

End to End Enterprise Automation and Integration Suite

Craig Stasila, Senior Director of Product Marketing, SAP

Las Vegas

2024

SAPinsider



In This Session

1. The need for Enterprise Automation
2. Enterprise Automation from SAP
3. Enterprise Automation Use-Cases & Customer Success Stories
4. Next Steps & More Information

What We'll Cover

- What is Enterprise Automation and why is it valuable?
- Introduction to SAP Enterprise Automation
- Enterprise Automation Use-Cases
 - SAP Enterprise Automation with RISE
- Wrap-Up





The need for enterprise automation

What is Enterprise Automation and why is it valuable?



The promise of automation



Speed up processes



Reduce errors



Free up people's time

Traditional automation has challenges...

Process orchestration

27% of technology buyers state silos of data and responsible use are critical inhibitors

Bot proliferation

51% of technology buyers state that bot proliferation is a serious challenge in scaling automation

Disconnected toolset

38% of technology buyers state the types of automation we use don't work well with each other

Why Enterprise Automation?



You've invested in
**multiple automation
initiatives...**



But they may be
disjointed
or not driving full
impact.



**Enterprise
automation**
identifies, models, and
automates business and IT
processes, with
AI-powered tools.

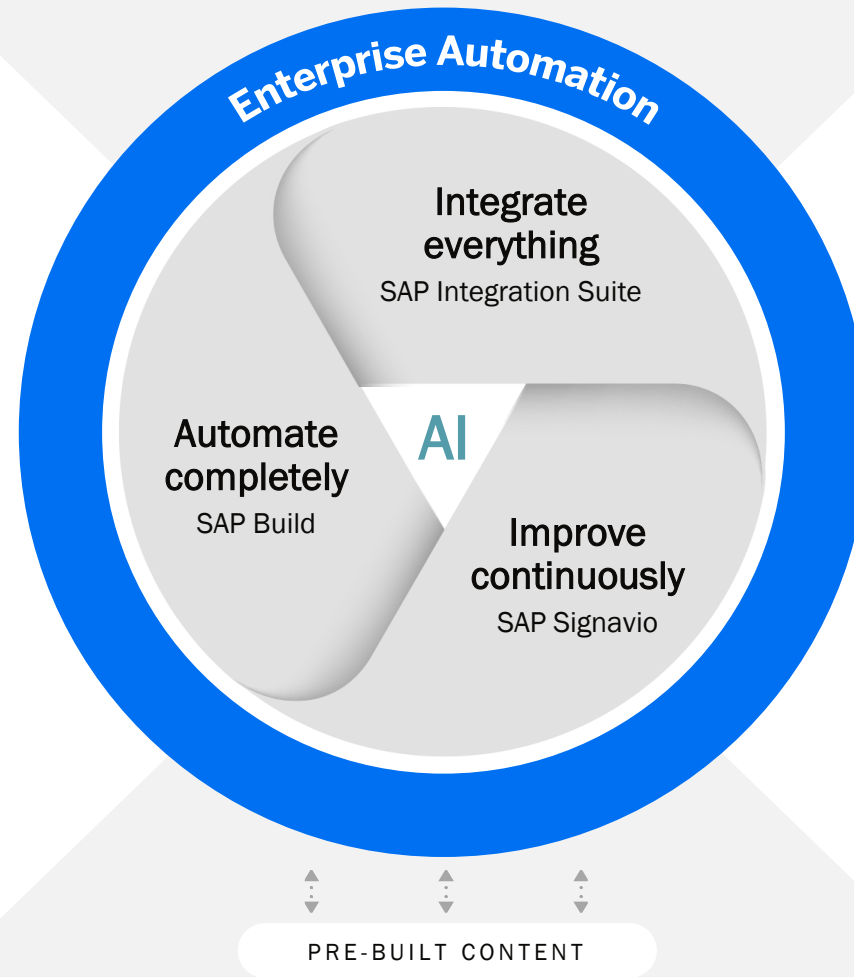
How SAP delivers enterprise automation

An Introduction to SAP Enterprise Automation



Enterprise Automation with SAP

Future proof your journey to become an intelligent and automated enterprise

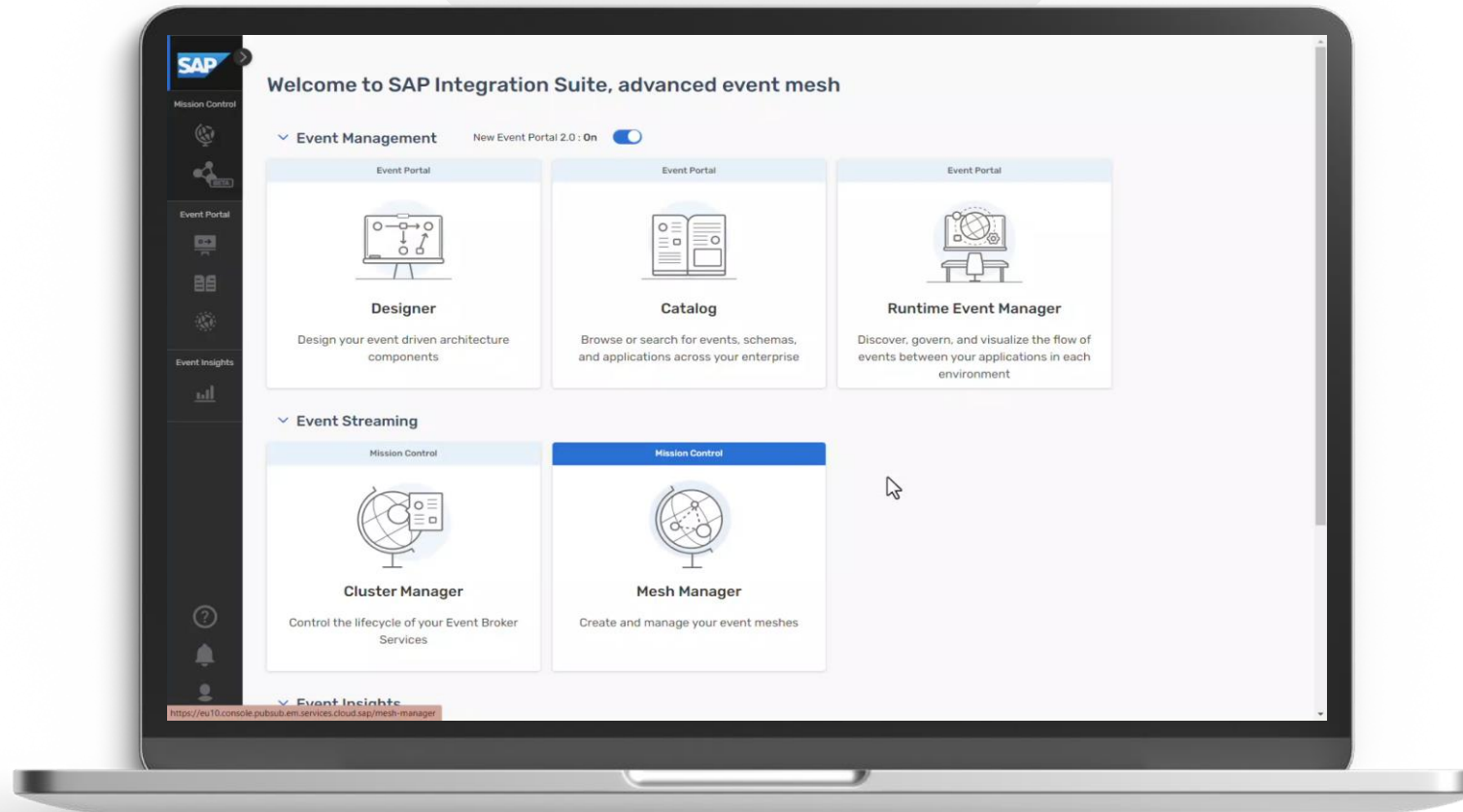


- Integrate applications
- Discover inefficiencies
- Automate processes

ACROSS HETEROGENOUS ENVIRONMENTS

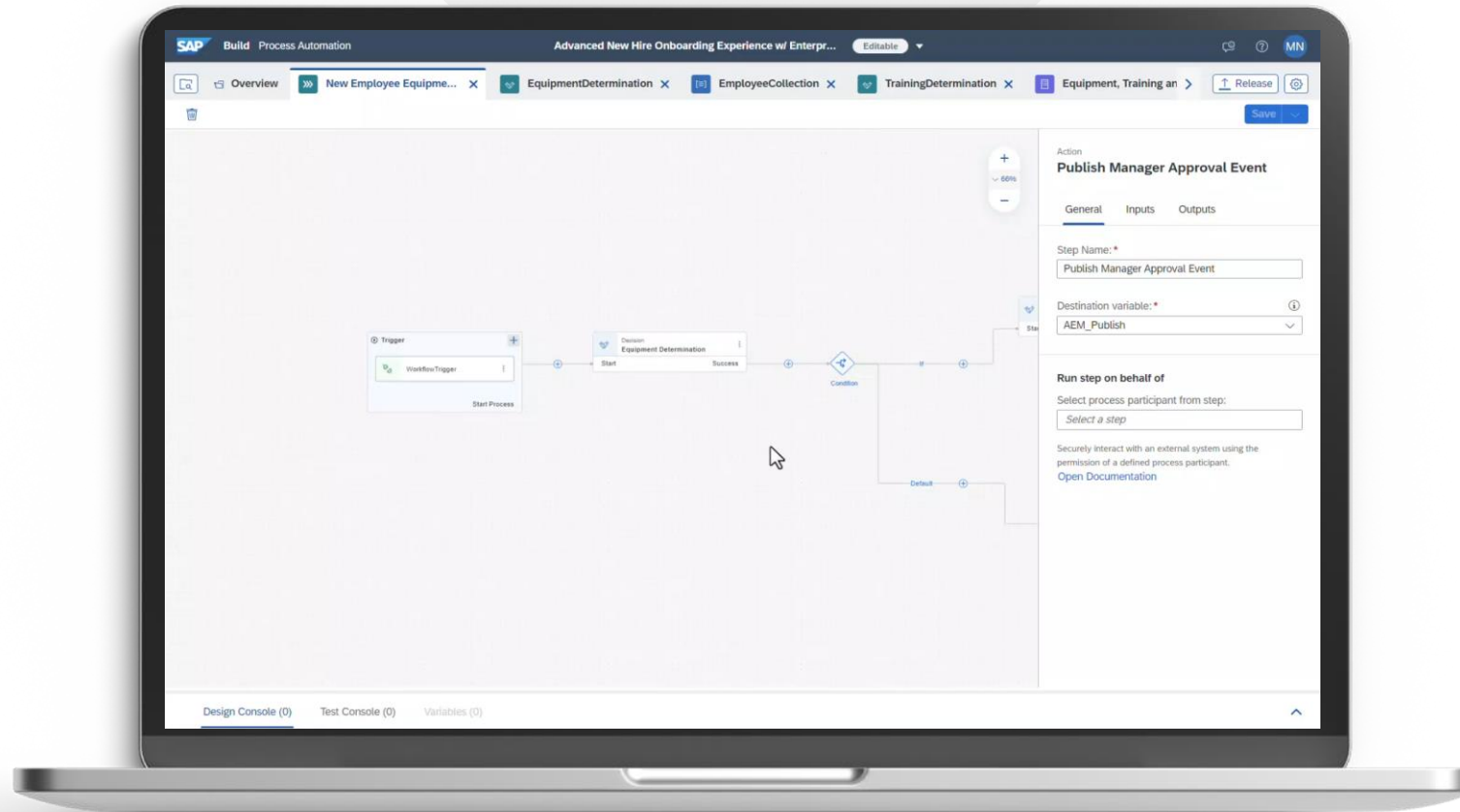
Integrate everything

Automation begins with integration.
SAP Integration Suite is a single solution for all your integration needs.



Automate Completely

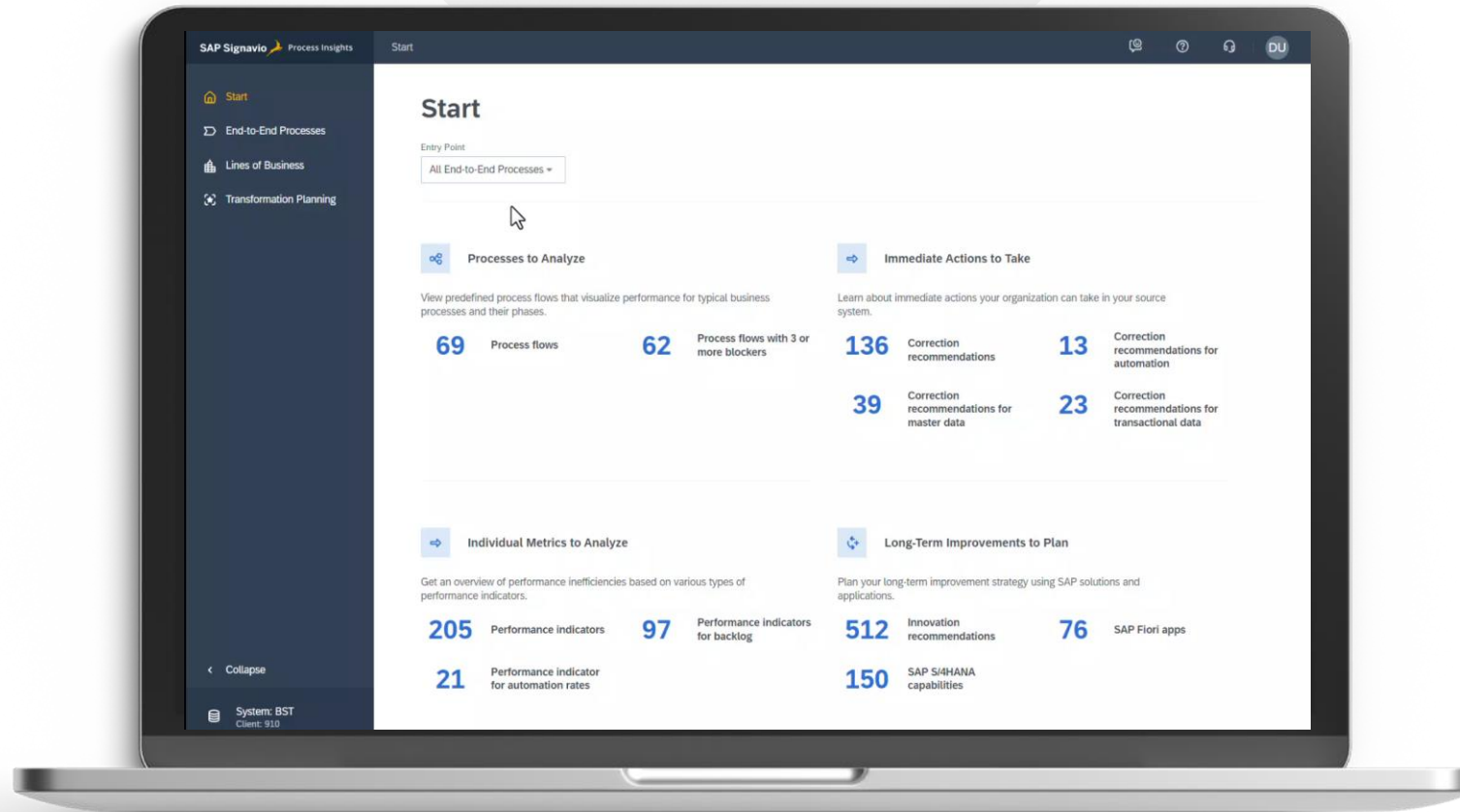
SAP Build helps you automate across the enterprise to improve efficiency and reduce errors.



Improve Continuously

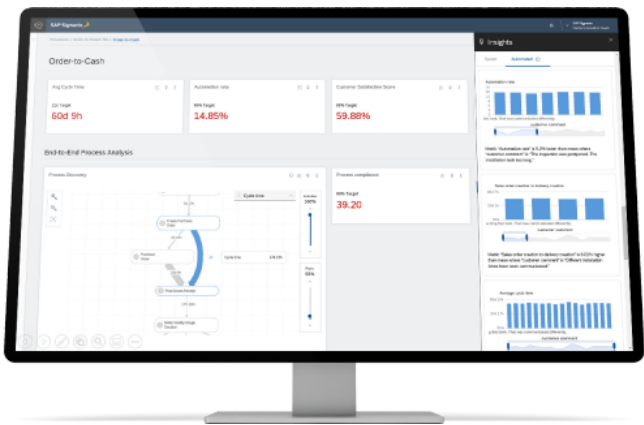
Automate what matters.

SAP Signavio helps identify opportunities for automations and act on insights.



How we deliver Enterprise Automation with SAP

SAP Signavio



Process analysis and mining

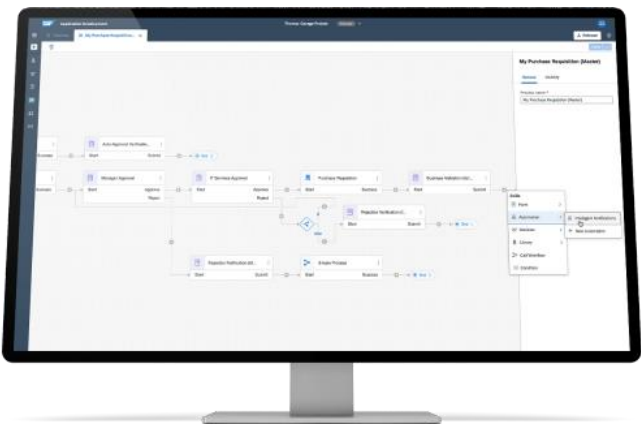
Process and journey modeling

Process governance and automated execution

Collaboration

Value accelerators

SAP Build Process Automation



Processes and workflows

Business rules and decisions

Document understanding

Unified launchpad & task center

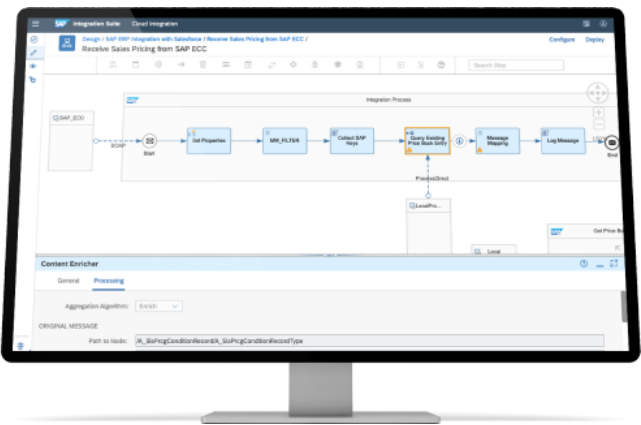
Forms and multi-step approvals

Task automation

Process visibility and flexibility

Prebuilt content

SAP Integration Suite



Application integration

Event driven architecture

API management

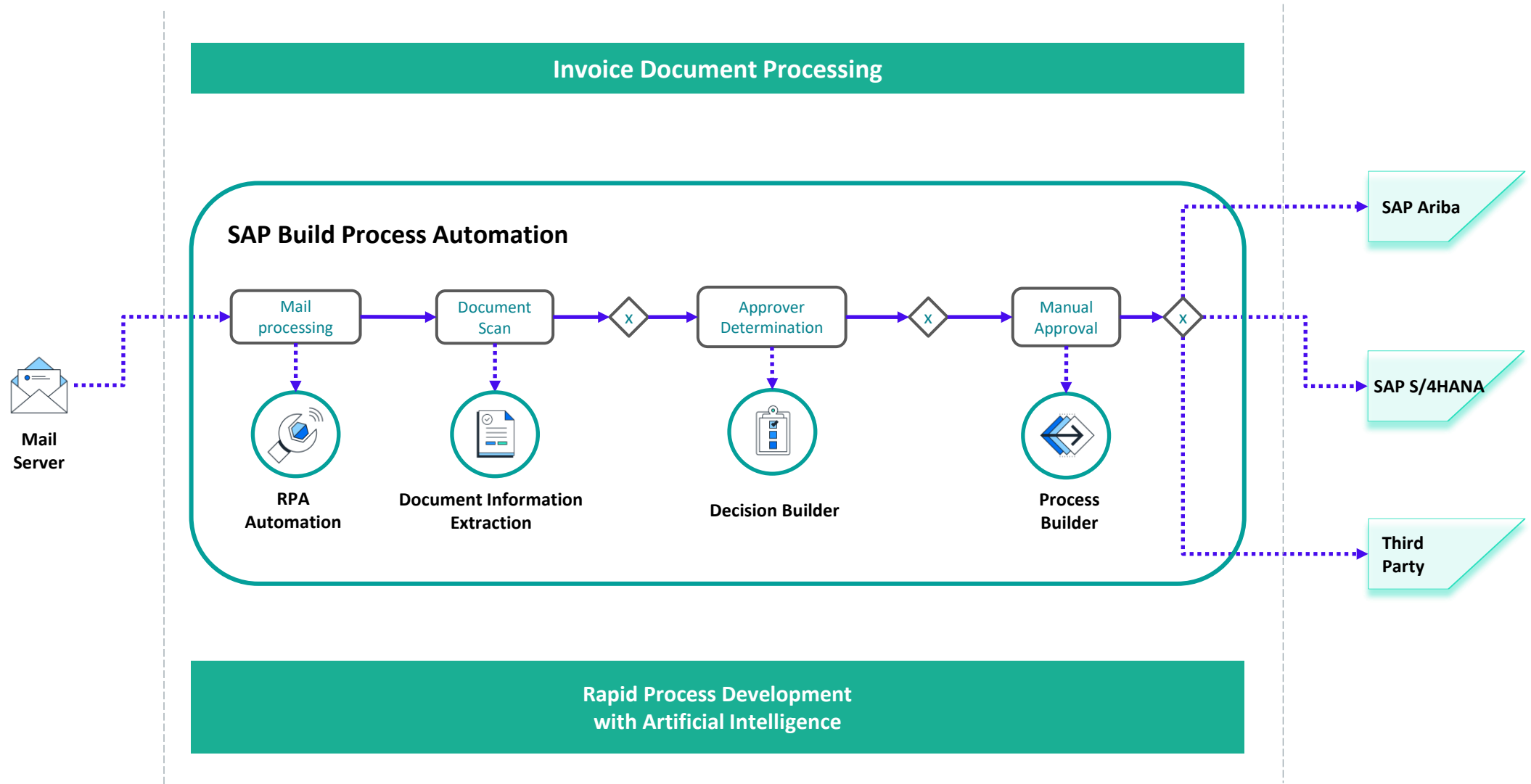
Regulatory compliance

B2B integration

Guided integration practice

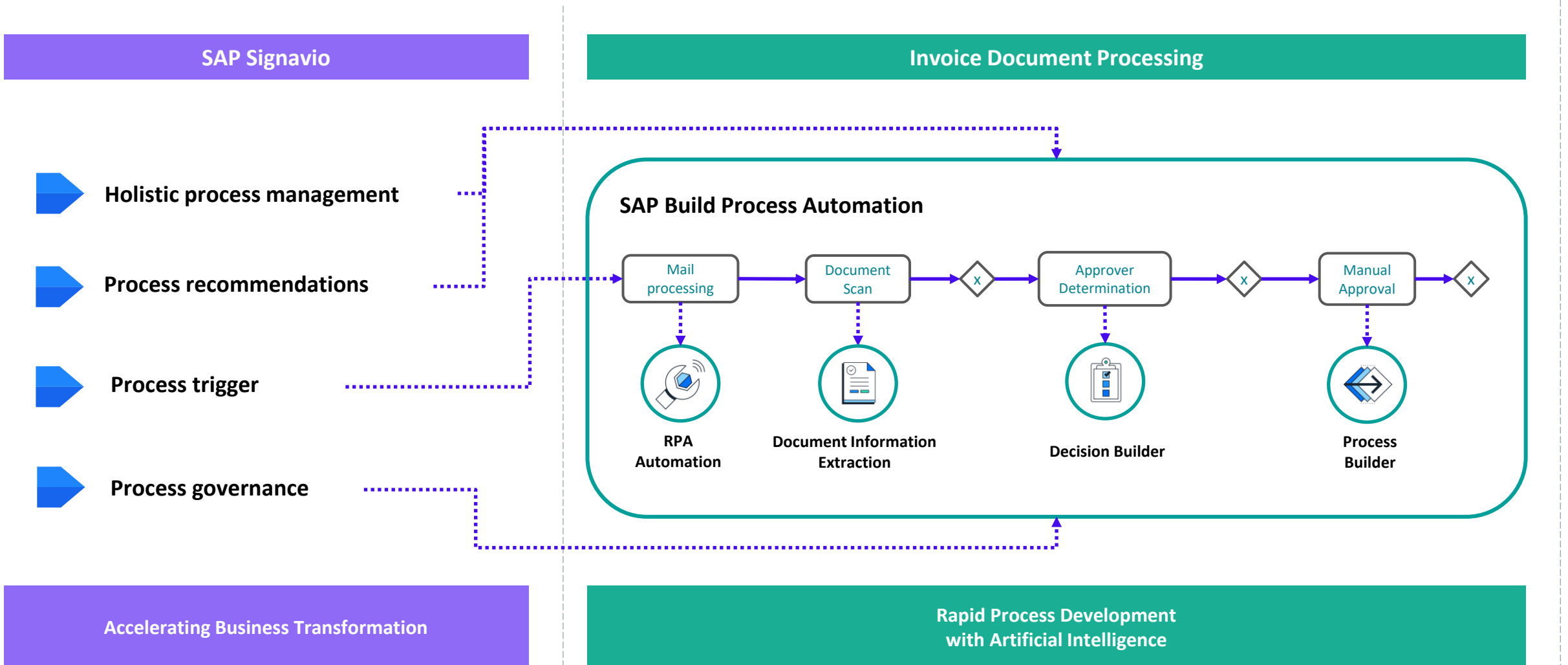
How we deliver Enterprise Automation with SAP

Common use-case patterns



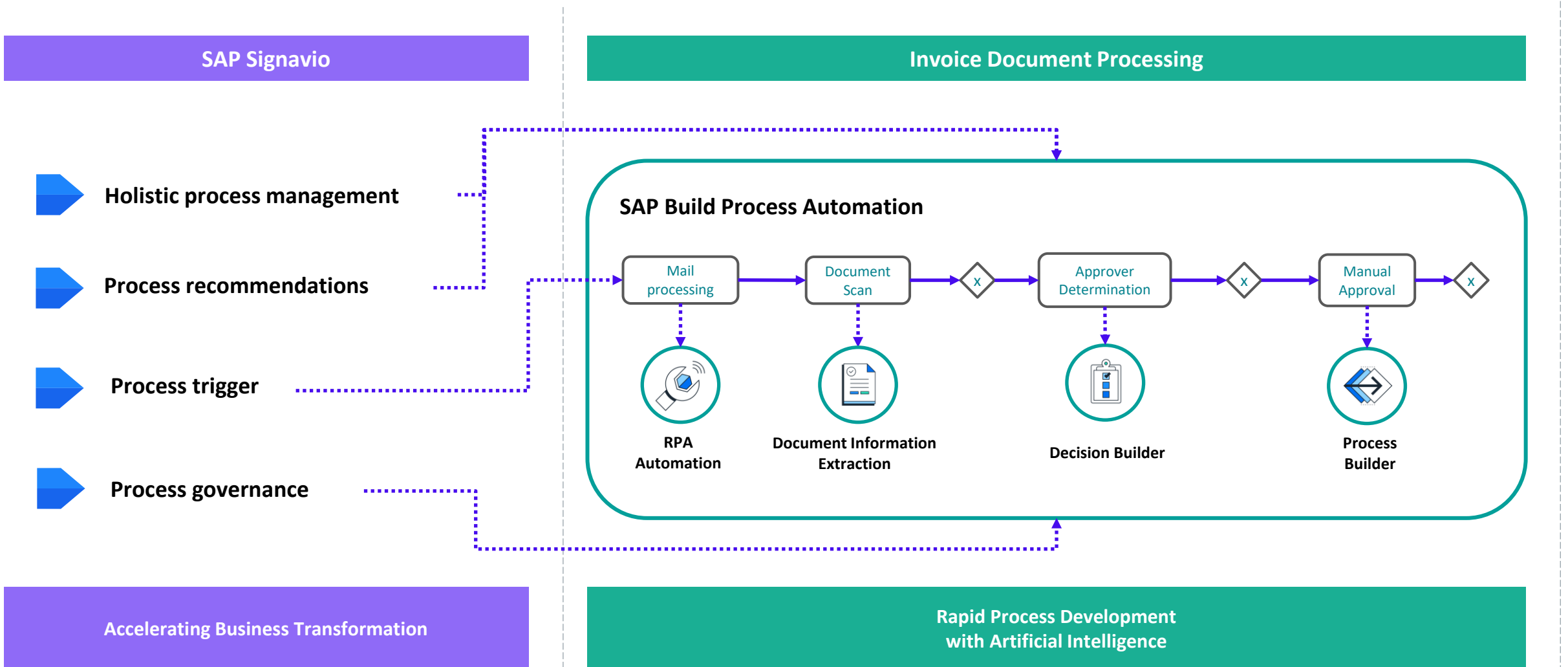
How we deliver Enterprise Automation with SAP

Common use-case patterns



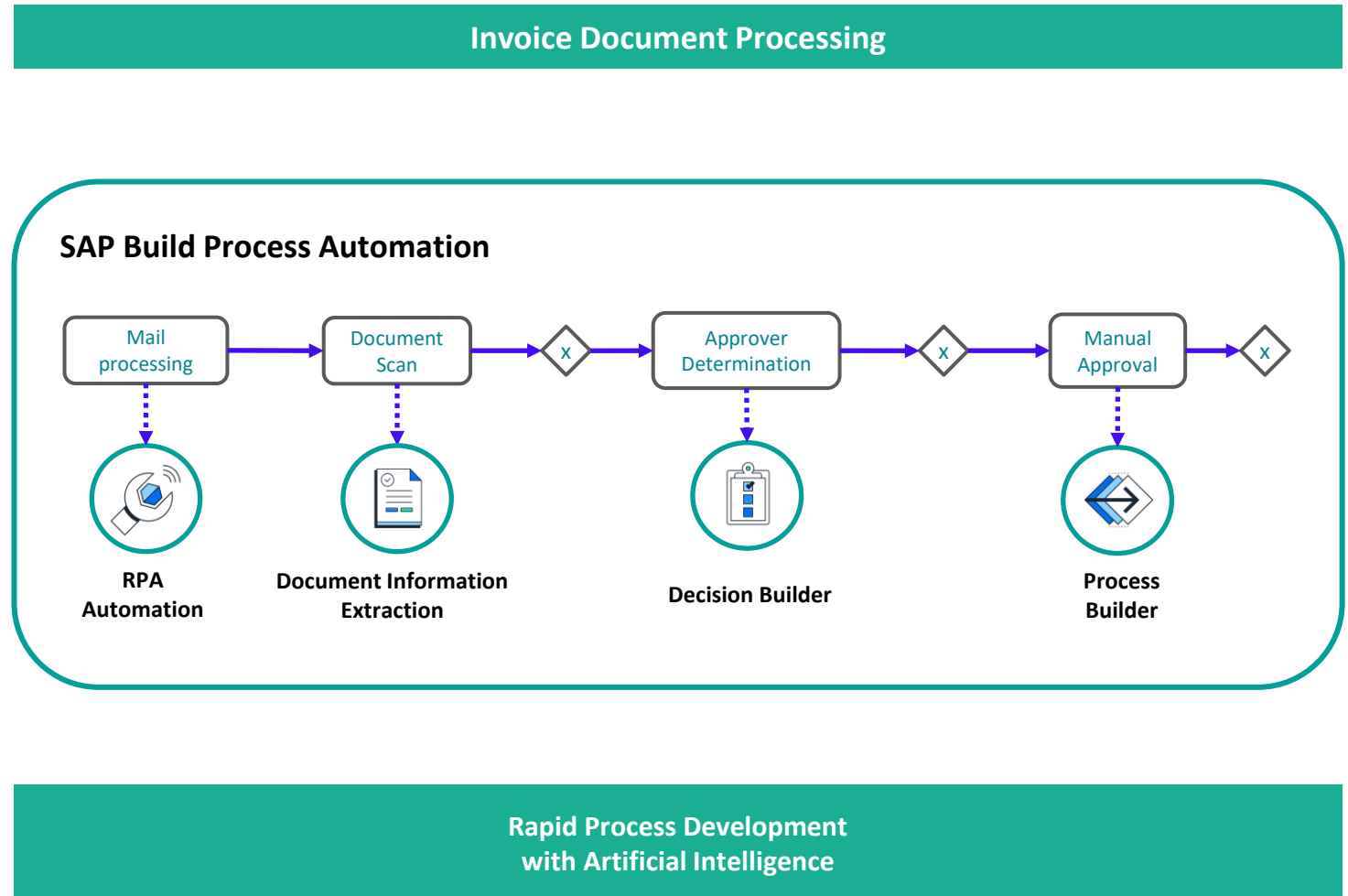
How we deliver Enterprise Automation with SAP

Common use-case patterns



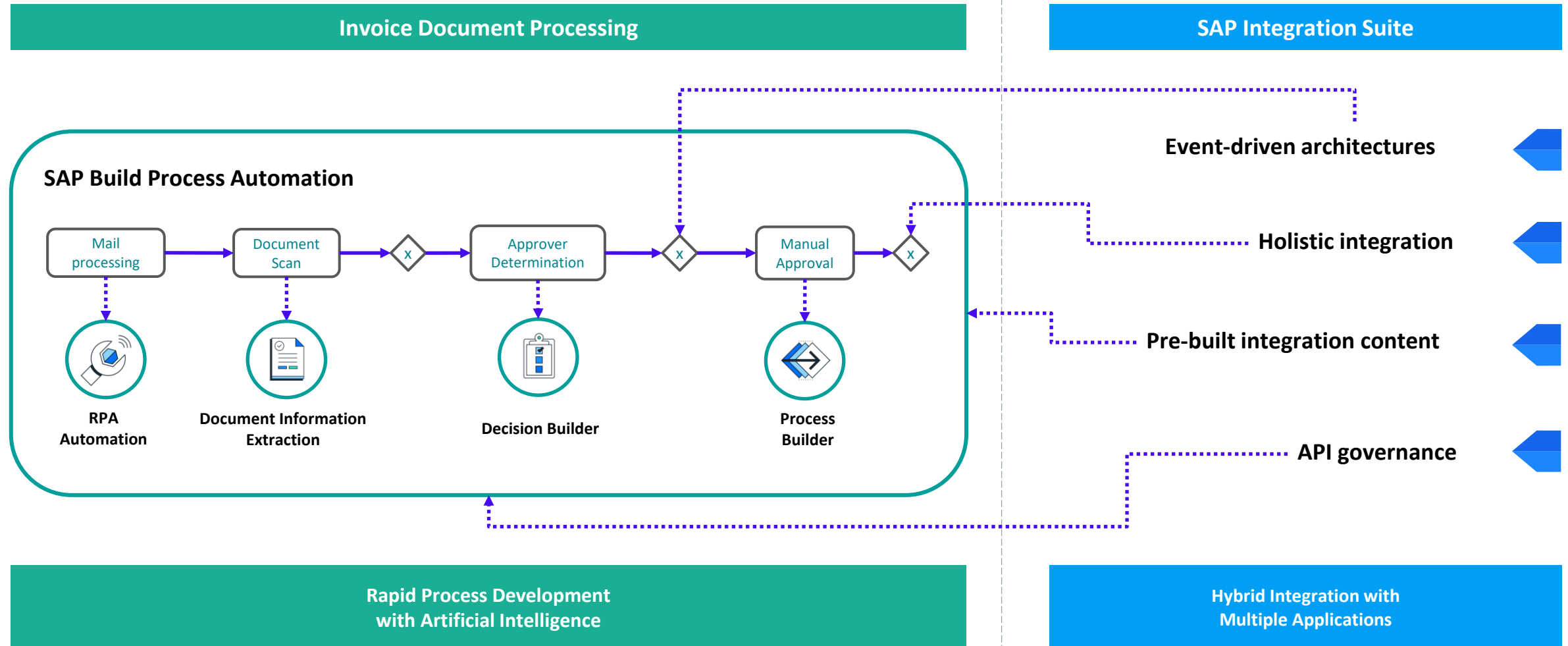
How we deliver Enterprise Automation with SAP

Common use-case patterns



How we deliver Enterprise Automation with SAP

Common use-case patterns



Process recommendations

Start

End-to-End Processes

Lines of Business

Value Analysis

Transformation Planning

SAP Signavio

Process Insights

Lines of Business / Sourcing & Procurement / All Value Drivers

Sourcing & Procurement

Process Flows Performance Indicators Correction Recommendations Innovation Recommendations

Innovation Recommendations (135) Filter by Categories

Recommendation	Relevance	Industry...
SAP Ariba Supplier Lifecycle and Performa...	4 1	4 4
Purchase Order Processing	4 1	4 4
SAP Business Network Supply Chain Colla...	4 1	4 4
Taulia Dynamic Discounting	4 1	4 4
Taulia Supply Chain Finance	4 1	4 4
Monitor Purchase Order Items	4 1	4 4
Procurement Overview Page	4 1	4 4
Manage Purchase Orders	4 1	4 4
Commodity Procurement	4 1	4 4
Purchase Order Collaboration	4 1	4 4



Lobby

Connectors

Actions

Automation SDK

Store

Monitoring

Control Tower

SAP Build

Store / Purchase Requisition Header Approval and Release

Purchase Requisition Header Approval and Release

Create from Template

Type: Process Publisher: SAP Build Process Automation Version: 1.0.0 SubType: Business Process Catalog: Business Content Last Modified: 8/2/23 9:54 AM

Template

Description Tags Documents (1) Artifacts (21) Dependencies (3)

This template content enable customers to automate and extend their Purchase Requisition process in SAP Build Process Automation without any additional development in SAP ERP. It contains processes, automations, decisions, and visibility scenario to automate SAP ERP Purchase Requisition Approval and Release Process using SAP Build Process Automation. Procurement experts or process operators enter the header and item details in the UI5 form. Based on the details entered, purchase requisition approval process is triggered. Once approvals are done, purchase requisition gets created in the ERP system. The process operators can also gain real time visibility into purchase request approval and release process including insight to actions.

Follow the attached configuration and user guide to consume this content package in SAP Build Process Automation (click [here](#) to know more about SAP Build Process Automation)

Tags

LOB Sourcing And Procurement

Documents (1)

SAP Signavio

SAP Build Process Automation

Insights-to-Action

SAP Signavio

Process Intelligence

Process Data Management

Processes

Actions

Assign Purchasing Group

General

SIGNAL

Tasks

Case Level

Contract Company Code

Contract Company Cod...

Contract Id

Contract Item

Contract Item Net Orde...

Contract Item Net Orde...

Contract Item Net Price

Contract Purchase Group

Contract Purchase Org...

Contract Released Qua...

Contract Status

1 SELECT

2 "PR Id", "PR Description",

3 "PR Purchasing Org",

4 "PR Position Id",

5 "PR Purchasing Group",

6 "PR Material Group"

7 FROM THIS_PROCESS

8 WHERE "PR Material" IS NULL AND "PO Purchasing Organization" = '2800' AND "PR Id" IS NOT NULL AND "PR

9 Purchasing Group" = '100'

10 AND event_name MATCHES('Release PR Item')

11 LIMIT 2

PR Id	PR Description	PR Purchasing Org	PR Position Id	PR Purchasing Group	PR Material Group
2800694699	3 Hydraulic valves, double-acting	2800	00010	100	MAINTENANCE-SERVICE
2800695339	Steel sheets, assorted sizes, pack of 500	2800	00010	100	CONTRACT SERVICES

Task 1

Task Type: *

SAP Build Process Automation

Update Cancel



SAP Build Process Automation

P2P Improvement Project with Signavio PI an...

Editable

Overview

Purchase requisition Buy...

Release

Saved

Trigger signavio_trigger

Buyer Determination

Was a buyer f...

AI Buyer Recommendation

One result?

Change Buyer in S/4HANA

Notify Buyer 1

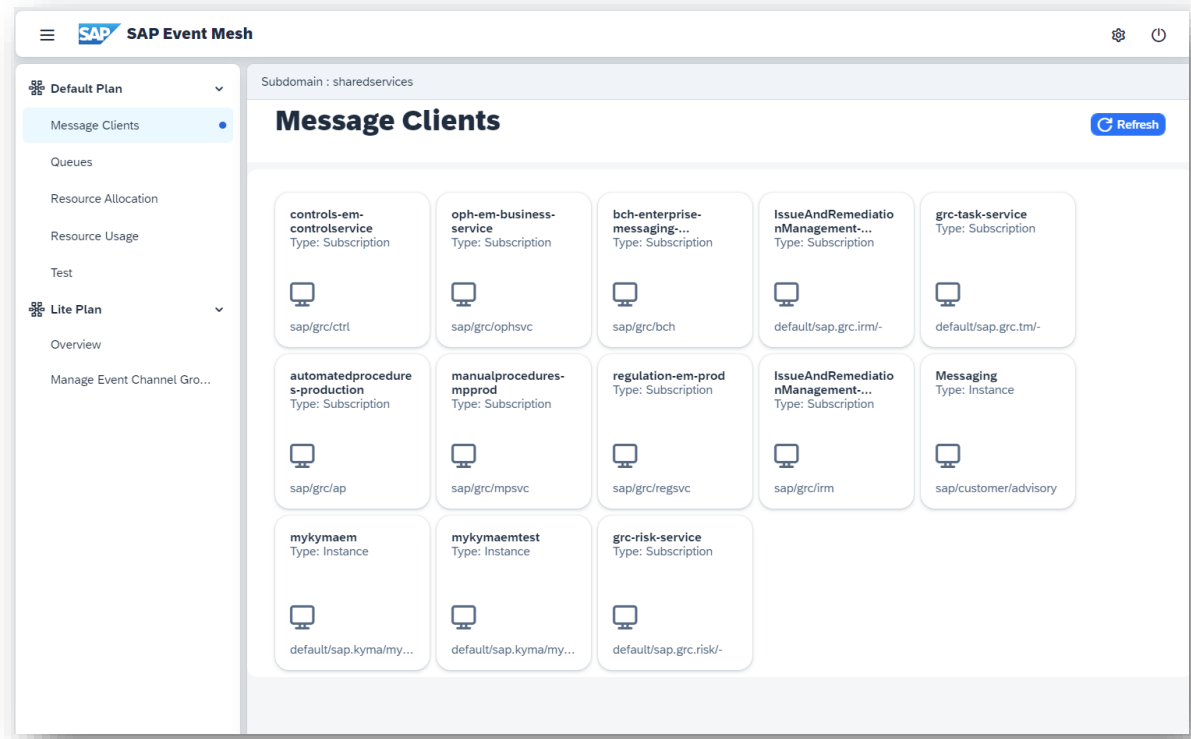
Design Console (0)

Test Console (0)

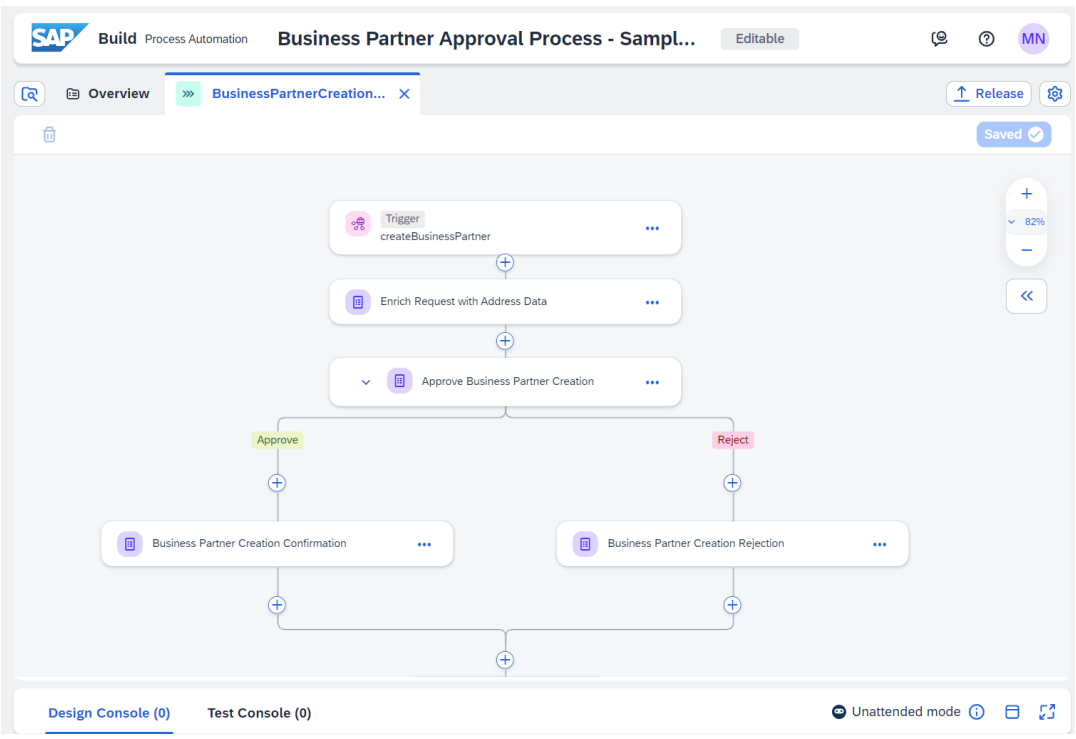
SAP Signavio

SAP Build Process Automation

Event-driven architectures



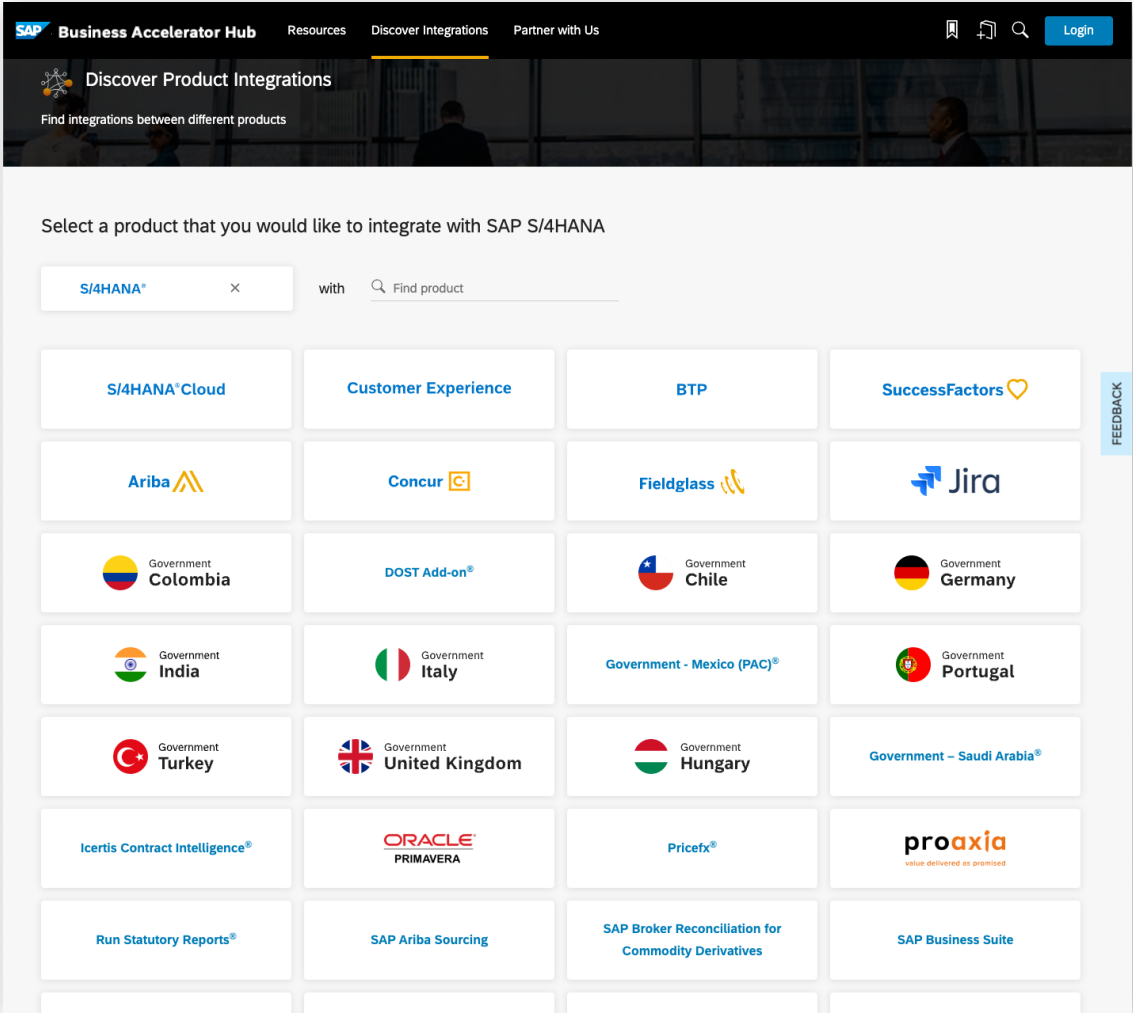
SAP Integration Suite



SAP Build Process Automation

SAP Business Accelerator Hub

Pre-built content to jumpstart your automations



Fully Maintained & Updated by SAP

3200+
Prebuilt Integrations

300+
Business Events

1200+
Automation content

Visit the [SAP Business Accelerator Hub](#)

Adapt rapidly with AI

Business experts can **make better decisions** with AI insights and **reduce repetitive tasks** with AI-driven document processing

Built-in AI accelerates AI adoption in your business processes

- AI-driven **document information extraction**, to reduce errors and empower employees to focus on higher value tasks
- Increase data consistency and raise efficiency with **AI-driven recommendations** within your automations
- Accelerate the development of secure integration scenarios via **AI-powered flow step suggestions**

Extend your automation potential with third party openness to the AI solutions your teams know and trust

- Integrate seamlessly with **Vision AI** models to processing hand-written documents
- Enable efficient search and information retrieval using natural language, empowered by **generative AI**
- Discover new process insights and behaviors and unlock **AI-facilitated decision making**

Enterprise Automation Use-Cases

Invoice Processing without Purchase Order
With Generative AI

Customer Stories

More Enterprise Automation Use-case

- Start
- End-to-End Processes
- Lines of Business
- Value Analysis
- Transformation Planning

Process Flows Performance Indicators Correction Recommendations Innovation Recommendations

Process Flows (69)

Filter

Process Flow	Object Count	Unit	Completion Rate	Days to Completion	Blockers	Reference Period	End-to-End Process	Line of Business
☆ Stock level of sellable materials (not batch managed)	45,345	Materials	6%		3	May 12, 2023 - May 12, 2023	Plan to Fulfill	Supply Chain
☆ Customer invoice issuing (without sales) to FI-AR clearing	21,600	Documents	72%	17	8	May 15, 2021 - May 20, 2021	Lead to Cash Finance	Finance Sales
★ Sales order item creation to FI-AR item clearing	20,932	Items	65%	25	7	Apr 12, 2021 - Oct 19, 2021	Lead to Cash Finance	Finance Sales
☆ Production order component creation to goods issue posting	20,019	Items	3%	2	4	Jan 2, 2023 - Sep 11, 2023	Plan to Fulfill	Manufacturing Supply Chain
☆ Purchase order item creation (without GR) to FI-AP clearing	19,680	Items	62%	14	8	Mar 17, 2021 - Sep 15, 2021	Source to Pay Finance	Finance Sourcing & Procurement
★ Supplier invoice issuing (without purchase order) to FI-AP clearing	16,200	Items	46%	25	7	Mar 23, 2017 - Apr 23, 2021	Source to Pay Finance	Finance Sourcing & Procurement
★ Supplier invoice issuing to FI-AP clearing	14,510	Documents	95%	25	4	Jun 20, 2022 - Aug 1, 2022	Source to Pay Finance	Finance Sourcing & Procurement
★ Sales billing document creation to FI-AR clearing	13,440	Documents	8%	61	9	Mar 30, 2022 - Apr 20, 2022	Lead to Cash Finance	Finance Sales
☆ Purchase order item creation (subcontracting) to invoice receipt creation	11,984	Items	77%	11	6	Nov 15, 2021 - Feb 15, 2022	Plan to Fulfill Source to Pay	Manufacturing Sourcing & Procurement
☆ Production order creation to technical completion	10,153	Documents	3%	-11	7	Jan 2, 2023 -	Plan to Fulfill	Manufacturing

< Collapse

Customers Succeeding with Enterprise Automation



AVAYA

300%

Increase in productivity & effectiveness

in audit process and incident management tracking.

[Watch the customer story](#)



\$1 Million

savings in annual transportation expenses.

[Watch the customer story](#)



mahindra^{Rise}

20%

Faster execution of the jobs (e.g., Backorder Processing, MRP, Data Extractions).

[Read the customer story](#)



30 bots

built for 16 different processes to automate repetitive processes in retail and finance

[Read the customer story](#)

Enterprise Automation with SAP

Example Use Cases

HXM

Enable advanced onboarding experience and shared service automation



Procurement

Enrich & identify missing master data for Purchase Order processing



Finance

Automate invoice auditing process and ensure compliance



Sustainability

Optimize waste-management with intelligent processes



Finance

Digitize paper-based invoice processing and posting to SAP S/4HANA



Utilities

Optimize electricity meter readings & ensure master data quality



Finance

Streamline approval-based Journal Entry Posting in SAP S/4HANA

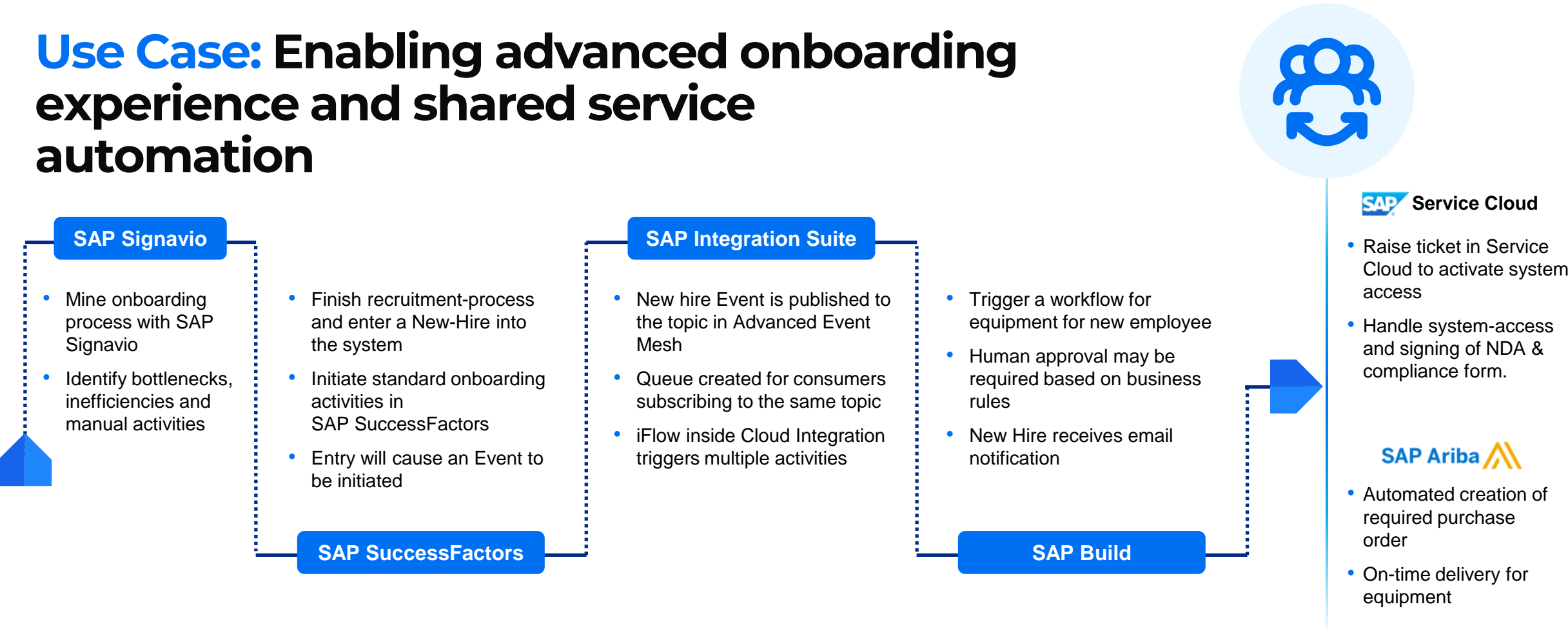


Sales

Streamline sales orders credit limits & creation based on the process findings



Use Case: Enabling advanced onboarding experience and shared service automation



Improved Efficiency

Business process automation with reduced manual steps



High-Quality Output

Eliminating potential human errors



Faster Time-To-Value

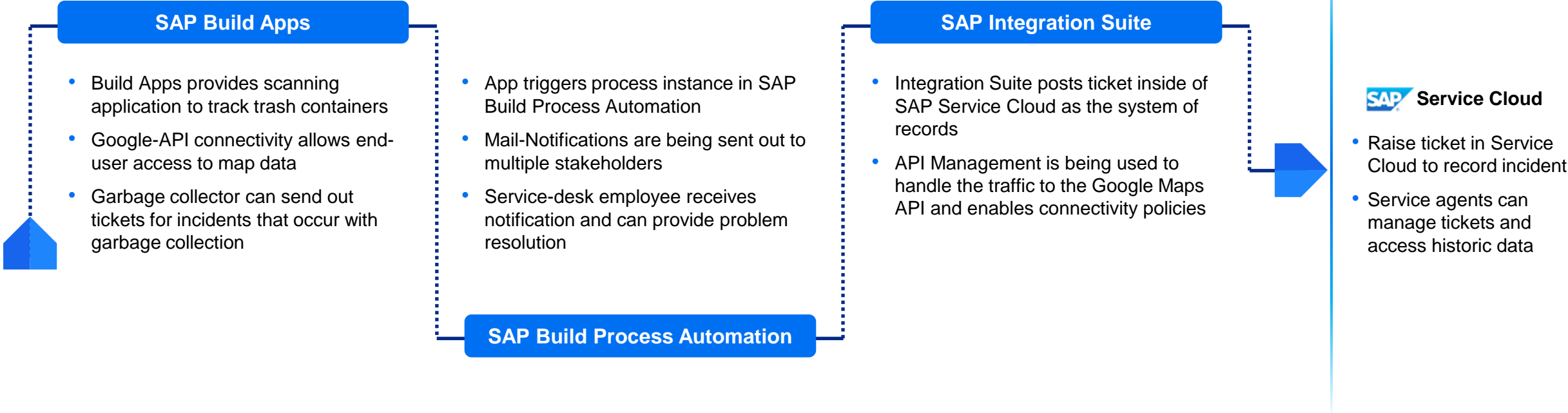
Ease of implementation and roll-out



Employee Satisfaction

Simplified and faster processes

Use Case: Smart Waste Management



Improved Efficiency
Business process automation with reduced manual steps



High-Quality Output
Eliminating potential human errors

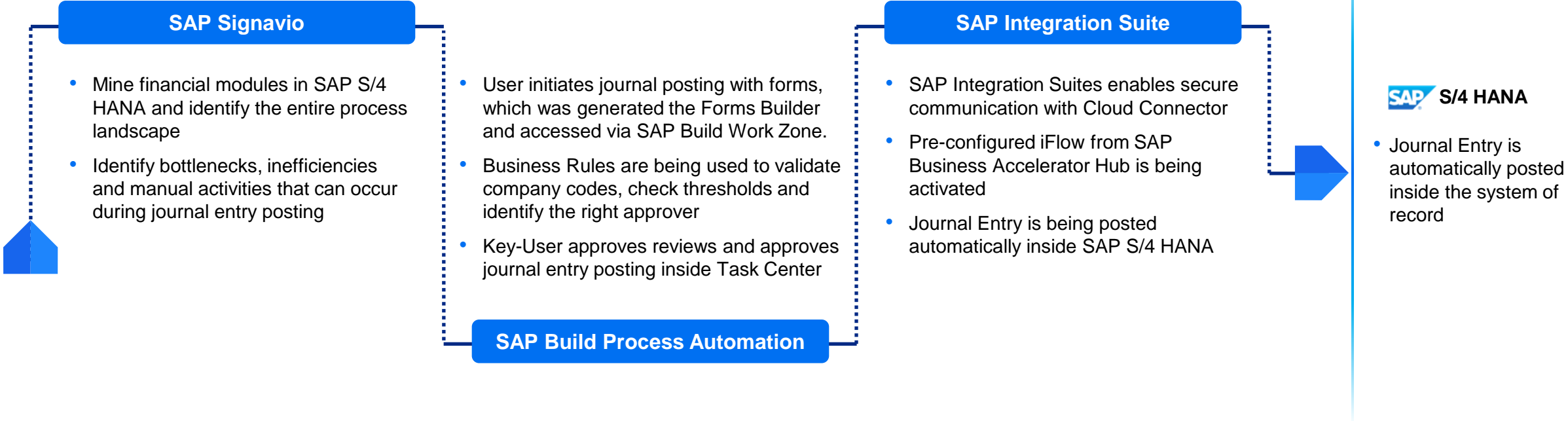


Faster Time-To-Value
Ease of implementation and roll-out



Employee Satisfaction
Simplified and faster processes

Use Case: Approval-based Journal Entry Posting in SAP S/4HANA



Improved Efficiency
Business process automation with reduced manual steps



High-Quality Output
Eliminating potential human errors



Faster Time-To-Value
Ease of implementation and roll-out



Employee Satisfaction
Simplified and faster processes

Use Case: Automated Purchasing Group Assignment for Non-Coded Materials



SAP Signavio

- SAP Signavio is being used to scan and evaluate Procure-to-Pay processes inside the organization
- Process Intelligence identifies purchase order documents which have missing material codes
- Process Intelligence directly triggers workflow instance in SAP Build Process Automation

- Approval process is initiated automatically
- The process allows automated proposal of buyer data based on historically available records
- Purchase order record is being directly maintained and updated in SAP S/4 HANA

SAP Build Process Automation

SAP Integration Suite

- Integration suite picks purchase order data from SAP Build Process Automation
- Master data records are updated in third party systems. This includes material master data and business partner master data

SAP S/4 HANA

- Material codes are being added to the purchase order document in S/4 HANA

Third-Party System

- Material codes are being added to the purchase order document in S/4 HANA



Improved Efficiency

Business process automation with reduced manual steps



High-Quality Output

Eliminating potential human errors



Faster Time-To-Value

Ease of implementation and roll-out



Employee Satisfaction

Simplified and faster processes

How Enterprise Automation supports S/4 RISE transformation

1

Process Improvement

- Leverage **SAP Signavio** to evaluate the process landscape in ECC
- Identify **bottlenecks** and the biggest **automation potential**
- Get contextual **best-practices & recommendations** for S/4 HANA modules or pre-developed content in SAP Build
- Trigger **Smart Actions** in SAP build based on inefficiencies which were identified in SAP Signavio

2

Simplified Migration

- Automating technical migration activities
- **Automation scenarios** for all transition phases including System Analysis, Exploration, Realization and Deployment & Execution
- Support for pre- and post-conversion, quality validation and documentation update

3

Clean Core

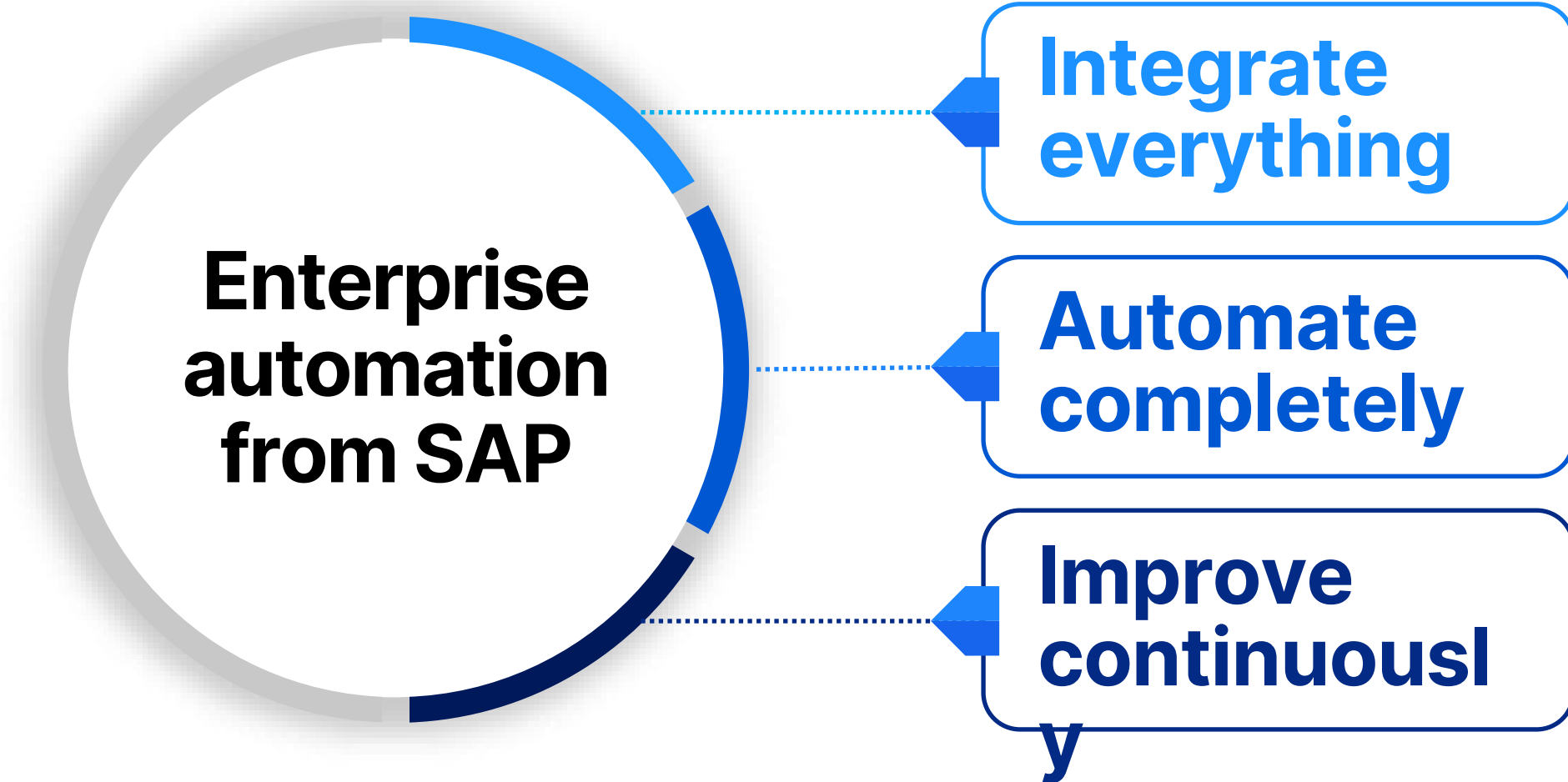
- **Replace custom code** in ECC with automations in SAP Build Process Automation
- **Generate extensions** for SAP processes & application which were identified fit-gap analysis
- Include citizen developers with **low code-tooling** and **pre-developed content**
- **Ensure compliance** and **reduce risk** during your migration to SAP S/4 HANA

Wrap Up



Wrap Up

Enterprise Automation with SAP



Where to Find More Information



1

Learn more

- Visit sap.com/enterprise-automation
- Explore pre-built integration and automation content from the [SAP Build Store](#)



2

Get started at no cost

- Speak to your SAP team about the workshops and process assessments available
- Check out your one - stop shop for [partner resources on Enterprise Automation](#)



3

Get hands-on

- Build a use case with SAP BTP [Free Tier version](#)
- [Activate your SAP Build entitlements](#) or SAP Signavio entitlements included in your RISE for SAP offering

Key Points to Take Home

- SAP Enterprise Automation is a solution that future proofs your journey to become an intelligent and automated enterprise
- Introduction to SAP Enterprise Automation components
 - Integrate everything with **SAP Integration Suite**
 - Automate completely with **SAP Build**
 - Improve continuously with **SAP Signavio**
- Enterprise Automation Use-Cases
 - Finance
 - HXM
 - Procurement
 - Sales
 - Sustainability
 - Utilities

Thank you! Any Questions?

Craig Stasila

[Linkedin.com/in/craigstasila](https://www.linkedin.com/in/craigstasila)

Please remember to
complete your session
evaluation.

SAPinsider



SAPinsider.org

PO Box 982Hampstead, NH 03841
Copyright © 2024 Wellesley Information Services.
All rights reserved.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies. Wellesley Information Services is neither owned nor controlled by SAP SE.

**SAPinsider
comprises the
largest and fastest
growing SAP
membership group
with more than
800,000 members
worldwide.**
