



ALMにおけるSAP Test Automation by Tricentisの役割 & CALMシステム 連携による拡張性

Tricentis Japan 合同会社

Senior Solution Architect 内川 帝

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SAP社とTricentisのアライアンス

2020年よりQuality Lifecycle SolutionとしてSAP Solution Extensions (SolEx) に仲間入り



SAP[®] Solution Extensions



エンタープライズ向け
テストソリューションの
グローバルリーダーであること

- ◎ ガートナーによる評価で「リーダー」に選出
- ◎ 世界のリーディング企業での導入実績
- ◎ SAPシステムを最新に保つためのあらゆる段階で活用いただける汎用プラットフォーム

SAPシステムのテストとその先を見据えたエンタープライズグレードのプラットフォームであること

- ◎ 回復性と拡張性を備えたモデルベースの自動化
- ◎ ビジネスダウンタイムを最小限に抑えるリスクベースのアプローチ
- ◎ SAPシステムのテストと非SAPシステムのテストのシームレスな統合を実現

容易に導入可能なAI駆動の最新のテクノロジーであること

- ◎ 迅速かつ安全な変更のためのAI駆動の影響分析
- ◎ クラウドベースのアーキテクチャ
- ◎ ノーコードで容易に導入が可能なプラットフォーム



SAP SolExとして提供されているTricentis Solution群

SAP様が認定・推奨する唯一のQuality Lifecycleソリューション

  SAP® Solution Extensions	SAP Change Impact Analysis by Tricentis [CIA]	SAP Test Automation by Tricentis [STA] SAP Enterprise Continuous Testing by Tricentis [ECT]	SAP Enterprise Performance Testing by Tricentis [EPT]	SAP Enterprise Data Integrity Testing by Tricentis [EDIT]
	SAP change intelligence テストスコープ特定	Intelligent test automation テスト自動化	Enterprise performance 負荷テスト	End-to-end data testing データ整合性

機能	・リスクAI：最もリスクの高いオブジェクトを特定 ・リスクベースのテスト最適化 ・パッケージアプリの変更に伴うリスク評価とテスト計画	・AIを活用したコードレスな自動化 ・テストデータと環境のプロビジョニング ・UI、API及びデータレイヤー(SAPやサードパーティー製品)におけるエンドツーエンドの自動化	・あらゆる種類のデータ/データ・ジャーニーに対応する自動化されたエンド・ツー・エンドのテスト ・データ・ジャーニーの各段階でエラーを検出するよう調整されたテスト ・モデルベースのテスト自動化	・迅速なテスト設計および保守のためのノーコードアプローチ ・組み込みCIパイプライン統合 ・ワンクリックで機能テストからパフォーマンステストへ変換
効果	・Object比較でビジネスリスクをカバー ・テスト範囲を削減 ・システム欠陥を低減し、アップデートを実現	・リリースサイクルを加速、テストサイクルを短縮 ・テスト自動化を実現 ・リリースの信頼性を向上し、ビジネスリスクをカバー	・事前により多くのデータエラーを検知 ・大容量かつ高速でのテスト ・高品質の分析データと業務データを大規模に提供	・テスト設計および保守を高速化 ・迅速なリリースのペースを維持し、生産上の問題を削減

効果は既存状況及びご利用顧客様によって差がございます

Agenda

- SW開発における現状
- ALMとは
- SAP Cloud ALM x SAP Test Automation by Tricentis

SAP Test Automation by Tricentis

- Tenant作成
- SAP Cloud ALMにて要件の設定
- Cloud ALMにてTestcase作成
- STAにて詳細のTestcase作成
- Test case実行
- Dashboard and reports

ソフトウェアへの期待値は上がり続けている現状

ソフトウェア・アプリケーションの数は急激に増加

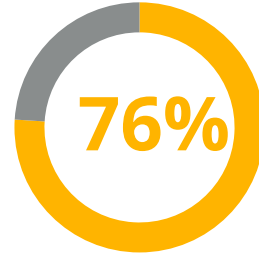
18%

2011年から2021年にかけてのWebアプリの年間平均成長率 (CAGR)

28%

2011年から2021年にかけてのモバイルアプリの年間平均成長率 (CAGR)

ソフトウェアデリバリーは、ビジネスに極めて重要



アプリ開発の速度と品質の向上が、主要なビジネス目標を達成するための鍵であるとするリーダーの割合

アプリケーションのリリースや変更は、ますます頻繁かつ複雑に

90%

今後3年間でアプリ開発の複雑さが増すと予想する顧客の割合

Complex and dynamic IT landscapes

IT製品の多様化による管理の煩雑性

Applications

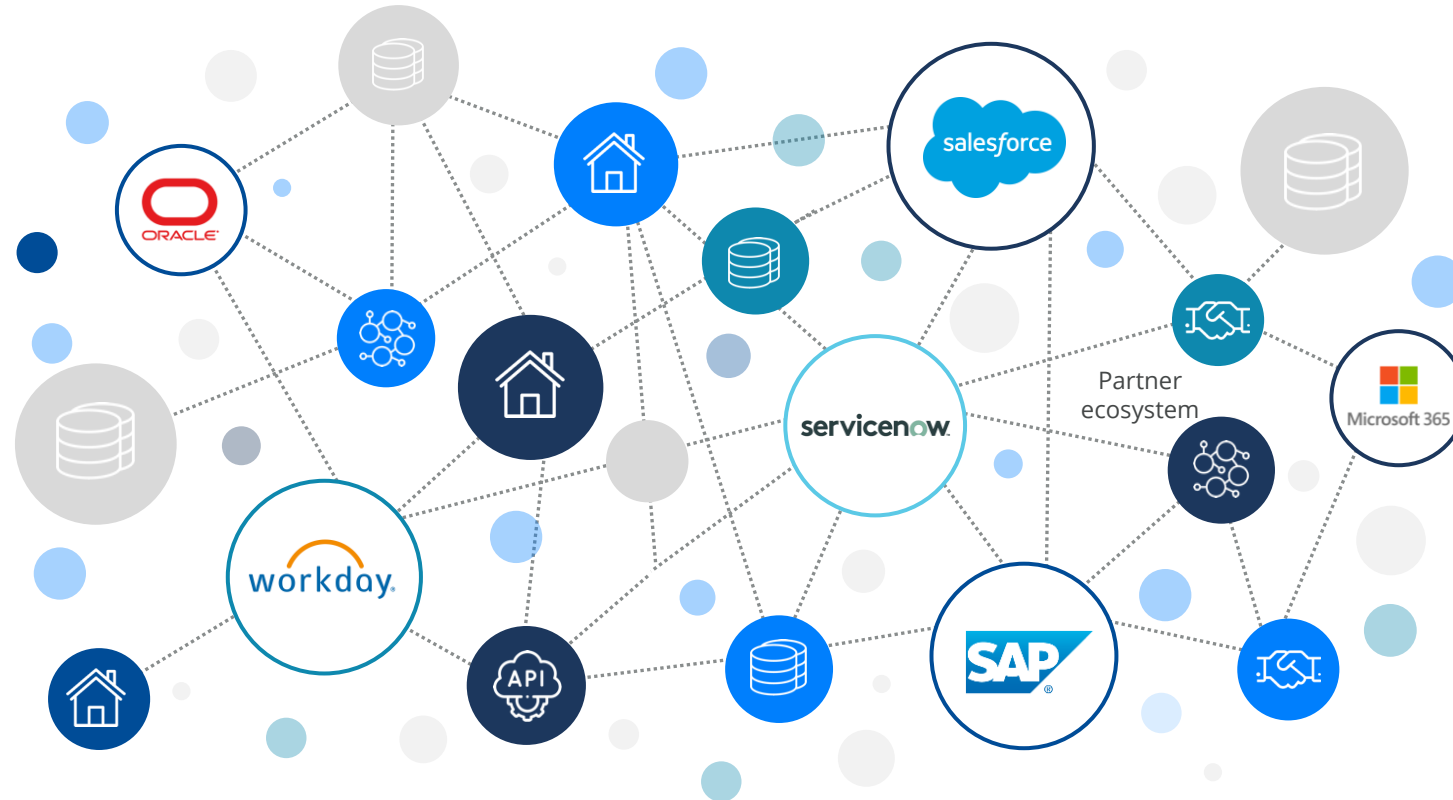
Development & modernization of commercial and homegrown apps

Infrastructure

Modernization - cloud migration & platform upgrades

Practices

CoE & DevOps



Data

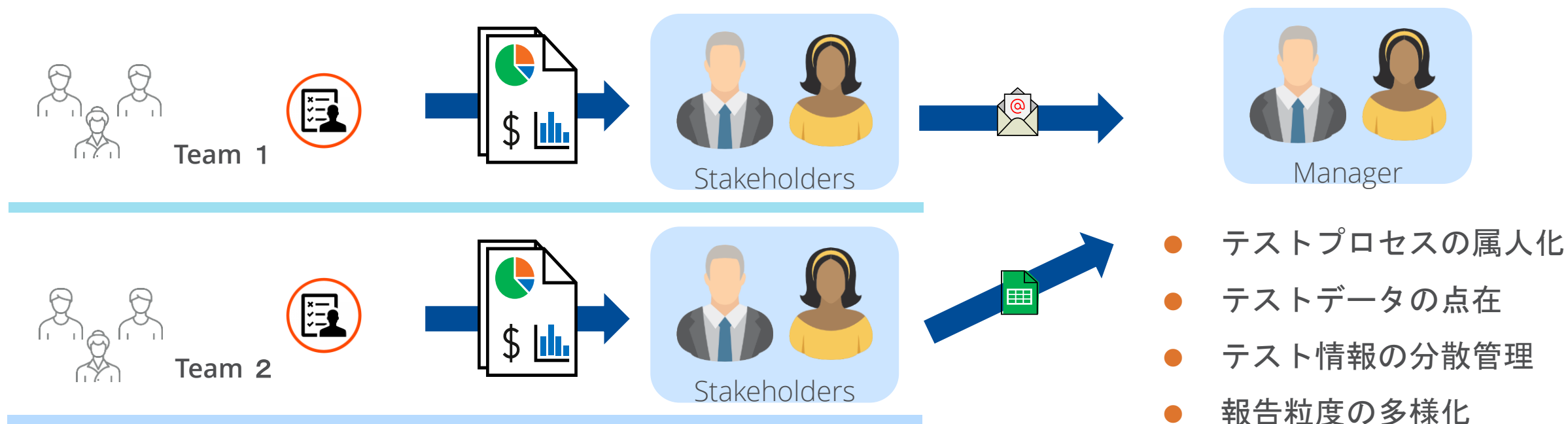
Complex data journeys with changing demands and models

Process

Business process optimization and expansion

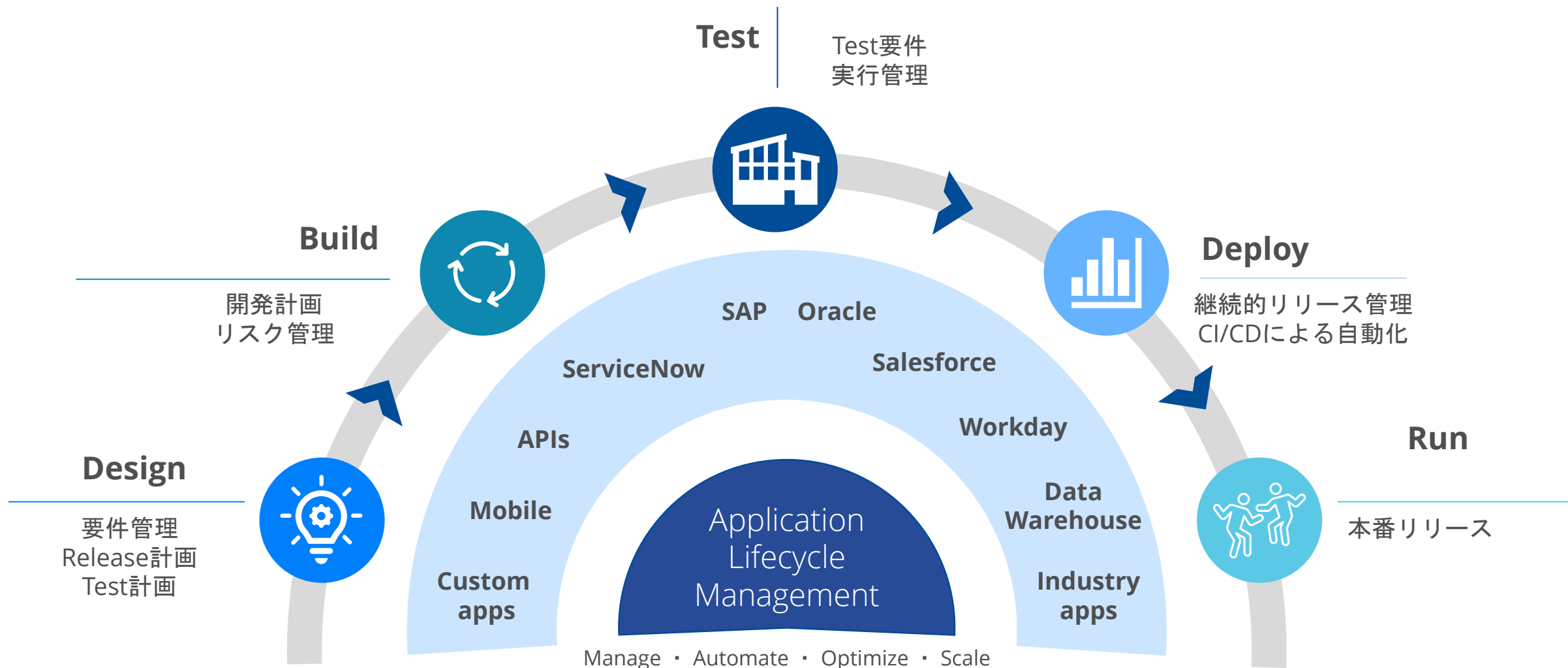
チーム間で開発が進み、テスト業務も属人的に

ビジネス環境が急速な改革に迫られ、Application/システムもそれに伴い迅速な対応が求められている現状
そんな中でIT部門は業務効率化のために開発を分業しているケースが多くあり、アサインされている有識者やPM
によって各Team色が強くなっています。



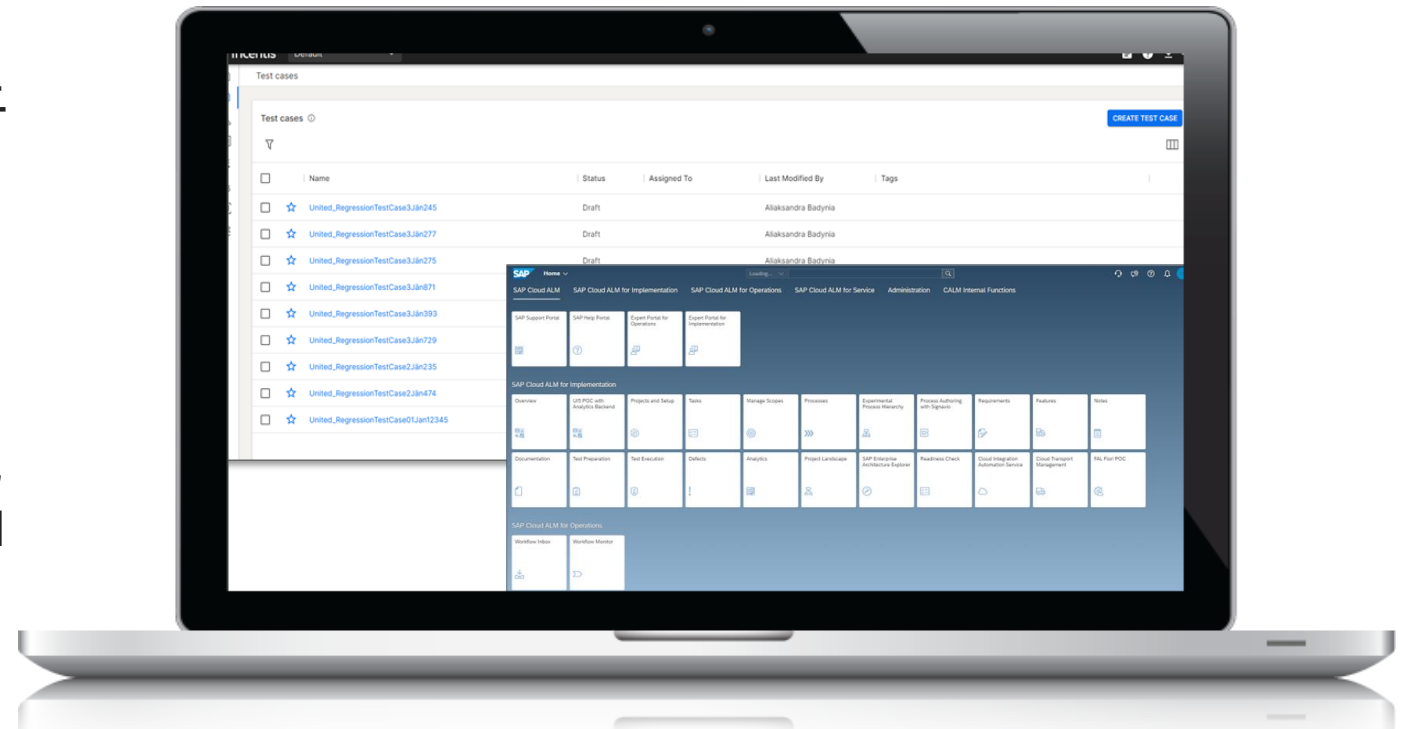
ALMでプロセス統一化

ALMのフローに則り「品質」と「DevOps」の要求スピードを考慮した管理を目指す



SAP Test Automation by Tricentis (STA)

- SAP Cloud ALMにシームレスに統合
ユーザーエクスペリエンスと生産性を向上
- 包括的なエンドツーエンドテスト
SAPおよびサードパーティのエンタープライズアプリをサポートする
- ビジネスユーザー向けのテスト自動化
コーディング不要でビジネスユーザーが自分で自動テストを記録できる



No-code, automated continuous testing

SAP Test Automation by Tricentis (STA)

STAは、SAPおよびサードパーティソリューションエコシステムのテストを自動化し、アプリケーション変更の迅速な提供しております。STAは、テストおよびアプリケーションライフサイクル管理のためのSAP提供の一部です。

SAPテストオートメーションは、SAPから2つのバージョンで提供:

SAP Cloud ALMと統合されたTricentis Test Automation (TTA for SAP Cloud ALM)

TTA for SAP Cloud ALMは、SAP Enterprise Supportを持つすべてのSAP顧客に無料で提供されます。SAP Cloud ALMと緊密に統合されており、数分以内にプロビジョニングできます。いくつかの使用制限があり、STAにアップグレードすることで解除できます。

TricentisによるSAPテストオートメーション (STA)

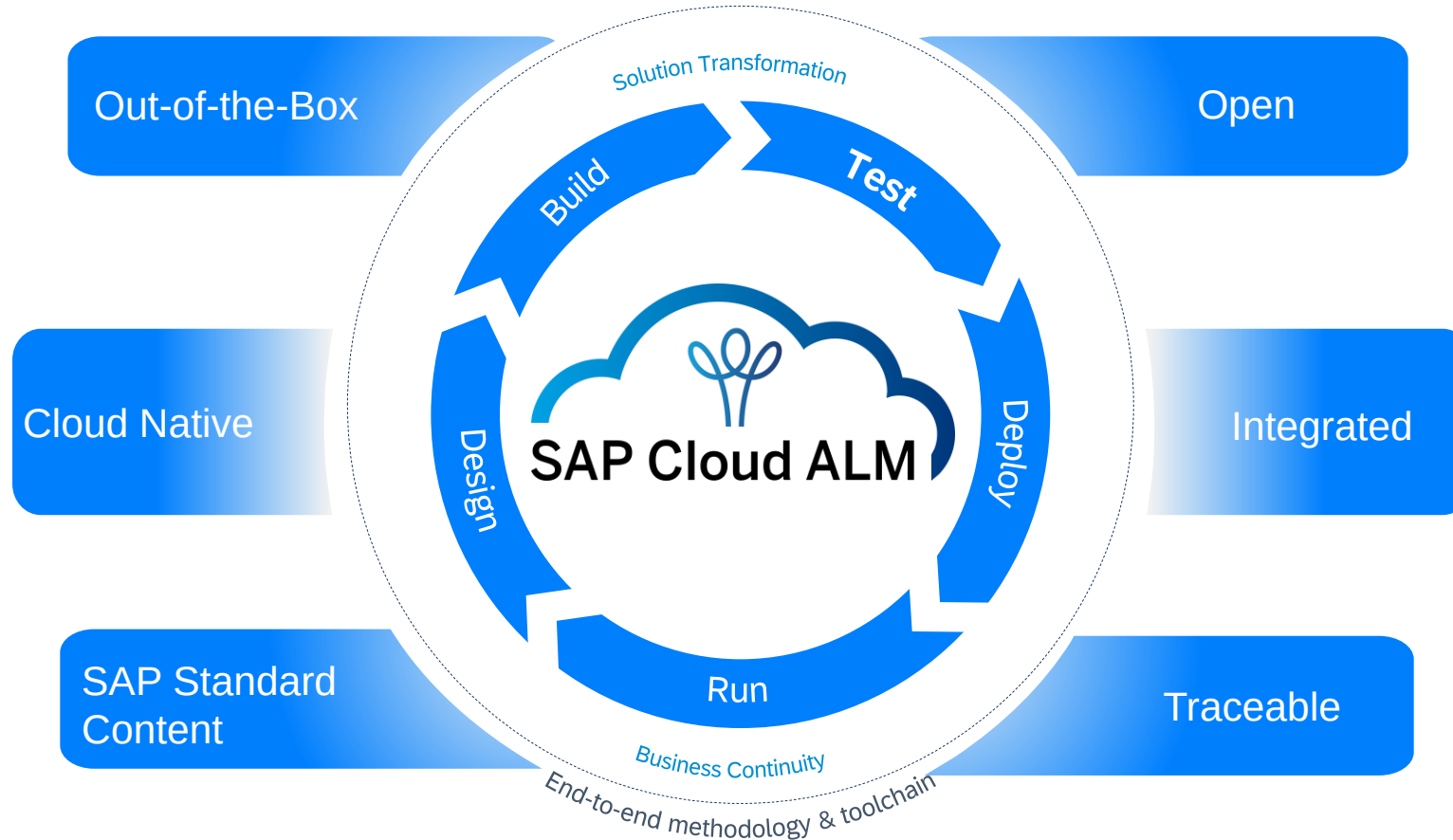
STAは、TTA for SAP Cloud ALMのアップグレードバージョンであり、SAPソリューションエクステンションとして購入可能です。両者の違いは次のページに記載されています。



SAP Cloud ALMシステム連携 SAP Test Automation by Tricentis (STA)

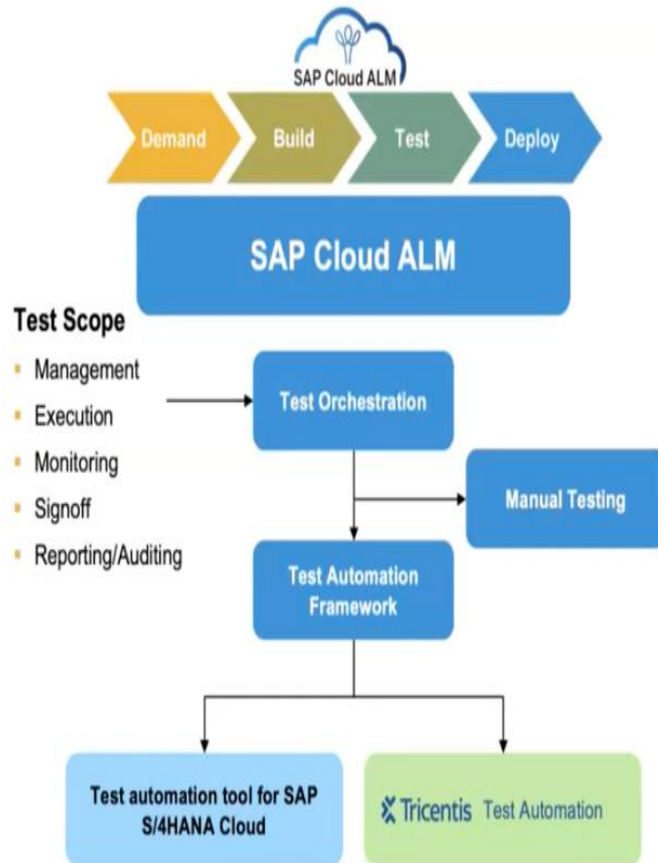
Out of the box test automation in the cloud

SAP Cloud ALM manages your solution



ALMは、すべての顧客向けにすべての関連するSAPソリューションをカバーするインテリジェントエンタープライズのための調和の取れた実装体験を提供します。

Integration with SAP Cloud ALM

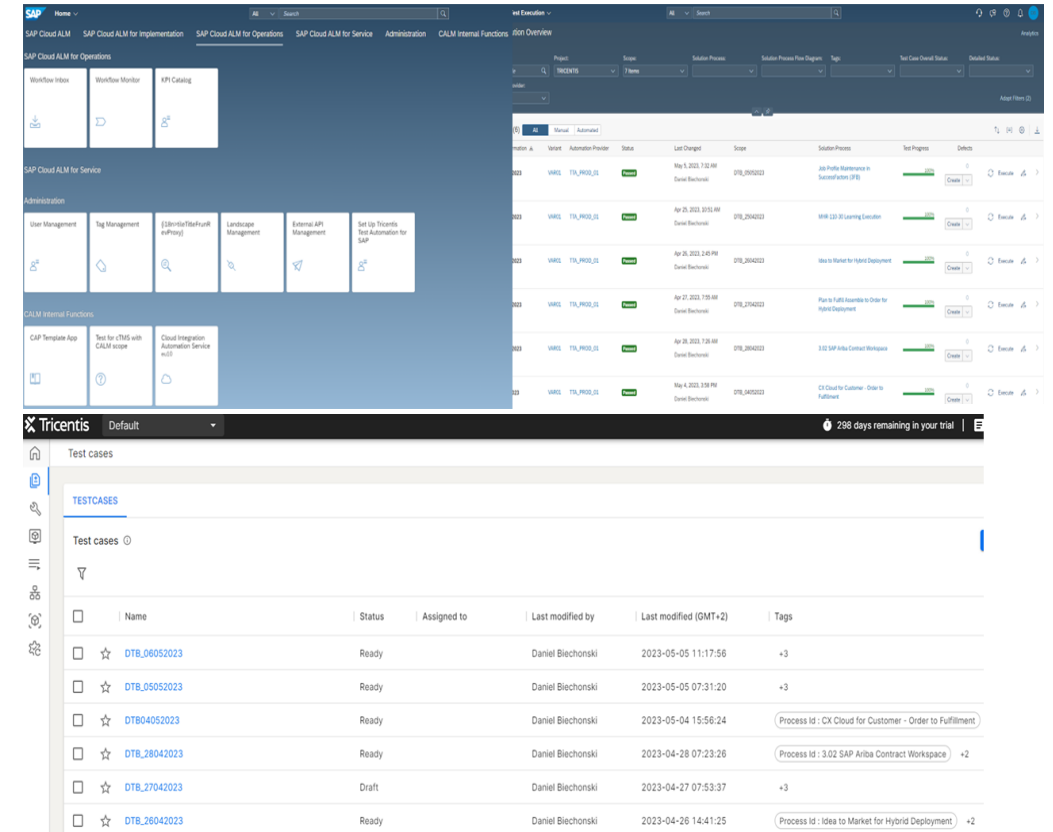


Automated provisioning

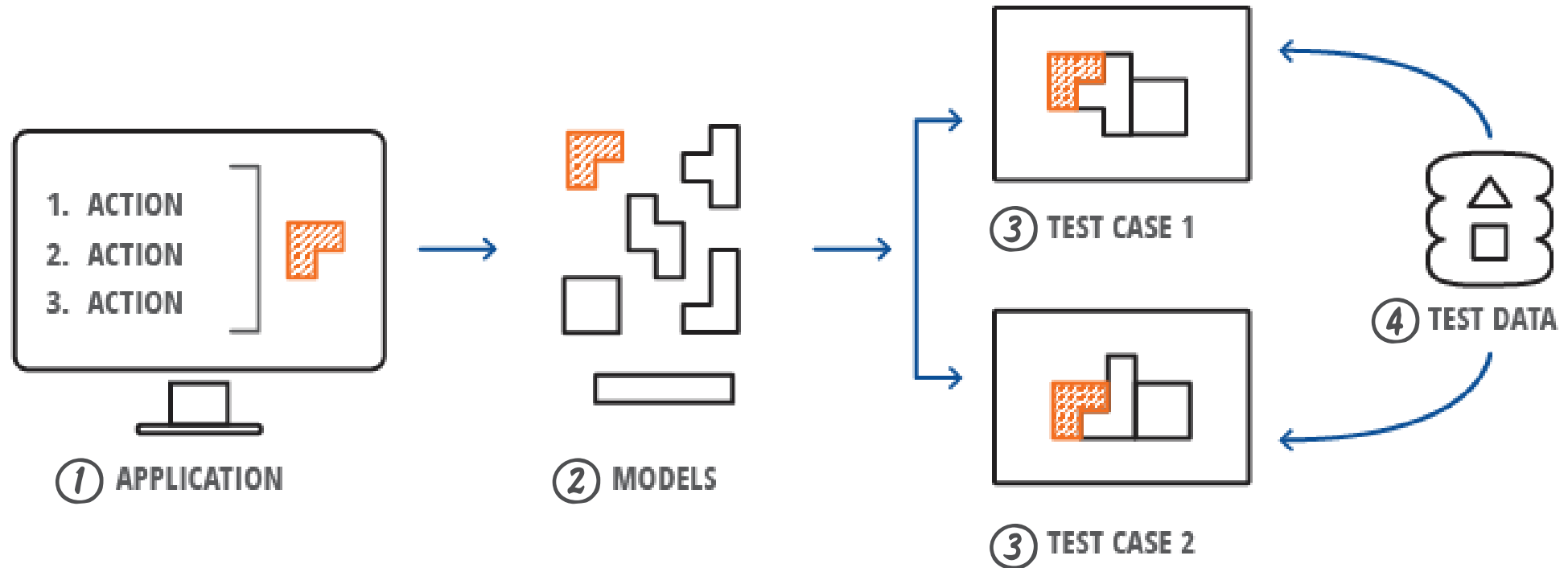
- テナント作成
- ユーザー作成
- SAP Cloud ALMのデータに基づくシングルサインオン設定

Functional integration

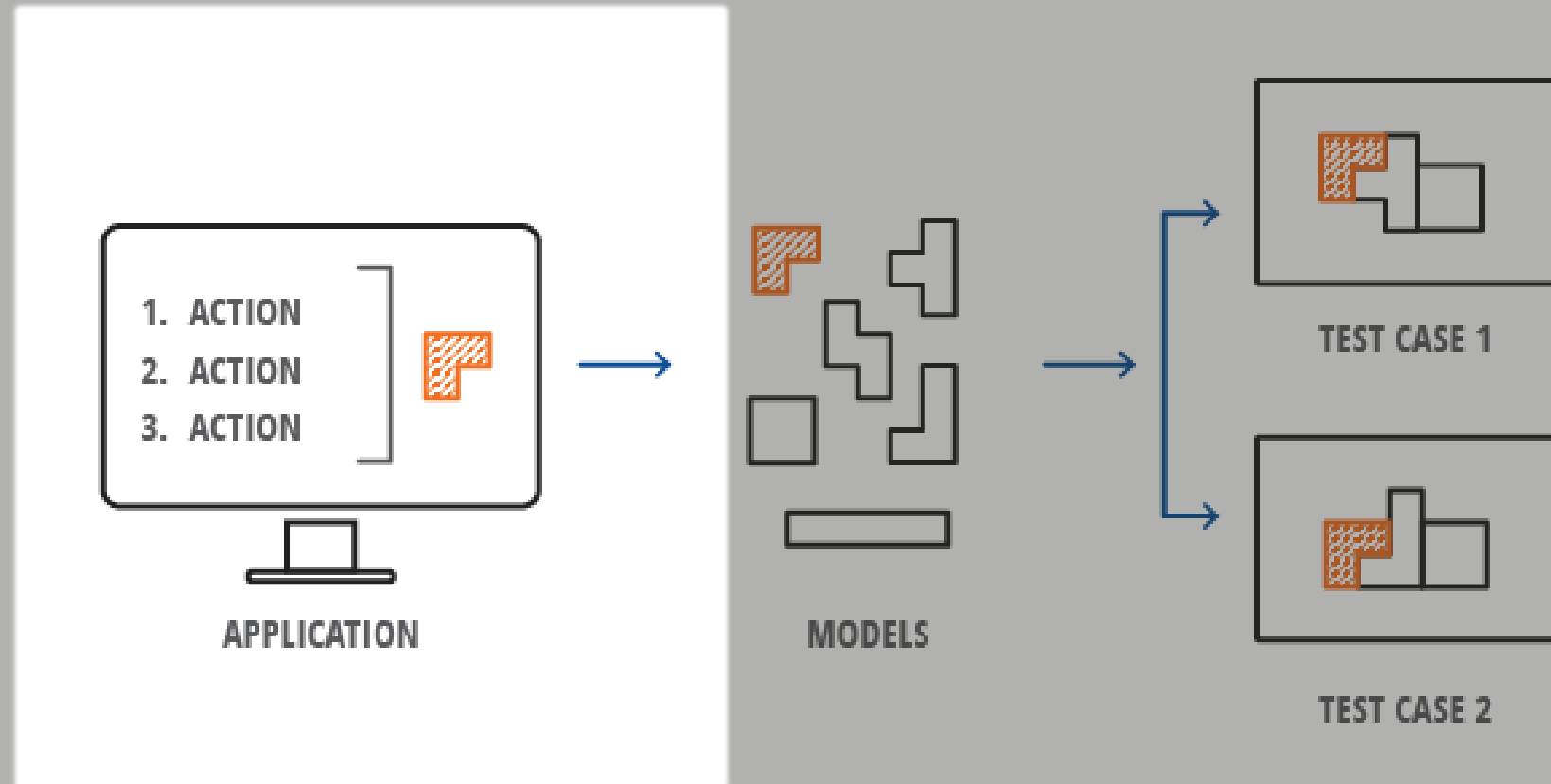
- Test case 統合
- Test case 実行
- 実行 status
- 実行履歴
- Test case 作成
- Test case 取り込み



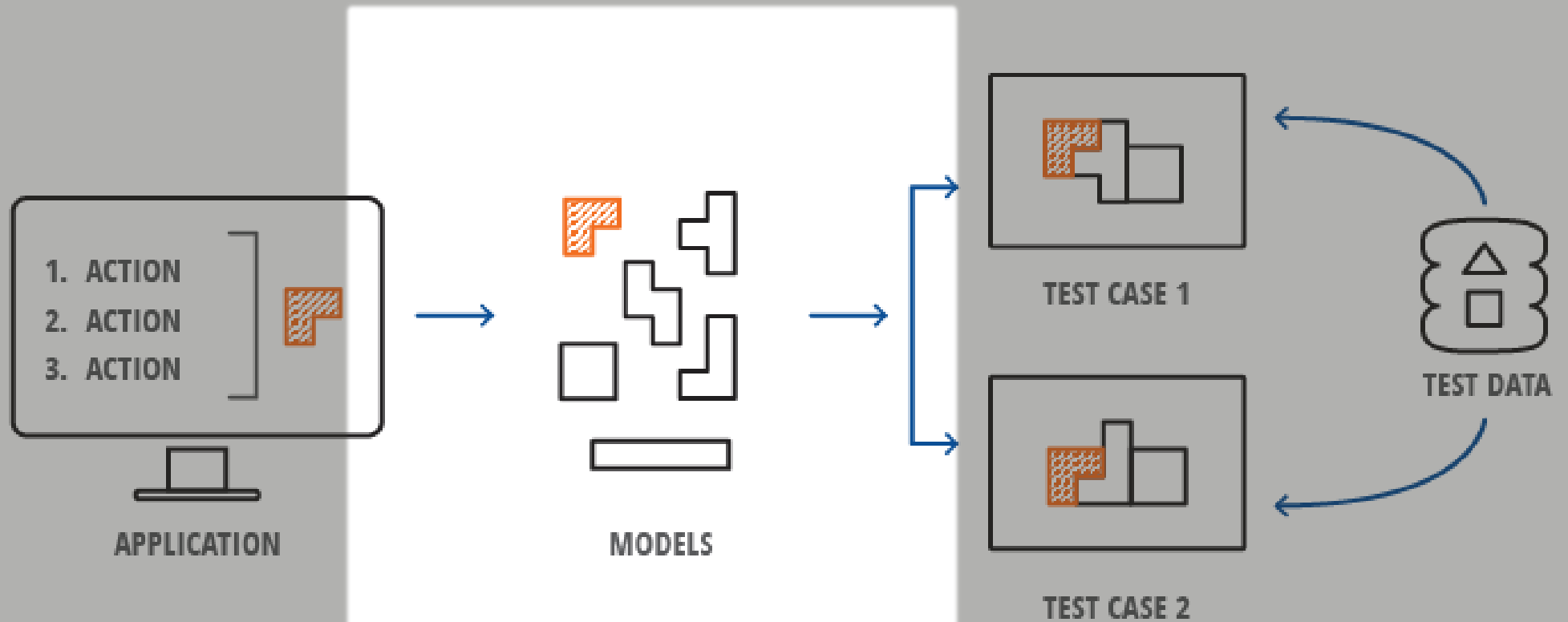
Codeless model-based testing



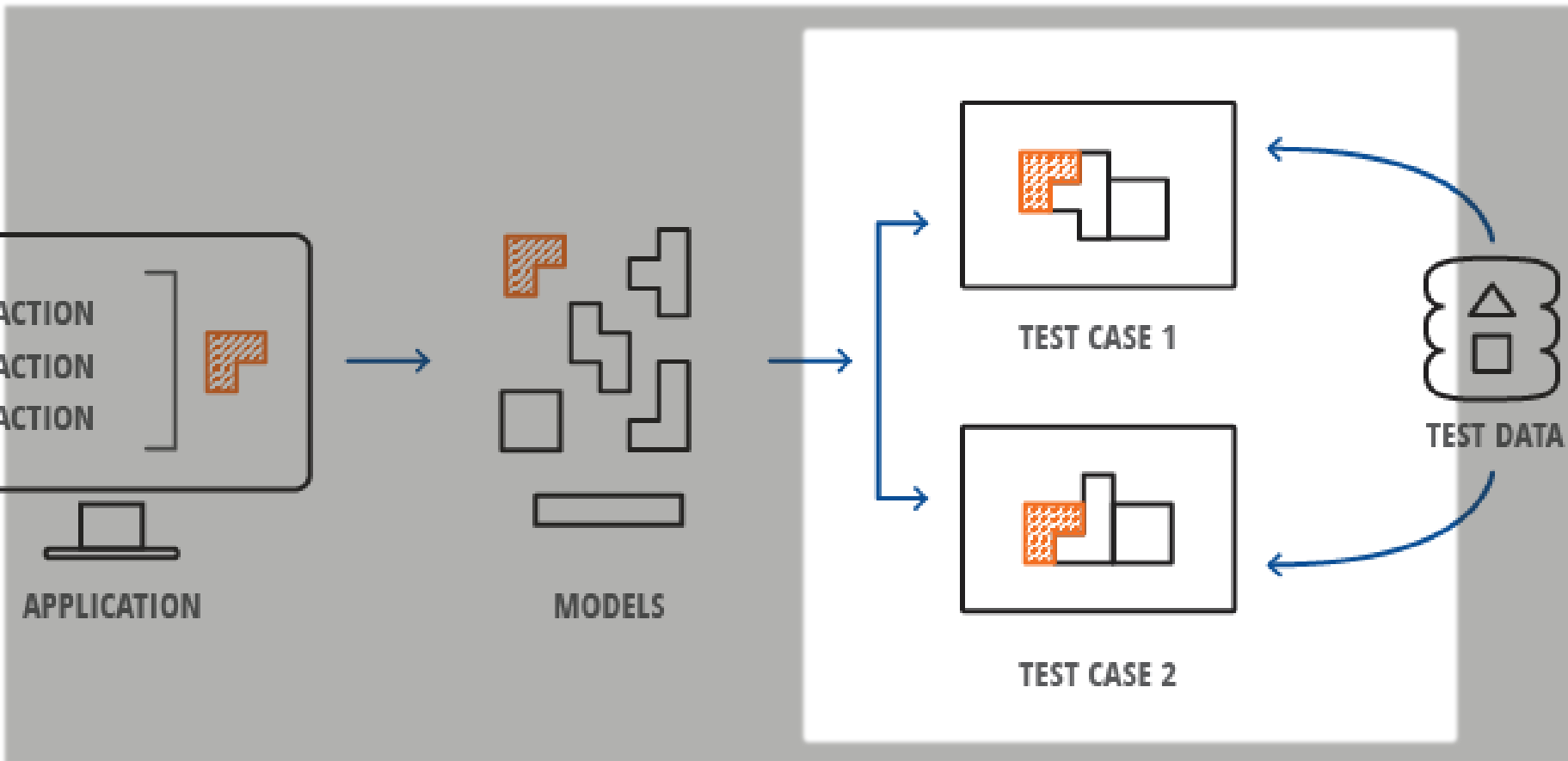
Scan your application



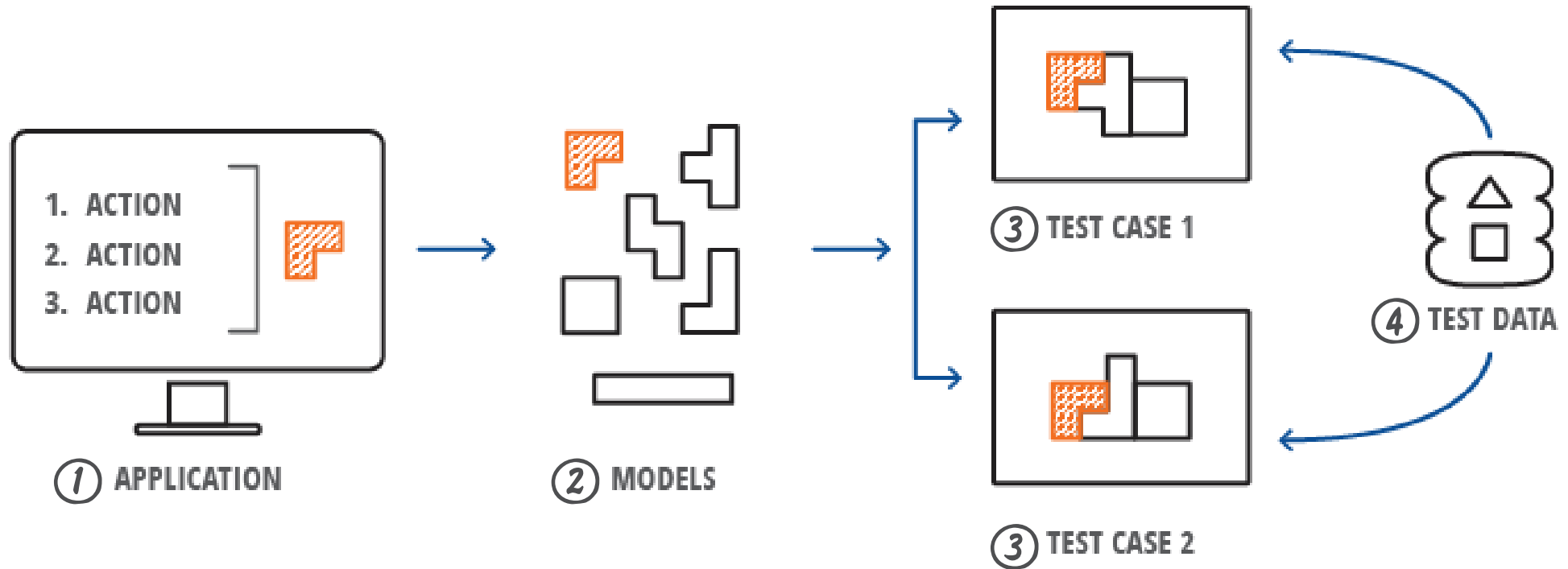
Compose your test cases from the models



Use your models in multiple test cases



Model-based testing



Codeless test authoring

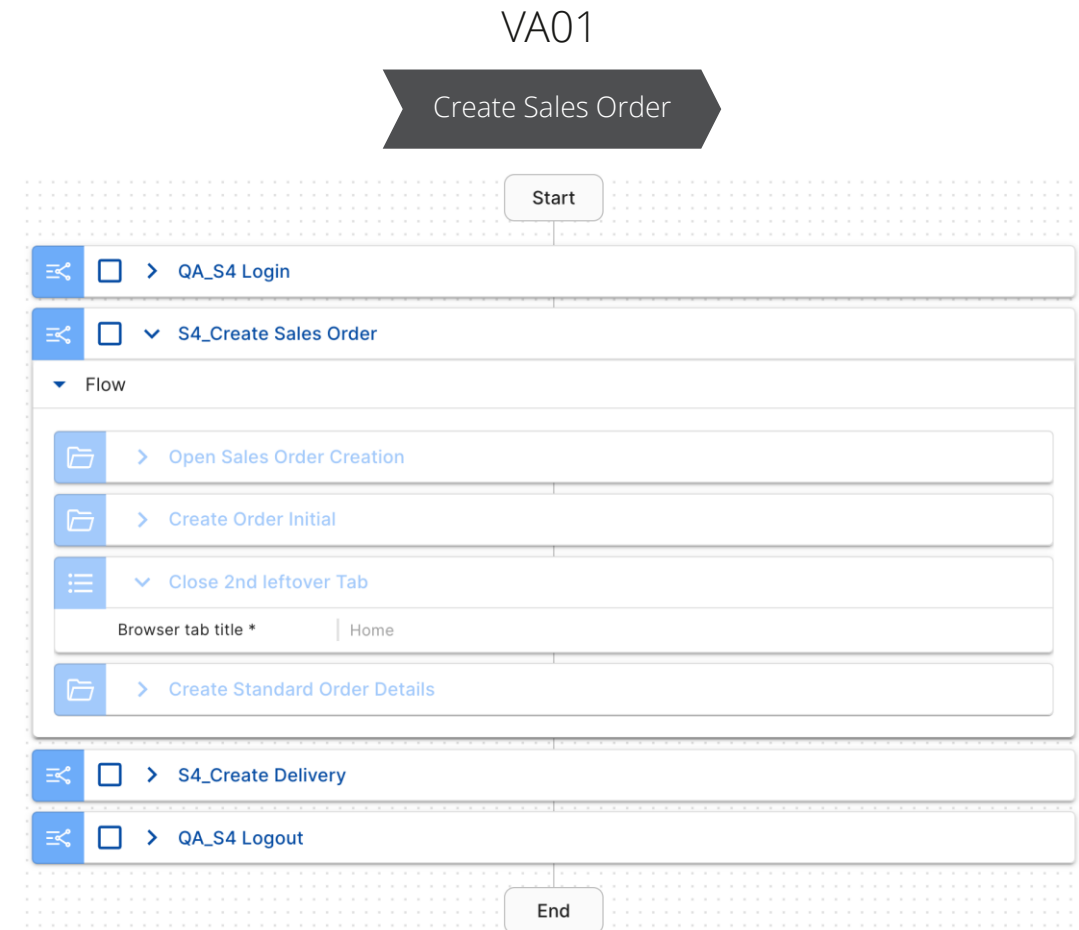
Eliminate maintenance burden

Script-based testing vs. model-based test automation

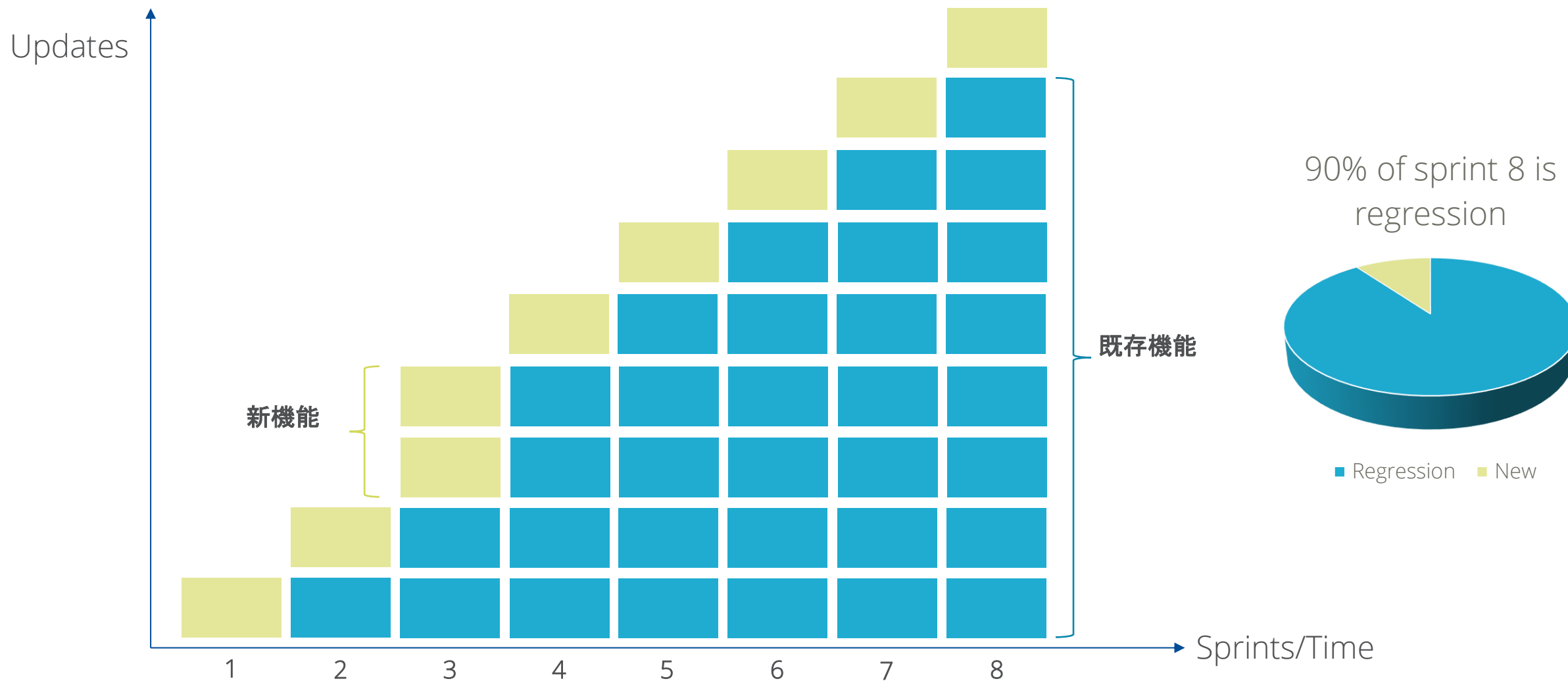
Script-Based Test Automation

```
Script3.vbs
1 If Not IsObject(application) Then
2   Set SapGuiAuto = GetObject("SAPGUI")
3   Set application = SapGuiAuto.GetScriptingEngine
4 End If
5 If Not IsObject(connection) Then
6   Set connection = application.Children(0)
7 End If
8 If Not IsObject(session) Then
9   Set session = connection.Children(0)
10 End If
11 If IsObject(WScript) Then
12   WScript.ConnectObject session, "on"
13   WScript.ConnectObject application, "on"
14 End If
15 session.findById("wnd[0]").maximize
16 session.findById("wnd[0]/tbar[0]/okcd").text = "/nVA01"
17 session.findById("wnd[0]/tbar[0]/btn[0]").press
18 session.findById("wnd[0]/usr/ctxtVBAK-AUART").text = "OR"
19 session.findById("wnd[0]/usr/ctxtVBAK-VKORG").text = "1000"
20 session.findById("wnd[0]/usr/ctxtVBAK-VIWE").text = "12"
21 session.findById("wnd[0]/usr/ctxtVBAK-SPART").text = "00"
22 session.findById("wnd[0]/usr/ctxtVBAK-SPART").setFocus
23 session.findById("wnd[0]/usr/ctxtVBAK-SPART").caretPosition = 2
24 session.findById("wnd[0]/tbar[0]/btn[0]").press
25 session.findById("wnd[0]/usr/subSUBSCREEN_HEADER:SAPMV45A:4021/su
26 session.findById("wnd[0]/usr/subSUBSCREEN_HEADER:SAPMV45A:4021/su
27 session.findById("wnd[0]/usr/subSUBSCREEN_HEADER:SAPMV45A:4021/su
28 session.findById("wnd[0]/usr/subSUBSCREEN_HEADER:SAPMV45A:4021/su
29 session.findById("wnd[0]/tbar[0]/btn[0]").press
30 session.findById("wnd[0]/usr/tabsTAXI_TABSTRIP_OVERVIEW/tabpT01/
31 session.findById("wnd[0]/usr/tabsTAXI_TABSTRIP_OVERVIEW/tabpT01/
32 session.findById("wnd[0]/usr/tabsTAXI_TABSTRIP_OVERVIEW/tabpT01/
33 session.findById("wnd[0]/usr/tabsTAXI_TABSTRIP_OVERVIEW/tabpT01/
34 session.findById("wnd[0]/usr/tabsTAXI_TABSTRIP_OVERVIEW/tabpT01/
```

Model-Based Test Automation



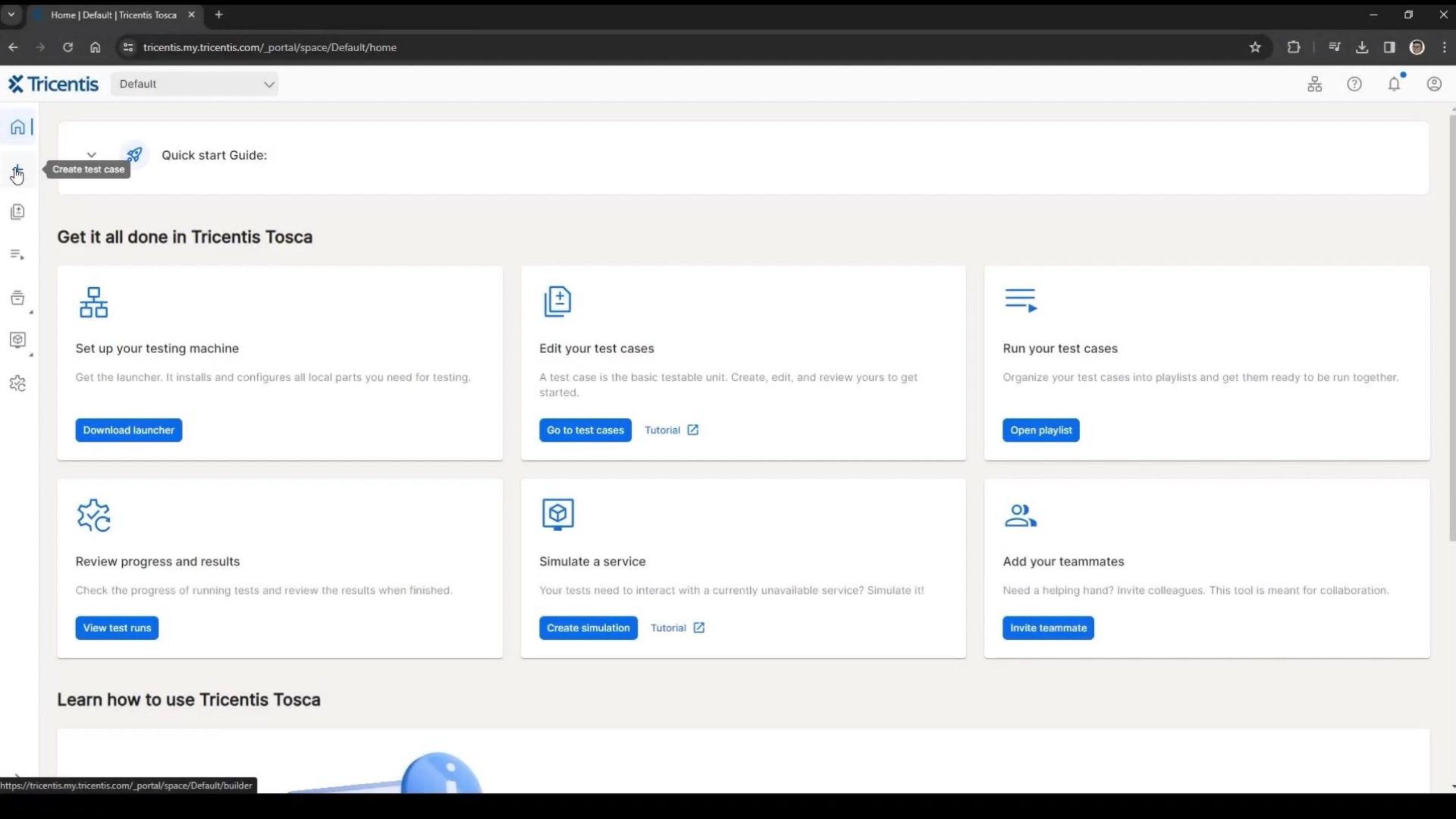
Regressionはゼロからではなく、新機能テストに時間を



Concept Demo

SAP Test Automation by Tricentis

1. Test Case作成DEMO
2. ALM Tenant作成
3. SAP Cloud ALMにて要件の設定
4. Cloud ALMにてTestcase作成
5. STAにて詳細のTestcase作成
6. Test case実行
7. Dashboard and reports



Quick start Guide:

Get it all done in Tricentis Tosca



Set up your testing machine

Get the launcher. It installs and configures all local parts you need for testing.

[Download launcher](#)



Edit your test cases

A test case is the basic testable unit. Create, edit, and review yours to get started.

[Go to test cases](#) [Tutorial](#)



Run your test cases

Organize your test cases into playlists and get them ready to be run together.

[Open playlist](#)



Review progress and results

Check the progress of running tests and review the results when finished.

[View test runs](#)



Simulate a service

Your tests need to interact with a currently unavailable service? Simulate it!

[Create simulation](#) [Tutorial](#)



Add your teammates

Need a helping hand? Invite colleagues. This tool is meant for collaboration.

[Invite teammate](#)

Learn how to use Tricentis Tosca



Let's get started

Hi Daniel!

Before setting up Tricentis Test Automation for SAP integrated with SAP Cloud ALM, you must accept the [General Terms and Conditions](#).

☐ I accept

Save

Set Up Tricentis Test Automatio

OrderDocumentTricentisCloud

tricentis-gmbh-cloudalm.eu10.alm.cloud.sap/launchpad#tatprovider-provisioning?sap-ui-app-id-hint=com.sap.calm.imp.tm.tatprovisioning

SAP

Set Up Tricentis Test Automation for SAP

All Search

DB



Nicely done!

Hi Daniel,

The terms and conditions have been accepted. You can now proceed with the setup.

Set Up Tricentis Test Automation for SAP integrated with SAP Cloud ALM



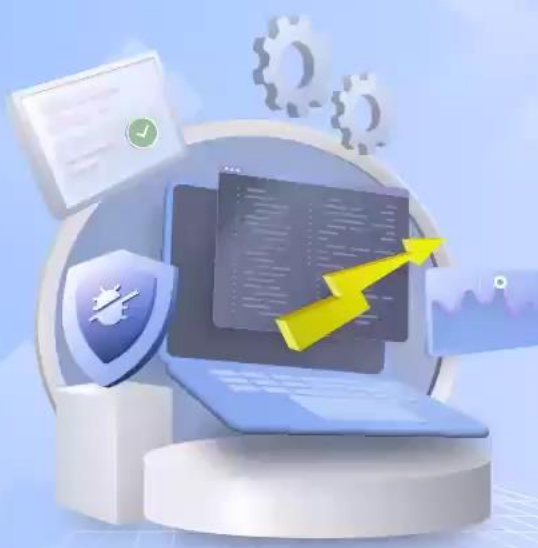
Congratulations!

Hi Daniel,

Your Tricentis Test Automation for SAP integrated with SAP Cloud ALM tenant has been configured and linked to your SAP Cloud ALM tenant. It can be accessed directly in [Tricentis Test Automation for SAP integrated with SAP Cloud ALM](#).



SKIP AHEAD ➡



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Quick start. Easy maintenance. Smart reuse.
The ultimate toolkit for testing pros and novices alike.

[Go to test cases](#)



Get it all done in Tricentis Test Automation

- 

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- 

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Requirements

https://tricentis-gmbh-cloudalm.eu10.alm.cloud.sap/launchpad#ptmRequirement-management?sap-ui-app-id-hint=com.sap.calm.imp.ptm.requirements.ui&/taskList

SAP

Requirements

Open Requirements

Analytics

vienna

Project: Demo Project

Scope:

Priority:

Approval:

Requirement Status: Blocked x 4 More

Team:

Workstream:

Responsible:

Solution Process:

Adapt Filters (6)

Items (1)

Create

Mass Edit

Delete

Sort

Filter

Grid

Print

Title	Approval	Requirement Status	Priority	Team	Responsible
Sales Order Creation in Delivery Centre other 3-608 Solution Process: Workstream: In Refinement =					

Open Requirements * ▼

Analytics 

Project:
vienna ✕ 🔍 Demo Project ▼

Scope: ▼ Priority: ▼

Approval: ▼ Requirement Status: Blocked x 4 More ▼

Team: ▼ Workstream: ▼

Responsible: ▼ Solution Process: ▼

Adapt Filters (6)

Items (2) Create ▼ Mass Edit Delete ↕ ≡ ⚙️ ⋮

☐ Title

☐  Sales Order Creation in Delivery Centre other 3-608 ➤

Approval: ▼

Requirement Status: In Refinement ▼

Priority: ⚖️ ▼

Solution Process:

Team: ▼

Responsible: ▼

Sales Order Creation in Delivery Centre Vienna

Requirement

Responsible: —
Timebox: Prepare
Planned Completion: Feb 28, 2024

Approval
Requirement Status
Priority

In Refinement
Medium

Test Cases

Description

User Stories (0)

Project Tasks (0)

Features (0)

Test Cases (0)

Process Hierarchy (0)

Documents (0)

References (0)

Enhance SAP sales tables to allow the sales registration process of Vienna's newly created delivery centre.

User Stories (0)

Title	Status	Relation
No user stories assigned		

Project Tasks (0)

Title	Status	Relation
No project tasks assigned		

Features (0)

Analytics Adapt Filters (6)

Create ▾

Mass Edit

Delete

↓↑

...

☐ Title

  Sales Order Creation in Delivery Centre other
3-608

Approval: 

Requirement Status: **In Refinement**

Priority:

Solution Process:

Team: Responsible: 

Edit Create

 Requirement

Responsible: – 

Approval

Requirement Status

Priority

Timebox: Prepare Planned Completion: Feb 28, 2024

Description

User Stories (1)

Project Tasks (0)

Features (0)

Test Cases (0)

Process Hierarchy (0)

Documents (0)

References (0)

>

Enhance SAP sales tables to allow the sales registration process of Vienna's newly created delivery centre.

User Stories (1)

Title	Status	Relation
Sales Order Registration Vienna	Open	Child

Project Tasks (0)

Title	Status	Relation
No project tasks assigned		

Features (0)

Test Case: Order Registration Vienna

Automated Test Case

Solution Process: – **Status**

In Preparation

General Information

Requirements (0)

User Stories (0)

Context

Test Case:

Order Registration Vienna

Variant:

VAR01

Project:

Demo Project

Scope:

Scope Iteration 1

Solution Scenario:

Country/Region:

Solution Process:

Status and Planning

Status:

In Preparation

Object

Type:

Automated

Automation Provider:

SAP Test Automation

Automation Provider Description:

SAP Test Automation

Created:

Apr 23, 2024, 4:55:46 PM · Thomas Abinger

Last Changed:

Apr 23, 2024, 4:55:46 PM · Thomas Abinger

Last Changed in Automation Provider:

Apr 23, 2024, 4:55:46 PM · External User

Tags: 

Automated test case created

Save Cancel

Test Case: Order Registration Vienna

Automated Test Case

Solution Process: –

Status

In Preparation 

General Information

Requirements (1)

User Stories (0)

Remove

Test Execution

Assign

Unassign

Title

Status

Scope

Sales Order Creation in Delivery Centre Vienna

In Refinement

Save

Cancel

Test Case: Order Registration Vienna

 Automated Test Case

Solution Process: –

Status

In Preparation

General Information

Requirements (1)

User Stories (1)

Remove

Test Execution

Title

Status

Scope

Sales Order Registration Vienna

Open

Assign Unassign

Unassign

Changes saved

Cancel

Test Preparation

Builder | Default | Tricentis Test A

https://tricentis-gmbh-cloudalm.my-sap.tricentis.com/_portal/space/Default/builder/DixIzlaTWUG2muMoJcKhLg

Tricentis

Default

+

Search

Q

> Modules

+

> Reusable test steps

+

> Standard test steps

> SAP standard modules

> Logic elements

Order Registration Vienna

View last run

Save

Run

Test steps

Parameters

Start

Drag and drop from left pane or [scan application](#)

End

Tricentis

Default

Builder

Search

Modules

Reusable test steps

QA_S4 Login

QA_S4 Login - Demo

QA_S4 Logout

S4_Create Delivery

S4_Create Sales Order

Standard test steps

SAP standard modules

Logic elements

Order Registration Vienna

Test steps

Parameters

View last run

Save

Run

Show active only

Select all

Start

QA_S4 Login

S4_Create Sales Order

S4_Create Delivery

QA_S4 Logout

End

Tricentis

Default

Builder

Search

Modules

Reusable test steps

QA_S4 Login

QA_S4 Login - Demo

QA_S4 Logout

S4_Create Delivery

S4_Create Sales Order

Standard test steps

SAP standard modules

Logic elements

Order Registration Vienna

Test stepsParameters

View last runSaveRun

Show active onlySelect all

Start

QA_S4 Login

S4_Create Sales Order

S4_Create Delivery

QA_S4 Logout

End

Test case updated

Standard*

Analytics

vienna

×

Q

Project:

Demo Project

Scope:

Solution Process:

Solution Process Flow Diagram:

Tags:

Test Case Overall Status:

Detailed Status:

Automation Provider:

Test Plan:

Tester:

Adapt Filters (2)

Test Cases (1)

All

Manual

Automated

Test Case Information

Variant

Automation
Provider

Status

Last Changed

Scope

Tester

Solution Process

Test Progress

Defects

Test Plan: (None)

 **Order Registration**
Vienna

VAR01

SAP_Test_Automation

Initial

Scope Iteration 1

Test Plan: (None)

Tags:

0%

Create | \

Execute

Test Execution

https://tricentis-gmbh-cloudalm.eu10.alm.cloud.sap/launchpad#test-displayTestRunList?sap-app-origin-hint=&sap-calm-app-timestamp=1713884259720

SAP

Test Execution

Standard

Analytics

vienna

Project: Demo Project

Scope:

Solution Process:

Solution Process Flow Diagram:

Tags:

Test Case Overall Status:

Detailed Status:

Automation Provider:

Test Plan:

Tester:

Adapt Filters (2)

Test Cases (1)

AllManualAutomated

↑↓[=]⚙️↓

Test Case Information	Variant	Automation Provider	Status	Last Changed	Scope	Tester	Solution Process	Test Progress	Defects
Test Plan: (None)									
Order Registration Vienna	VAR01	SAP_Test_Automation	Failed	Apr 23, 2024, 4:58 PM Thomas Abinger	Scope Iteration 1			100% 0	Create Execute
Test Plan: (None)									
Tags:									

Test Execution

Runs | Default | Tricentis Test Aut

https://tricentis-gmbh-cloudalm.my-sap.tricentis.com/_portal/space/Default/runs/fcc6bbfb-fcf6-4c5d-ae06-644a95abe286/results/b6551478-47ec-402e-a296-998fe809b0d8

Tricentis

Default

Test runs / Order Registration Vienna / Results

← Order Registration Vienna ✖ Failed

🔍

🏠

Status is Failed

Name

✖ e0983be2-3a6d-42f5-8217-a66fb88c29bb (1)

✖ Order Registration Vienna

Order Registration Vienna ✖

LOGS

RECORDING

ATTACHMENTS

🔍

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🔊

Runner	TBox	Agent	THABIs	shared	Duration	55s
1	2024-04-23 14:57:54Z	[INF]	[Recording]	Screen recorder: Recording		
2	2024-04-23 14:57:55Z	[INF]	[TBox]	Starting TestCase "Order Registration Vienna" [START TIME: 2024-04-23 16:57:55 GMT+02:00]		
3	2024-04-23 14:57:55Z	[INF]	[TBox]	"Delete all buffers" [Succeeded] [DURATION: 00:00:00.0973950]		
4	2024-04-23 14:57:55Z	[INF]	[TBox]	Successfully deleted all Buffers!		
5	2024-04-23 14:57:55Z	[INF]	[TBox]	"Set variable Browser" [Succeeded] [DURATION: 00:00:00.0372603]		
6	2024-04-23 14:57:55Z	[INF]	[TBox]	Buffer with name: "Browser" has been set to value: "Chrome"		
7	2024-04-23 14:57:55Z	[INF]	[TBox]	"Set variable SynchronizationTimeoutDuringWaitOn" [Succeeded] [DURATION: 00:00:00.0034091]		
8	2024-04-23 14:57:55Z	[INF]	[TBox]	Buffer with name: "SynchronizationTimeoutDuringWaitOn" has been set to value: "20000"		
9	2024-04-23 14:57:55Z	[INF]	[TBox]	"Set variable SynchronizationTimeout" [Succeeded] [DURATION: 00:00:00.0184261]		
10	2024-04-23 14:57:55Z	[INF]	[TBox]	Buffer with name: "SynchronizationTimeout" has been set to value: "10000"		
11	2024-04-23 14:57:55Z	[INF]	[TBox]	"Start S4" [Succeeded] [DURATION: 00:00:00.1598893]		
12	2024-04-23 14:57:58Z	[INF]	[TBox]	"Window: Wait until open" [Succeeded] [DURATION: 00:00:02.2340327]		
13	2024-04-23 14:57:58Z	[INF]	[TBox]	Operation 'Wait On Open' has been performed successfully on window with caption 'Logon*'.		
14	2024-04-23 14:57:59Z	[INF]	[TBox]	"Wait" [Succeeded] [DURATION: 00:00:01.5095118]		
15	2024-04-23 14:57:59Z	[INF]	[TBox]	Waited for 1500ms.		
16	2024-04-23 14:57:59Z	[INF]	[TBox]	"Window: Bring to front" [Succeeded] [DURATION: 00:00:00.0045083]		
17	2024-04-23 14:57:59Z	[INF]	[TBox]	Operation 'Bring To Front' has been performed successfully on window with caption 'Logon*'.		
18	2024-04-23 14:58:01Z	[INF]	[TBox]	"Logon" [Succeeded] [DURATION: 00:00:02.3077491]		
19	2024-04-23 14:58:01Z	[INF]	[TBox]	WaitOn was successful.		
20	2024-04-23 14:58:01Z	[INF]	[TBox]	Expected value == "True"		
21	2024-04-23 14:58:01Z	[INF]	[TBox]	Actual value: "True"		
22	2024-04-23 14:58:02Z	[INF]	[TBox]	"Wait" [Succeeded] [DURATION: 00:00:01.0138804]		
23	2024-04-23 14:58:02Z	[INF]	[TBox]	Waited for 1000ms.		
24	2024-04-23 14:58:14Z	[INF]	[TBox]	"Home" [Succeeded] [DURATION: 00:00:11.3292064]		
25	2024-04-23 14:58:16Z	[INF]	[TBox]	"Create Sales Documents_Matthias" [Succeeded] [DURATION: 00:00:02.4861717]		
26	2024-04-23 14:58:16Z	[INF]	[TBox]	WaitOn was successful.		
27	2024-04-23 14:58:16Z	[INF]	[TBox]	Expected value == "True"		

Test Execution

https://tricentis-gmbh-cloudalm.eu10.alm.cloud.sap/launchpad#test-displayTestRunList?sap-app-origin-hint=&sap-calm-app-timestamp=1713884259720&/mid/22d00b00-88ce-47...

<SAP

Test Execution

Standard

Analytics

vienna

x

Q

Tags:

Project:

Demo Project

Test Case Overall Status:

Scope:

Detailed Status:

Solution Process:

Automation Provider:

Solution Process Flow Diagram:

Test Plan:

Tester:

Adapt Filters (2)

Test Cases (1)

AllManualAutomated

↓↑

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Test Case Information

Automation Provider

Status

Scope

Tester

Solution Process

Test Progress

Defects

Test Plan: (None)

Order Registration Vienna

SAP_Test_Automation

Failed

Scope Iteration 1

100%

0

Create

Execute

Variant: VAR01

Last Changed: Apr 23, 2024, 4:58 PM

Thomas Abinger

Test Plan: (None)

Tags:

Executed Test Runs

Test Case: Order Registration Vienna

Thomas Abinger

Today at 4:58 PM

100%

Failed. Check results in the Automation Test Tool.

Open Execution Log

Defects

https://tricentis-gmbh-cloudalm.eu10.alm.cloud.sap/launchpad#ptmDefect-management?fCtx=%25257B%252522initialTestRunId%252522%25253A%252522870da477-4c36-4a3f-a...

SAP

Defects

Open Defects

Analytics

Filtered By (5): Project, Defect Status, Type, State, Template

Items (9)

Create

Mass Edit

Delete

↕

≡

⚙

⋮

Title

Test Case: Test Case for User Story 1 - Requirement 02201634

3-51

Defect Status: Retest Required

Priority:

Planned Completion Date:

Planned Completion Date/Time:

Team:

Responsible: Thomas Abinger

Order Registration Vienna

3-612

Defect Status: New

Priority:

Planned Completion Date:

Planned Completion Date/Time:

Team:

Responsible:

Order Registration Vienna

Defect

Responsible: -

Defect Status: New

Priority: Medium

Planned Completion: -

^

✳

Description

Sub-tasks (0)

Test Cases (1)

Process Hierarchy (0)

Documents (0)

References (0)

Additional Information

The wrong distribution channel **A1** is being used for Vienna, it should be corrected.

Sub-tasks (0)

Title	Status	Planned Completion	Team	Responsible	Relation
No sub-tasks created					

Test Cases (1)

Title	Variant	Initial Execution	Execution Status
Order Registration Vienna	VAR01	Test Execution	Failed

Process Hierarchy (0)

Windows Taskbar

Standard*

Import

vienna

X

Q

Automation Provider:

Project:

Demo Project

Scope:

Solution Process:

Solution Process Flow Diagram:

Tags:

Status:

Test Plan:

Adapt Filters (3)

Adapt Filters (3)

Test Cases (1)

All

Manual

Automated

Create

↓↑

Title	Variant	Automation Provider	Status	Last Changed	Scope	Solution Process
 Order Registration Vienna	VAR01	SAP_Test_Automation	Prepared	Apr 23, 2024, 4:57 PM Thomas Abinger	Scope Iteration 1	

Test Preparation

Builder | Default | Tricentis Test A

https://tricentis-gmbh-cloudalm.my-sap.tricentis.com/_portal/space/Default/builder/DixlZlaTWUG2muMoJcKhLg

Tricentis

Default

Builder

Search

Modules

Reusable test steps

Standard test steps

SAP standard modules

Logic elements

Order Registration Vienna

Test steps

Parameters

View last run

Save

Run

Show active only

Select all

Start

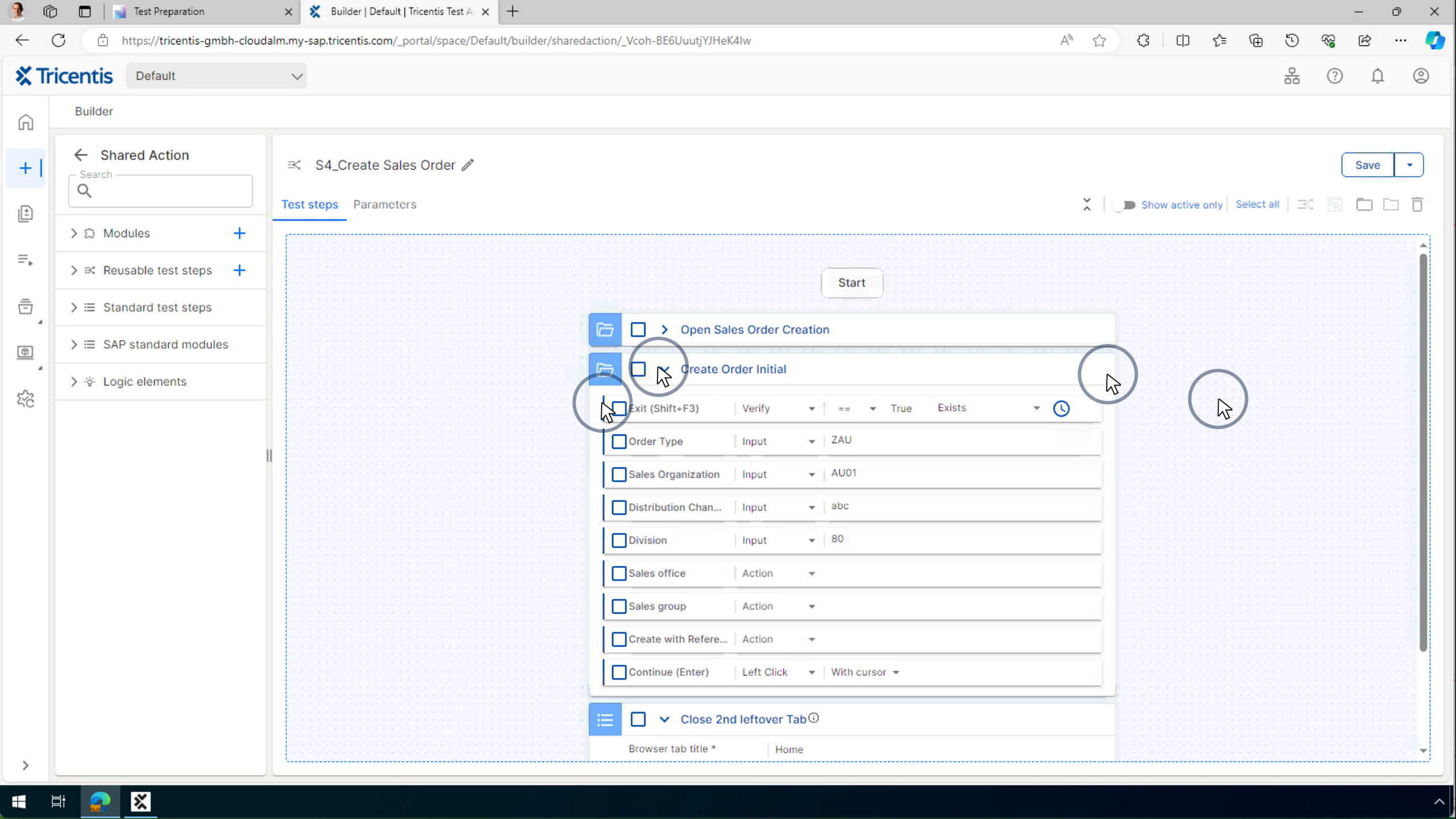
QA_S4 Login

S4_Create Sales Order

S4_Create Delivery

QA_S4 Logout

End



Test Execution

https://tricentis-gmbh-cloudalm.eu10.alm.cloud.sap/launchpad#test-displayTestRunList?sap-app-origin-hint=&sap-calm-app-timestamp=1713884541204

SAP

Test Execution

Analytics

Standard

Project: vienna Demo Project Scope: Solution Process: Solution Process Flow Diagram: Tags: Test Case Overall Status: Adapt Filters (2)

Detailed Status: Automation Provider: Test Plan: Tester:

Test Cases (1)

All Manual Automated

Test Case Information

Variant

Automation Provider

Status

Last Changed

Scope

Tester

Solution Process

Test Progress

Defects

Test Plan: (None)

Order Registration Vienna

VAR01

SAP_Test_Automation

Failed

Apr 23, 2024, 4:58 PM
Thomas Abinger

Scope Iteration 1

100%

1

Create

Execute

Test Plan: (None)

Tags:

Home

Home

SAP Cloud ALM

SAP Cloud ALM for

Overview

Notes

Cloud Integration Automation Service

SAP Cloud ALM for

Business Process Monitoring

Integration & Exception Monitoring

Real User Monitoring

Synthetic User Monitoring

Job & Automation Monitoring

Health Monitoring

Intelligent Event Processing

Operations Automation

Logon

Testing in progress. Using this computer could interfere with the automation.

sapdemo21.tricentis.com:44301/sap/bc/ui5/ui2/ushell/shells/abap/FioriLaunchpad.html?sap-client=100&sap-language=EN

SAP

User

Password

Language

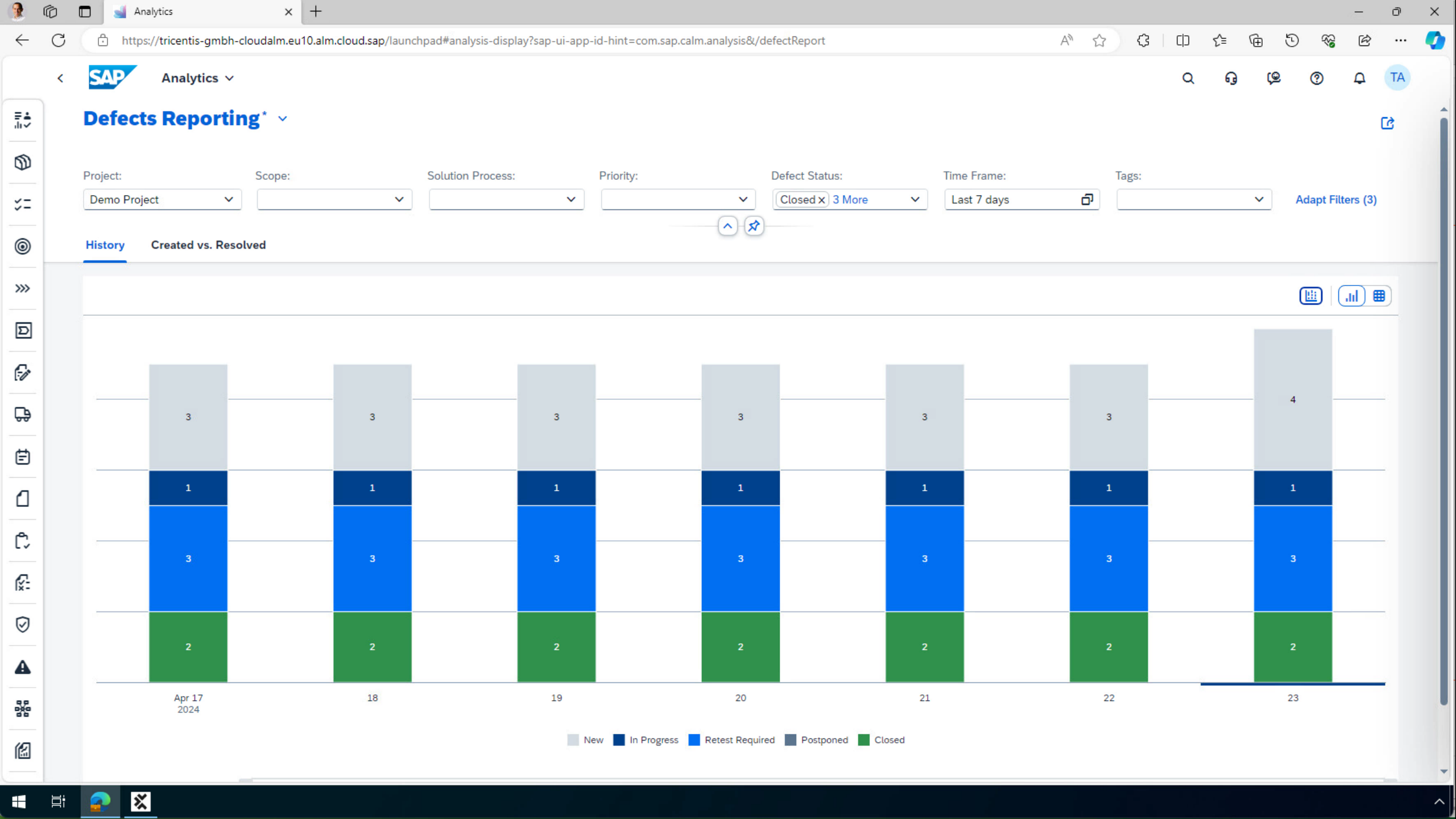
EN - English

100

Log On

Change Password

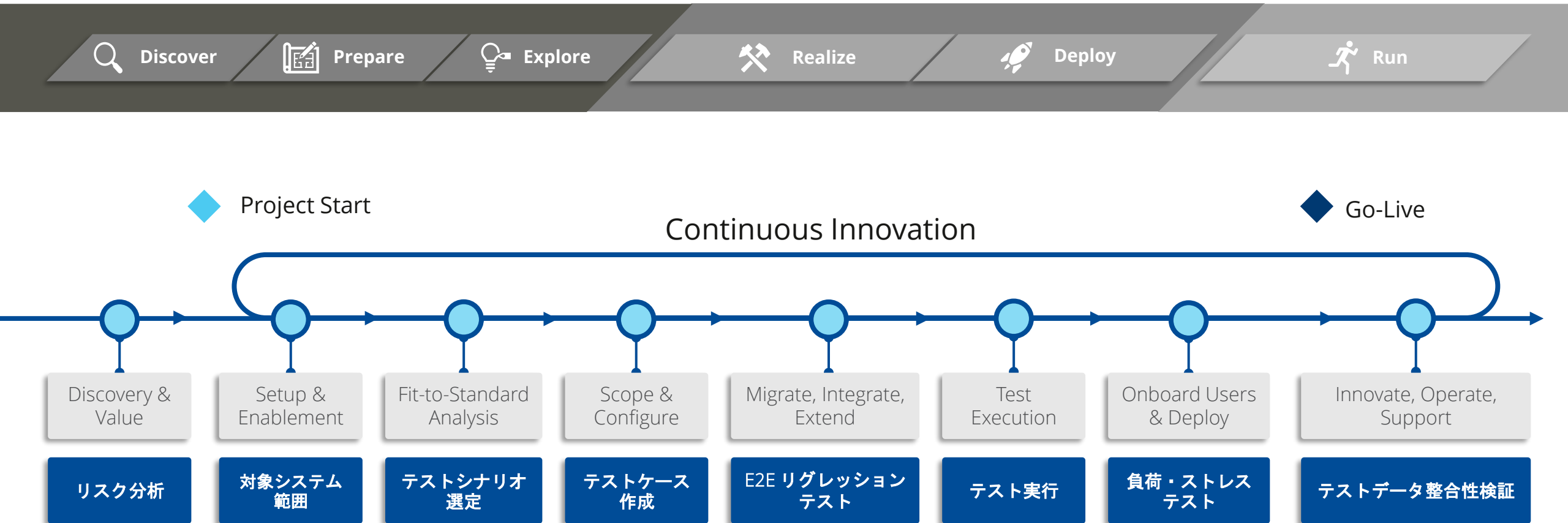
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SAP BTP製品を目指す世界

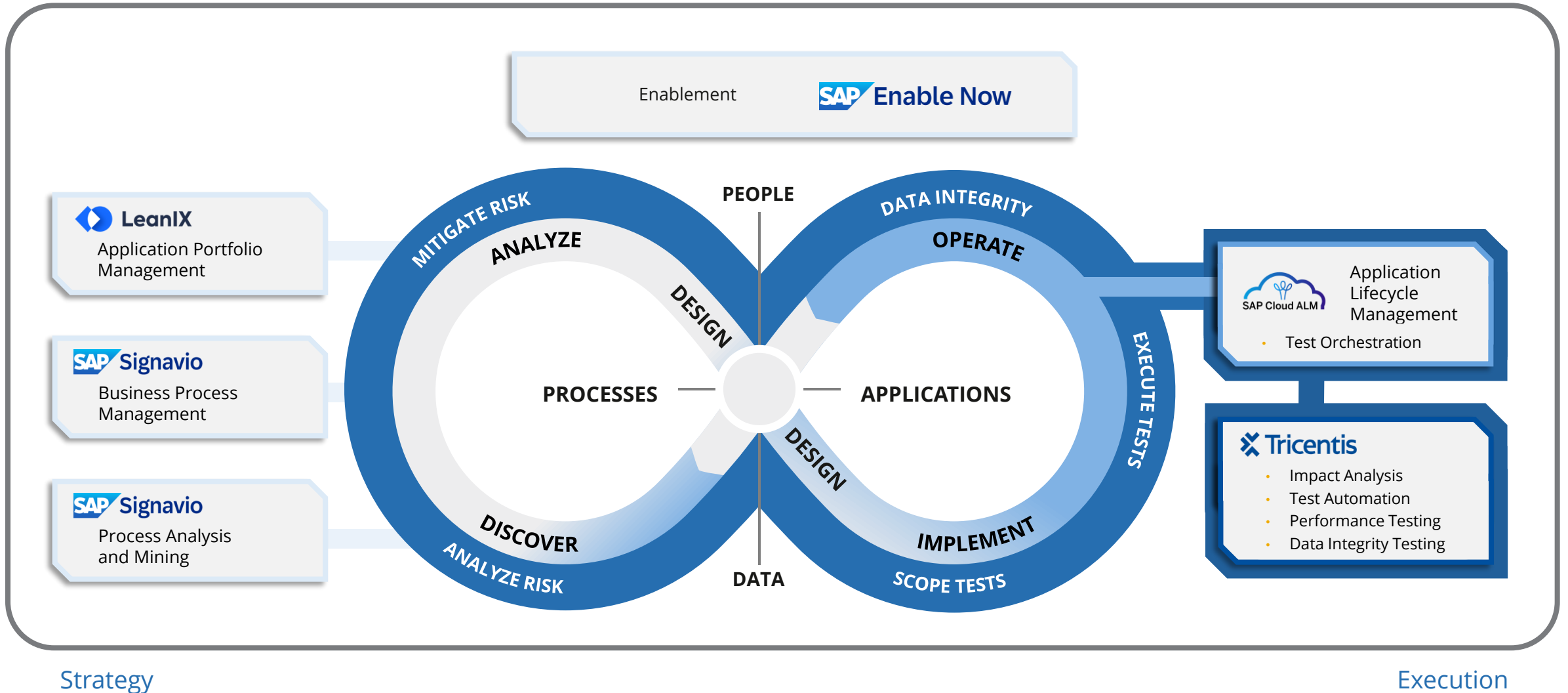
Integrated Business Assurance with SAP Activate

例: S/4HANA Functional Upgrade

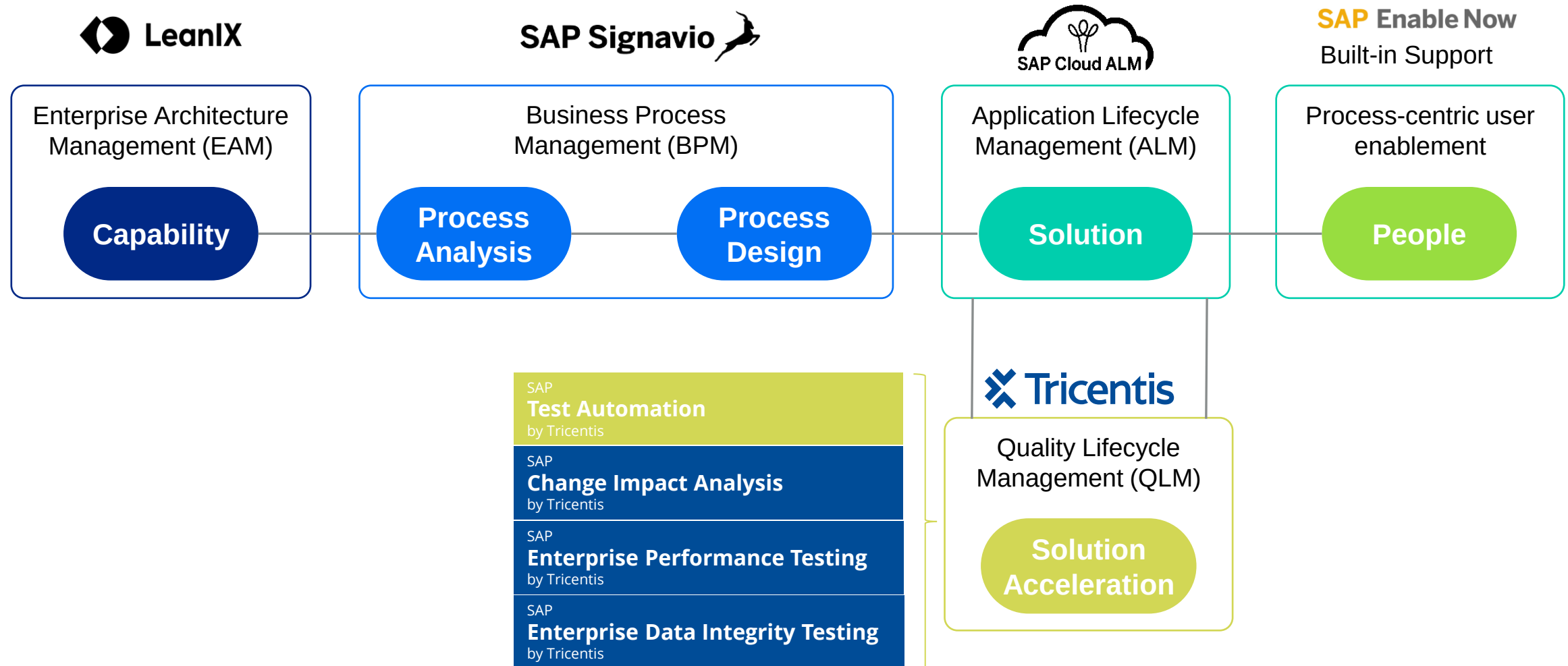


The Quality Shield for SAP Transformation Management

Safeguarding transformation across EAM, BPM, and ALM



Tricentis は **SAP Business Transformation Suite**の一部であり、 **SAP Business Technology Platform (BTP)**のSolutionです。



SolExとしてのTricentisソリューションのCapability

テスト自動化

SAP Enterprise Continuous Testing by Tricentis **【ECT】** (Private Cloud)
SAP Test Automation **【STA】** (Public Cloud)

継続的なテストの自動化



データ整合性

SAP
Enterprise Data Integrity Testing
by Tricentis
【EDIT】

データ検証

テストスコープ特定

SAP
Change Impact Analysis
by Tricentis
【CIA】 ※ SAPのみ対応

変更インパクト分析

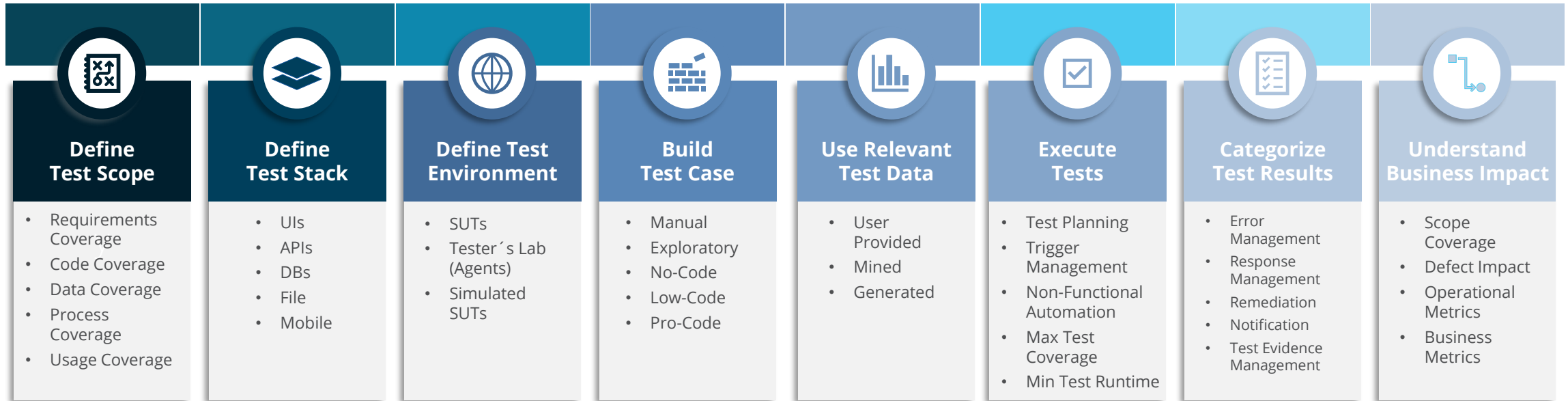
設計 & 構築

デプロイ

負荷テスト

SAP Enterprise Performance Testing by Tricentis **【EPT】**

Our contribution to speed, today



84% average test scope reduction*

up to **90%** test automation with **334%** ROI*
99.4% maintenance reduction on performance test cases*

67% data validation efficiency gain**

SAP
Change Impact Analysis
by Tricentis

SAP Enterprise Continuous Testing by Tricentis
SAP Test Automation by Tricentis
SAP Enterprise Performance Testing by Tricentis

SAP
Enterprise Data Integrity Testing
by Tricentis

* Forrester Research

** average across existing customers

Thank **you!**

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Questions Answers⁺

