- **Syncs epics, user stories, and features** with business requirements and change documents.
- **Establishes semantic and technical** links across disconnected planning and execution layers.

Enables seamless collaboration between business and IT.



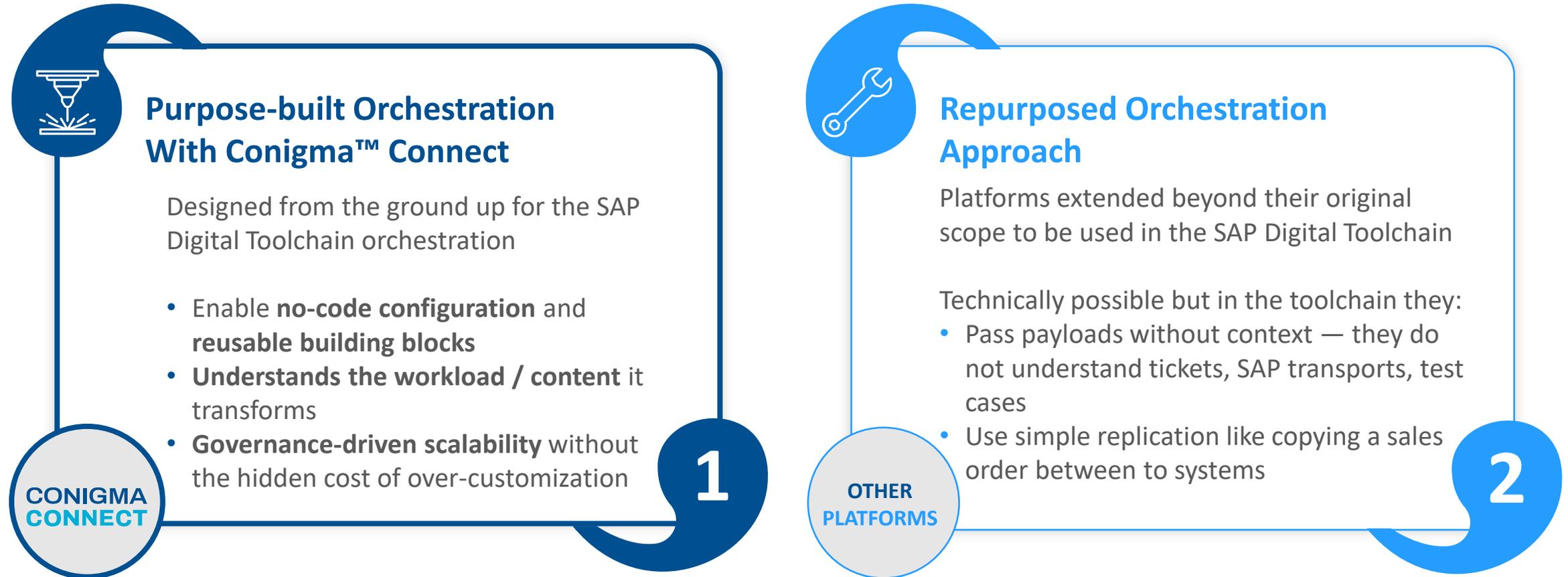
Vision: Data Integration Across Syniti and Tosca

Powerful Data Transformation. Instantly.



Purpose-Built Orchestration vs. Repurposed Platforms

Why Conigma™ Connect delivers faster, cheaper, and simpler scaling



Repurposed platforms essentially **just copy orders around (e.g. from SAP Sales Cloud)** — they don't understand *why* something happens, what it *means*, or how it *should* behave in a connected toolchain.

Follow Us

