

The background of the slide is a blue-tinted photograph of a conference. In the foreground, several people are engaged in conversations. In the background, a large presentation screen displays the text "DevOps & Test Automation" and a list of bullet points: "• Automate CI/CD", "• Achieve Continuous Maintenance", "• Transform SAP", and "• Adopt Agile DevOps". To the left of the screen, a smaller sign reads "RIGHT DATA, RIGHT PLACE, RIGHT TIME".

# **Unleash Enterprise Innovation with Low-Code**

**Vanessa Micelli-Schmidt, SAP Build Lead Product Manager**

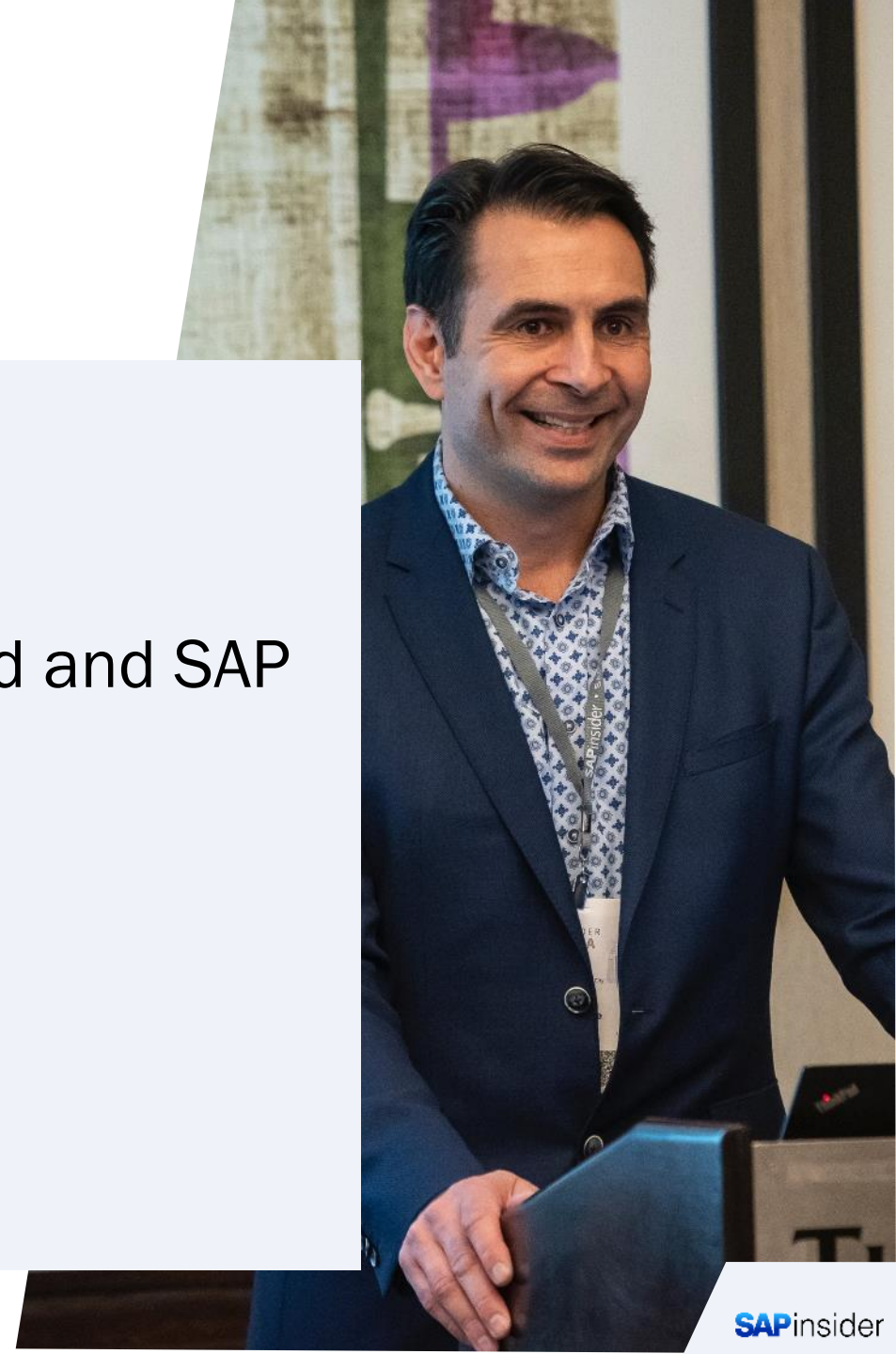
**Evgenii Gorbunov, SAP Build Product Manager**

**SAP**

**SAP**insider  
**2023**

# Agenda

- Why low-code?
- What is fusion development?
- App development with SAP Build and SAP Build Code
- Enterprise automation
- Wrap up



# Why low-code?

# Harness all resources to drive your transformation

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## Limited development resources

Shortage of developers will exceed

**4,000,000**  
by 2025

Source: IDC Market Perspective: Quantifying the Worldwide Shortage of Full-Time Developers, #US48223621, September 2021

## Low-code usage is already prevalent

**66%** of companies will use low-code to empower developers outside of IT by the end of 2023

Base: 2,452 Global Developers;  
Source: Forrester 2022 Developer Survey, June 2022

## Developers are embracing low-code

From 2022-2027 the share of low-code and no-code developers will **double**

Source: IDC Market Analysis Perspective: Worldwide Modern and Edge Application Development and Developer Trends, #US48601522, September 2022

## Professional developer

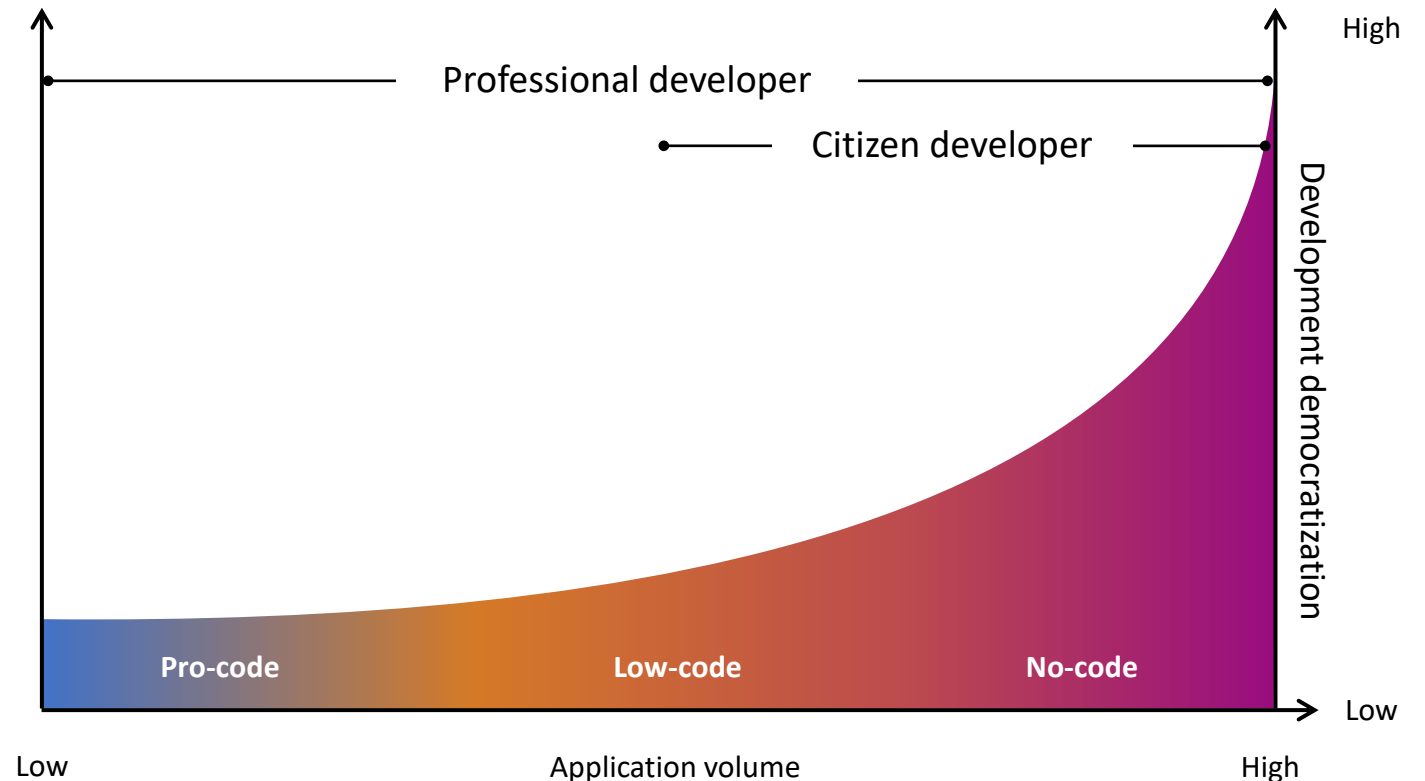
- Uses tools of choice to create cloud native applications and reusable services
- Designs, develops, deploys, tests, and hands over to production
- Understands the concept of a development lifecycle, testing, and versioning
- Ensures governance and security

## Citizen developer

- Creates low-code/no-code assets and customizations with close links to business contexts
- Learns through citizen development education and does not necessarily know about testing, go-live, versioning, lifecycle management
- Ensures governance and security through IT-sanctioned tools and platform-supported processes

# Speed up your transformation

Meet the growing application need by scaling development by empowering more employees



**What is fusion development?**





Like a conductor shapes the music by interpreting the composer's vision, the CIO ensures that each **fusion team performs in harmony.**





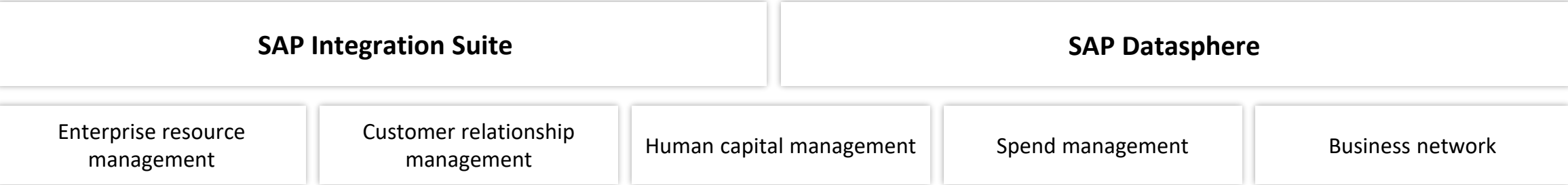
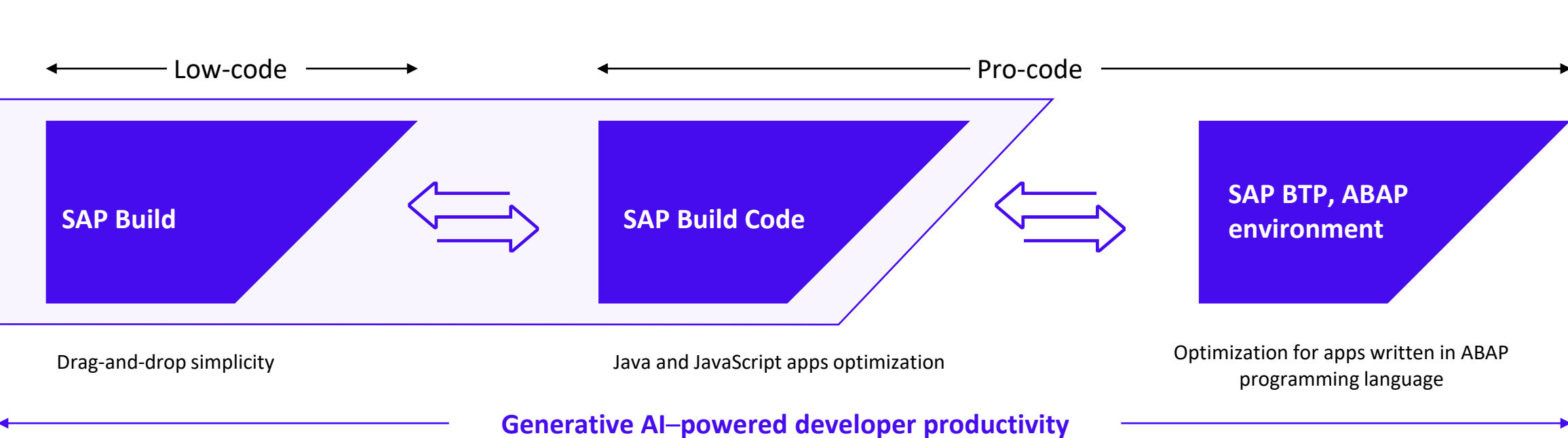
Fusion development is the concept of combining  
the **power of pro-code** with the **speed and  
simplicity of low-code**.



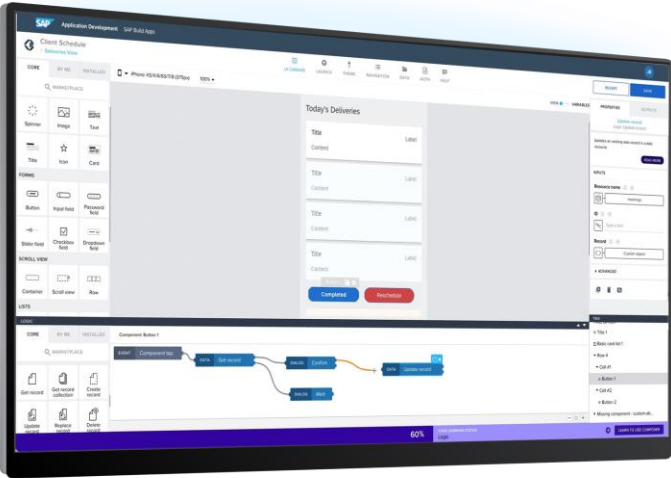
# **App development with SAP Build and SAP Build Code**

# Application development and automation on SAP BTP

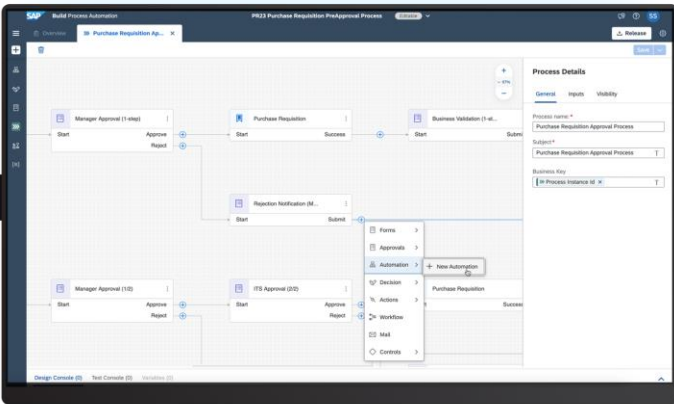
## Integrated solutions infused with generative AI



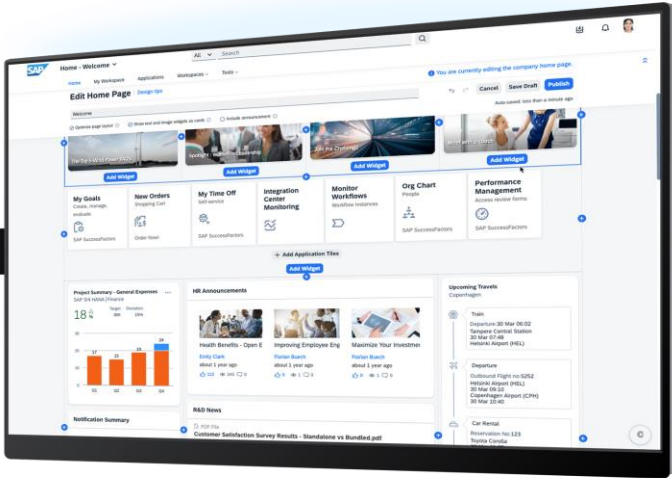
# SAP Build: Low-code development



SAP Build Apps



SAP Build Process Automation



SAP Build Work Zone

- ←

←

←
- Build visually

Integrate smoothly

Collaborate in fusion teams
- →

→

SAP Business Technology Platform

# The lobby area of SAP Build facilitates fusion development

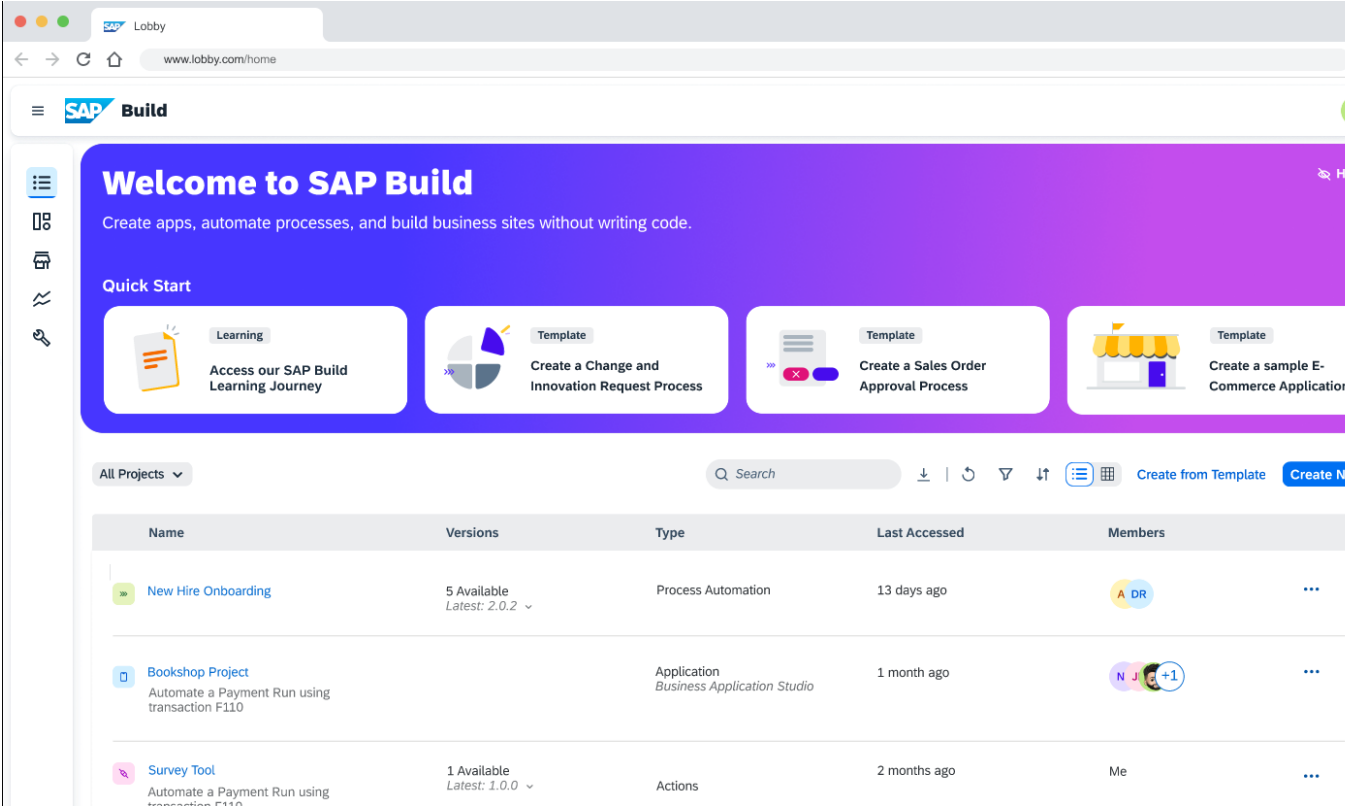
The SAP Build lobby is the **entry point for all citizen and professional developers** building on SAP Business Technology Platform (SAP BTP).

Unified lobby for app composability

Consume components created with pro-code solutions in SAP Build Apps, SAP Build Process Automation solution, and SAP Build Work Zone.

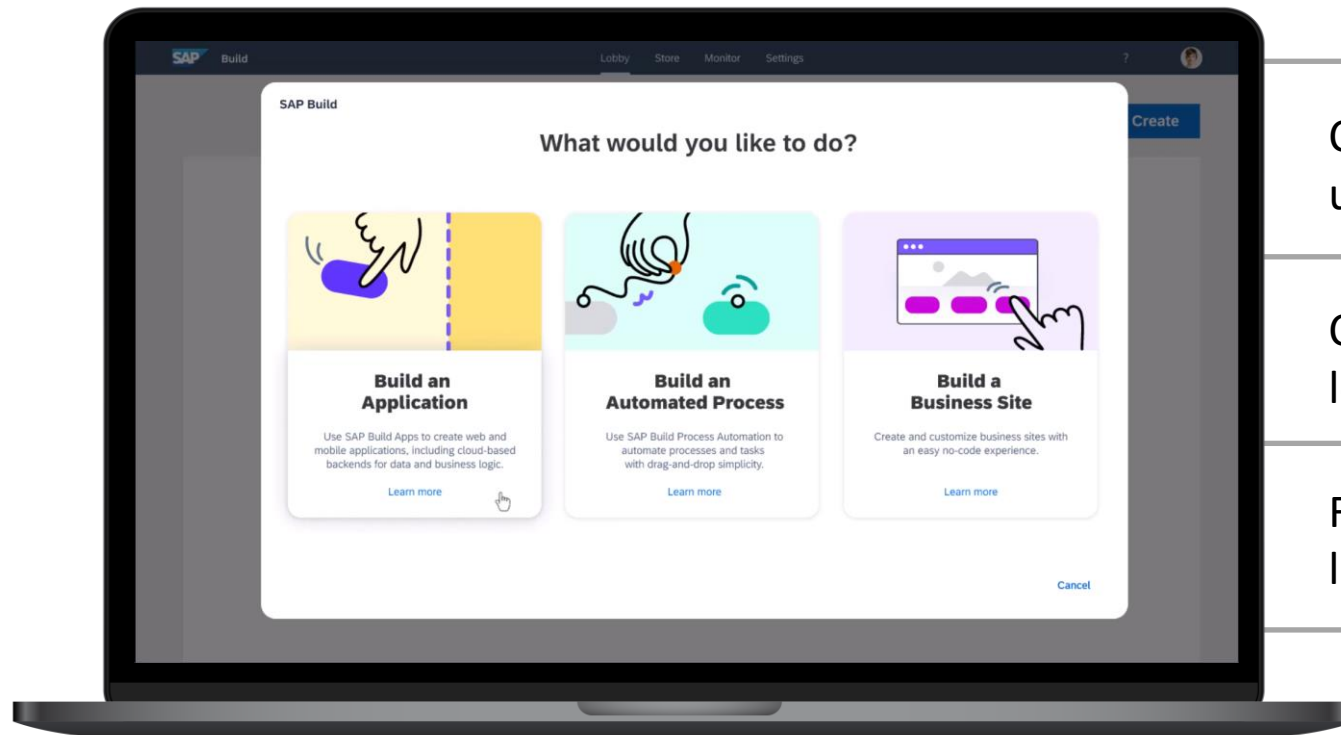
View and manage applications pipeline status.

View and manage projects source-code activities.





# Build and customize enterprise applications visually



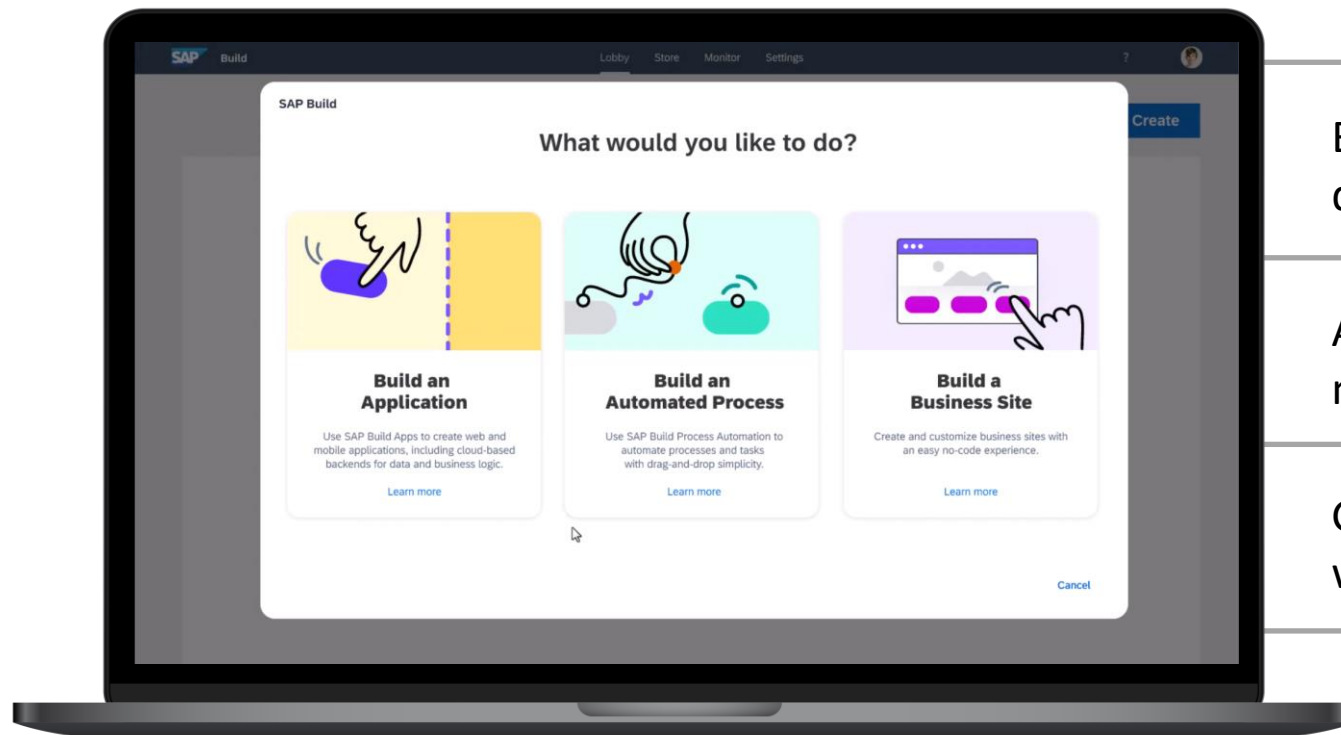
Create beautiful mobile and web user interfaces without coding

Create data models and business logic visually

Foster fusion team development with lifecycle management & governance

**SAP Build Apps**

# Simplify process automation



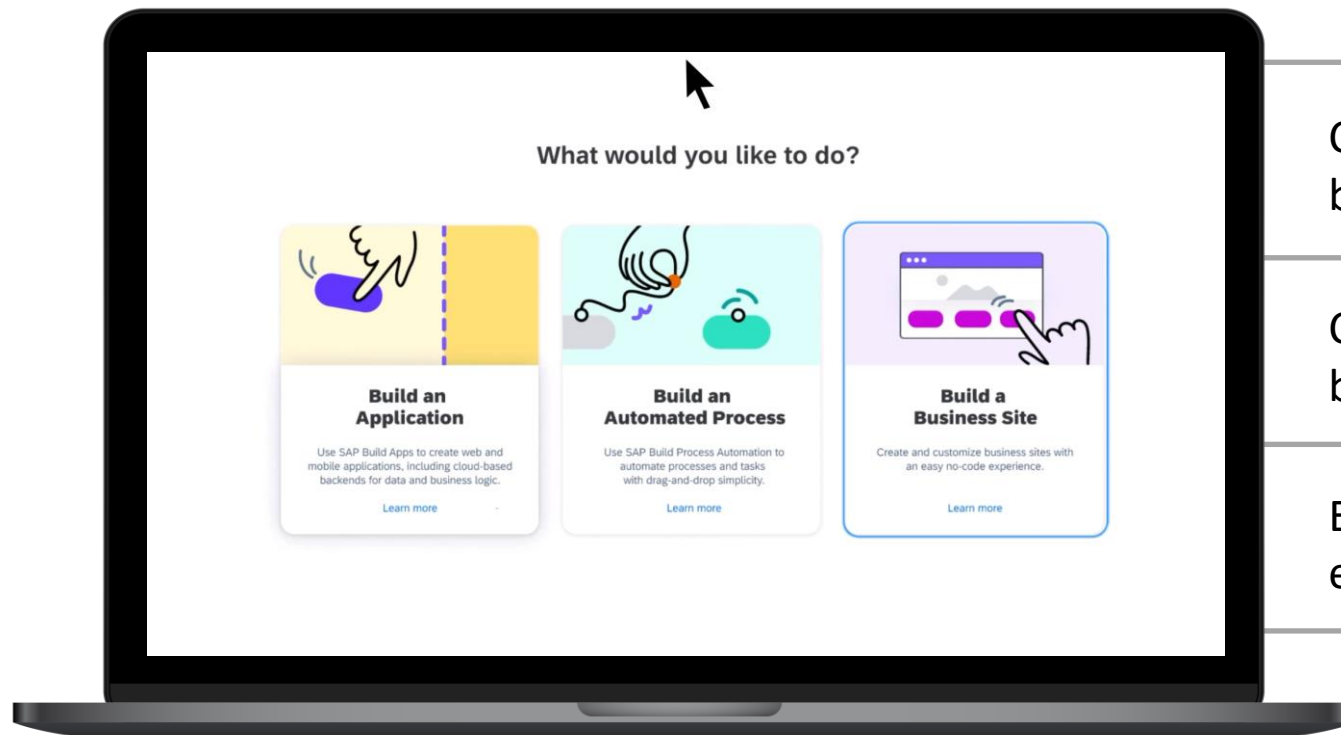
Build with ease using visual drag-and-drop tools

Automate faster with workflow management, RPA, and AI capabilities

Get started with 1,300+ industry specific workflows and automation components

**SAP Build Process Automation**

# Design business sites intuitively



Create personalized and engaging business sites

Connect enterprise apps with pre-built integration cards

Enhance team productivity with guided experiences and knowledge sharing

**SAP Build Work Zone**

# SAP Build Code: Application development for professional developers

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**Extend SAP Solutions**



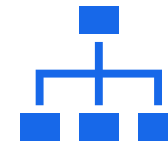
**Build SAP Fiori web apps with  
SAPUI5 and SAP Fiori elements**



**Build cross-platform  
mobile apps**



**Develop SAP HANA  
native applications**



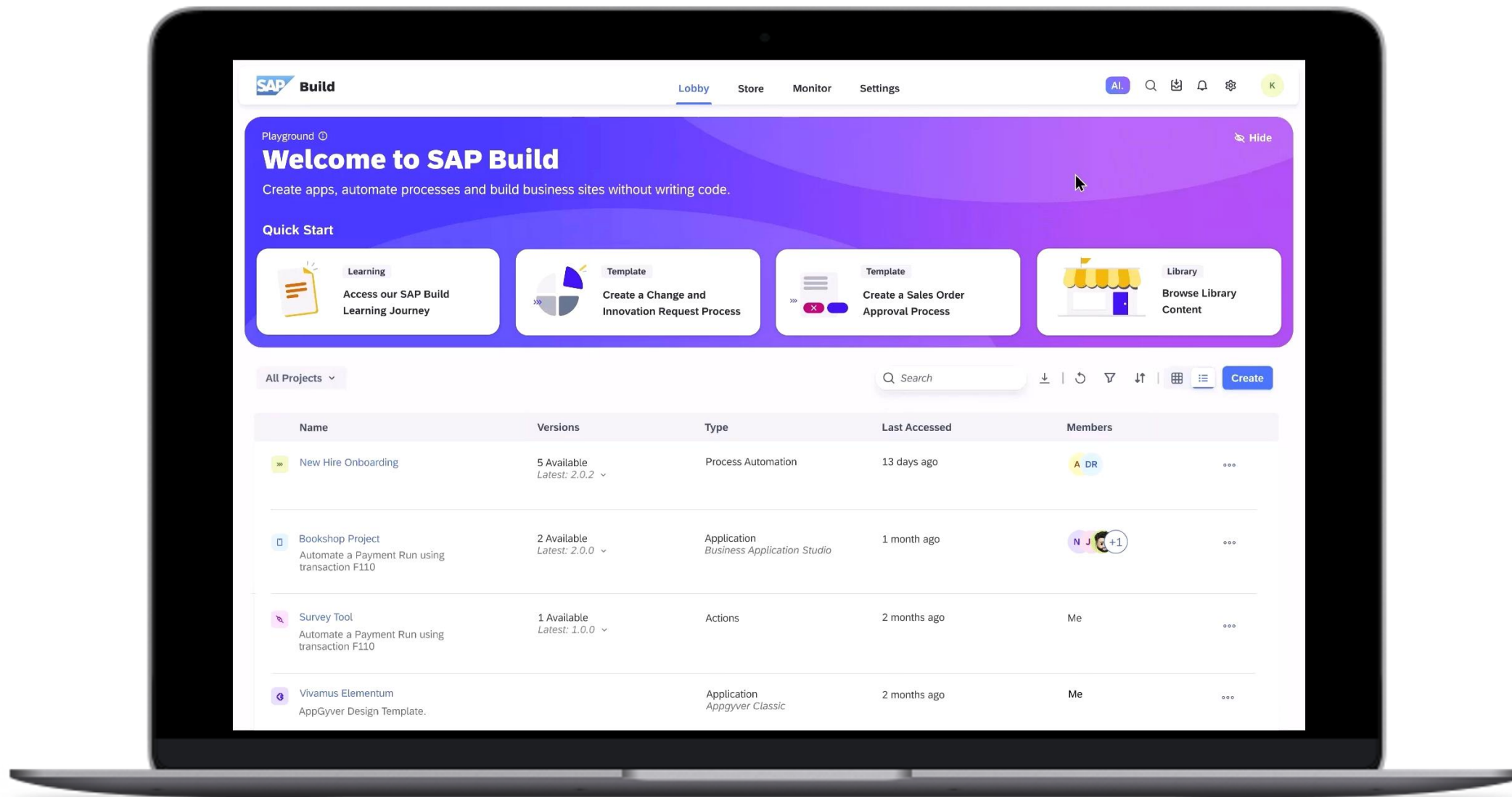
**Build multi-tenant  
SaaS applications**

# Generative AI



# Generative AI in SAP Build

Lab preview



# Adapt rapidly with AI

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

## 1 Use built-in AI to accelerate AI adoption in your business processes

- Use **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 with **AI-powered flow step suggestions**

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

- Integrate with **vision AI models** to process handwritten 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**

Items

Product:

Quantity:

Add

Product	Quantity	Net Amount	Tax Amount	Gross Amount
The product list is empty, you can add products by adding them above.				

Customer

Customer ID

One-time customer

Create Account


Payment


Net Price:


Tax:

Total:

Payment Method

  
Cash  
☒

  
Credit Card  
☐

  
Invoice  
☐

Check Out

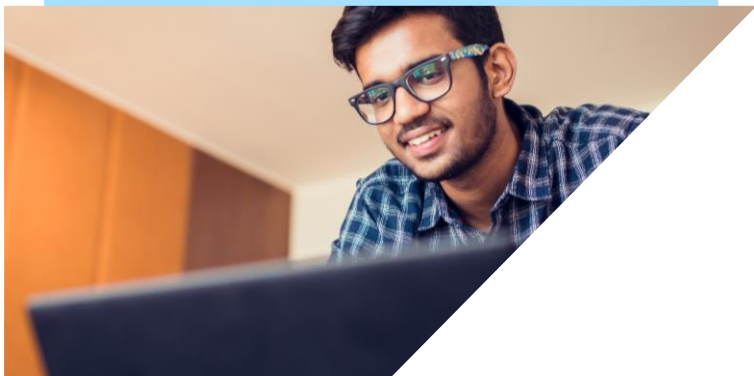
Manage Customer Returns

Manage Sales Orders

Manage Billing Document

# Summary: SAP Build and SAP Build Code

Build rapidly with AI-based code/process generation, recommendations, etc.



Generative AI-powered app or process development

Turnkey environment for coding, testing, integrations, and application lifecycle management

Guided experiences and prebuilt templates to quickly build full-stack, back-end, and mobile apps

Gain tailored functionality for SAP solution development



Prebuilt integration with SAP and third-party solutions

Trusted, enhanced security for authentication, authorization, and data protection

Extensibility for SAP S/4HANA and other solutions

Enhance fusion development



More-secure collaboration between professional and citizen developers

App composability across SAP Build and ABAP-developed solutions

Unified governance and simplified application lifecycle management

# Governance

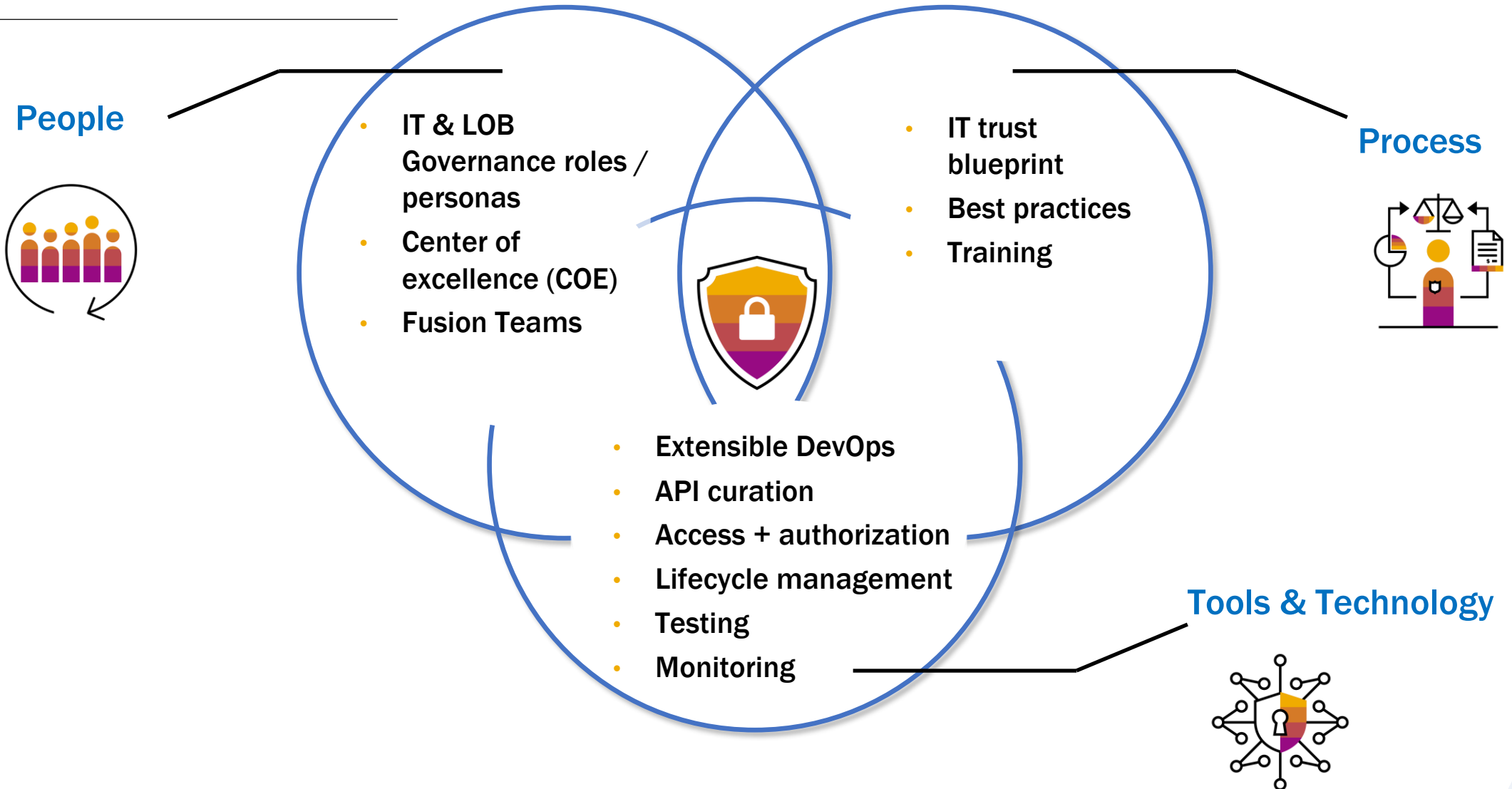




## Adapt governance as the score

Governance fits the evolving needs of the organization and ensures that the orchestra (organization) can **navigate complex compositions** (challenges) and transitions smoothly.

# Establishing IT Trust of Citizen Development | The Governance Triad



**What's enterprise automation and why would I need it?**

And just like the conductor ensures that all instruments **are in sync**, the CIO needs to take care of the same regarding the systems.



# Why enterprise automation?

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You've invested in multiple automation initiatives.



But they may be disjointed or not driving full impact.



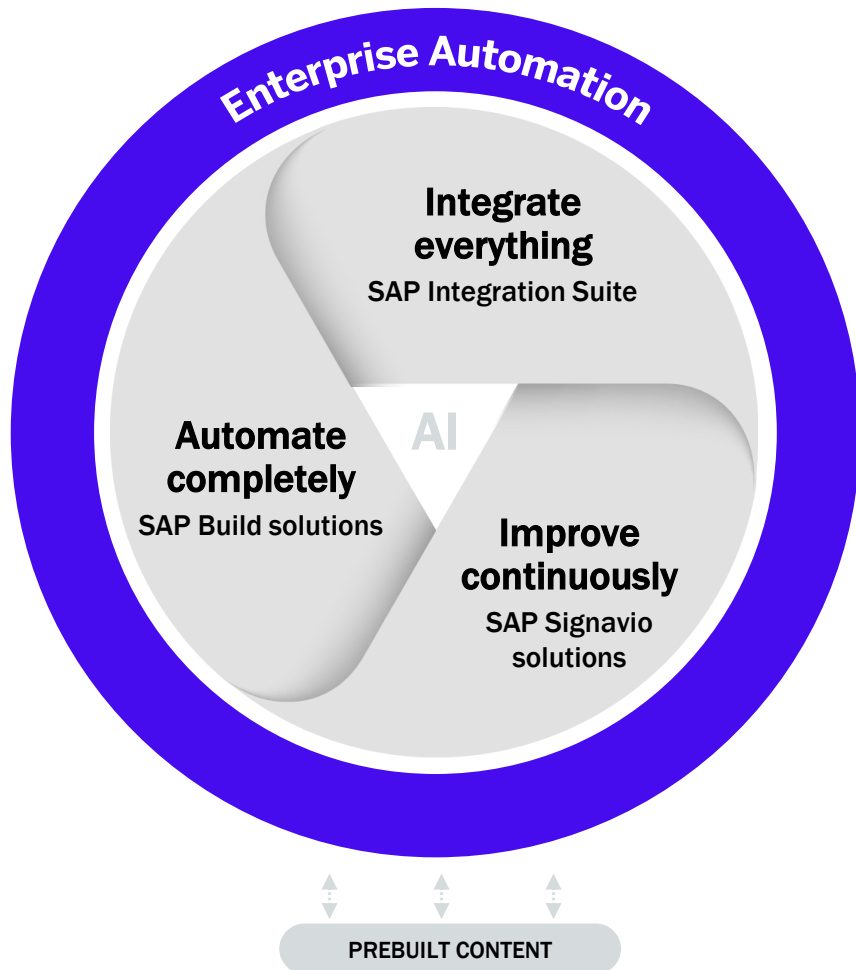
Enterprise automation identifies, models, and automates business and IT processes with AI-powered tools.



# **How SAP delivers enterprise automation**

# Enterprise automation with SAP

## Future-proof your journey to become an intelligent and automated enterprise

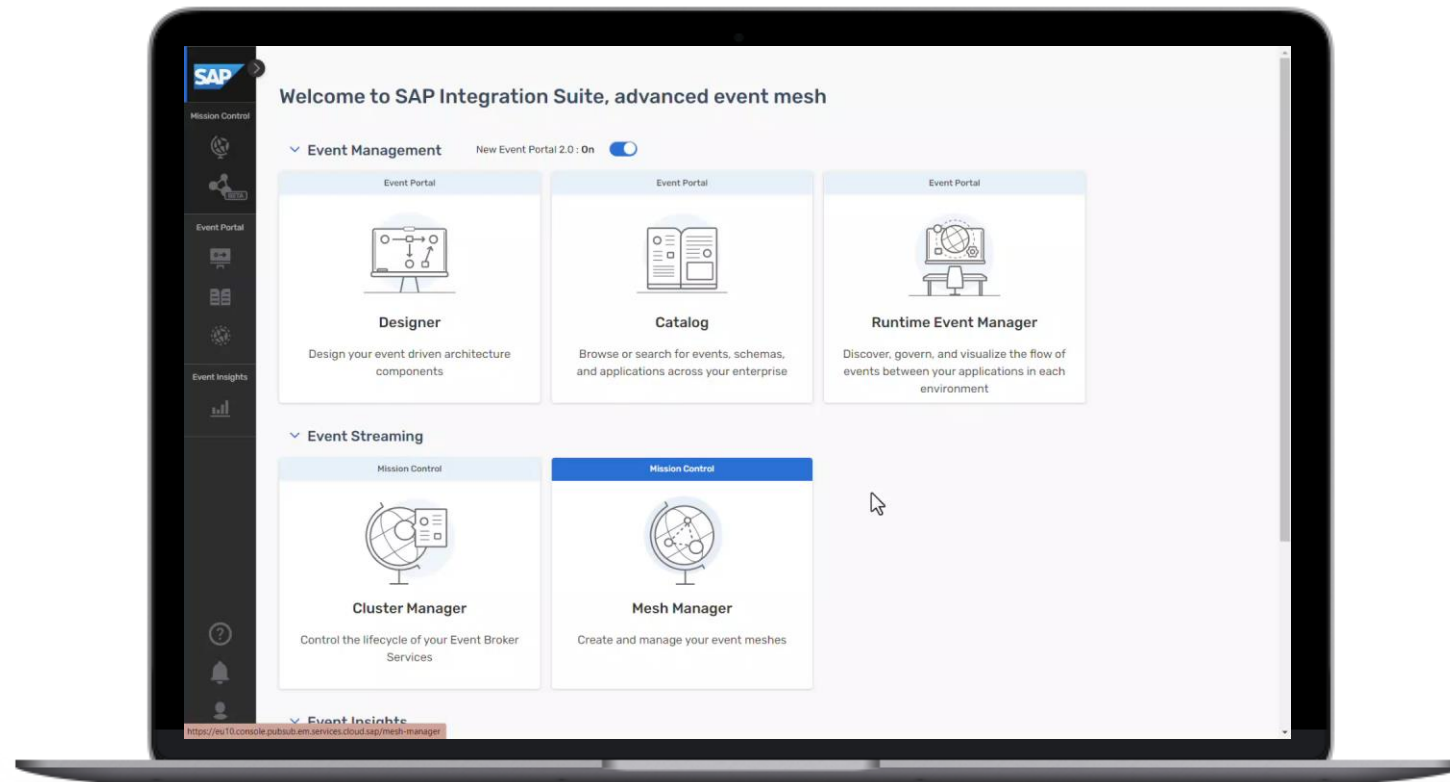


Integrate applications, discover inefficiencies, and automate processes across heterogenous environments.

# Integrate everything

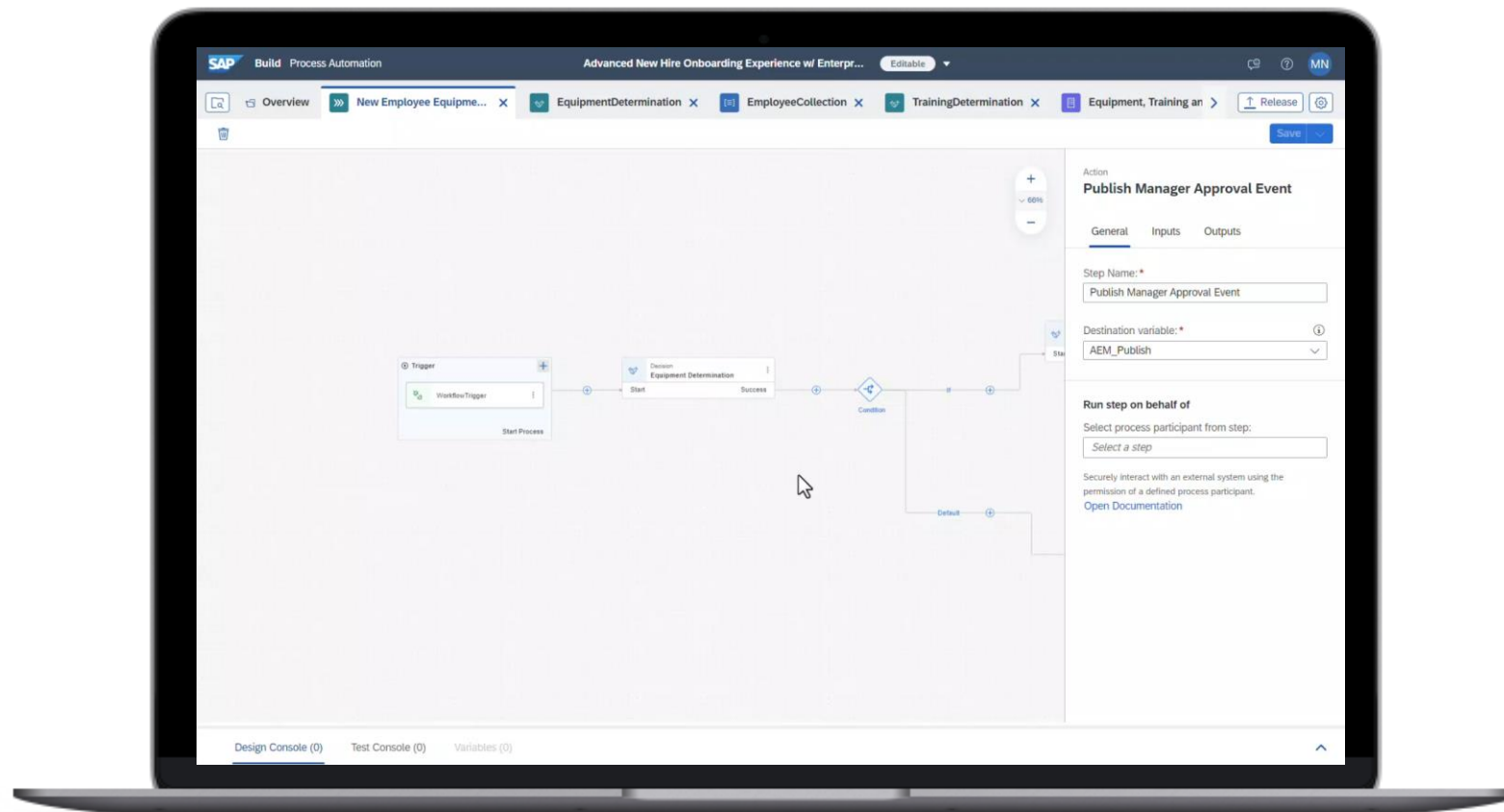
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Automation begins with integration. **SAP Integration Suite** is a single solution for all your integration needs.



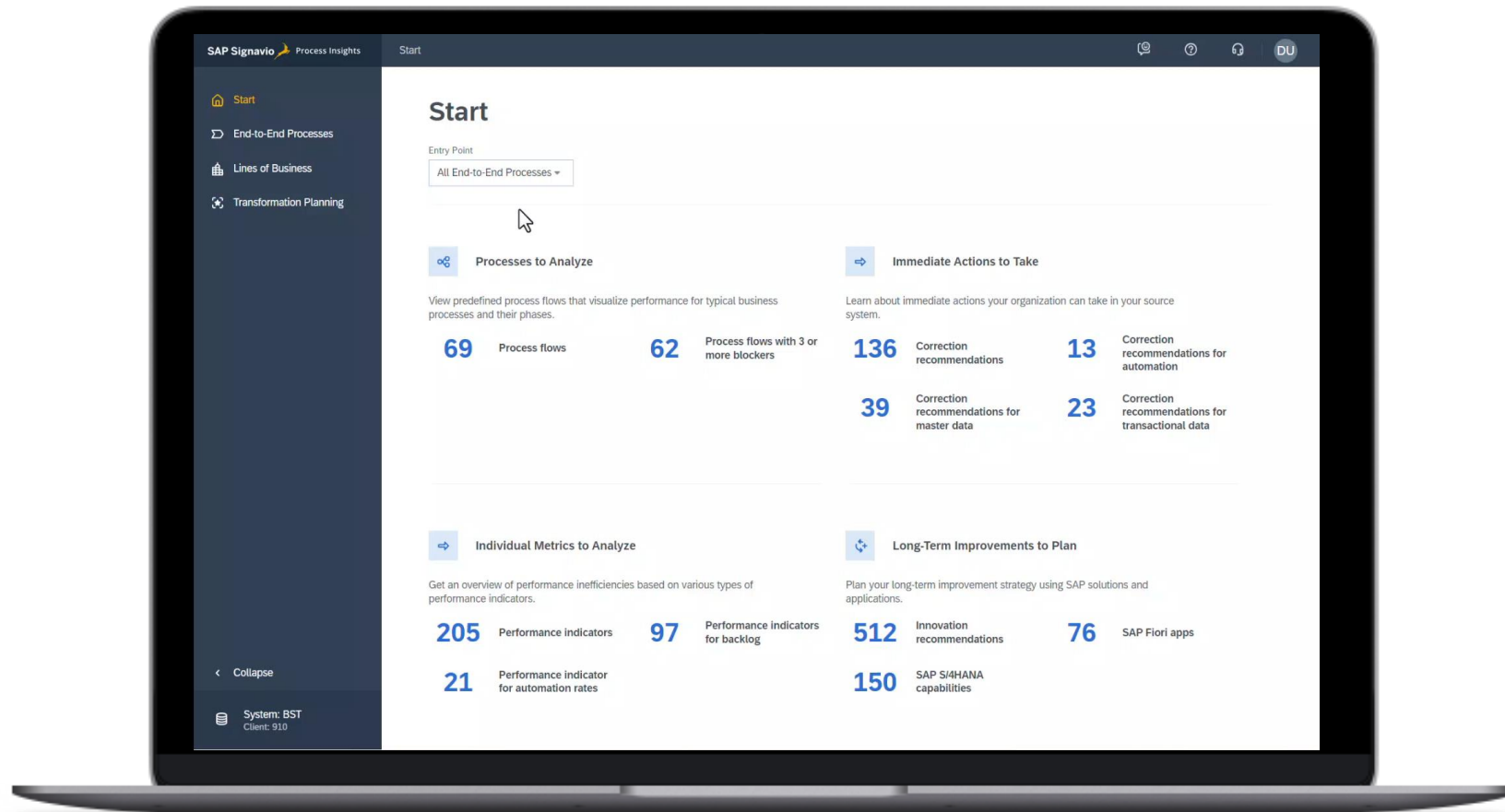
# Automate completely

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



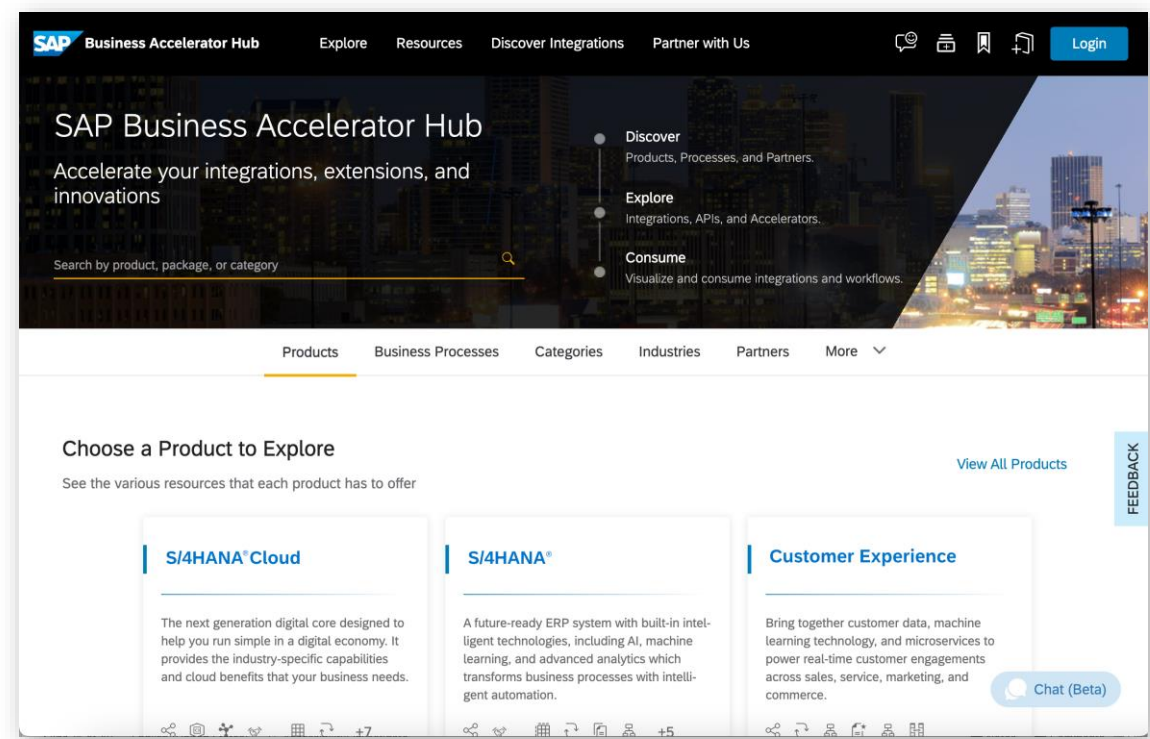
# Improve continuously

Automate what matters. **SAP Signavio** helps identify opportunities for automation and act on insights.



# SAP Business Accelerator Hub

## Prebuilt content to jump-start your creation process



Fully maintained & updated by SAP

3,200+  
Prebuilt integrations

300+  
Business events

1,200+  
Automation content



[Visit the SAP Business Accelerator Hub](#)

# Customers succeeding with enterprise automation

Avaya

**300%**

Increase in productivity and effectiveness

in audit process and incident management tracking

[Watch the customer story](#)

Blue  
Diamond  
Growers

**\$1 million**

Savings in annual transportation expenses

[Watch the customer story](#)

Mahindra  
and  
Mahindra

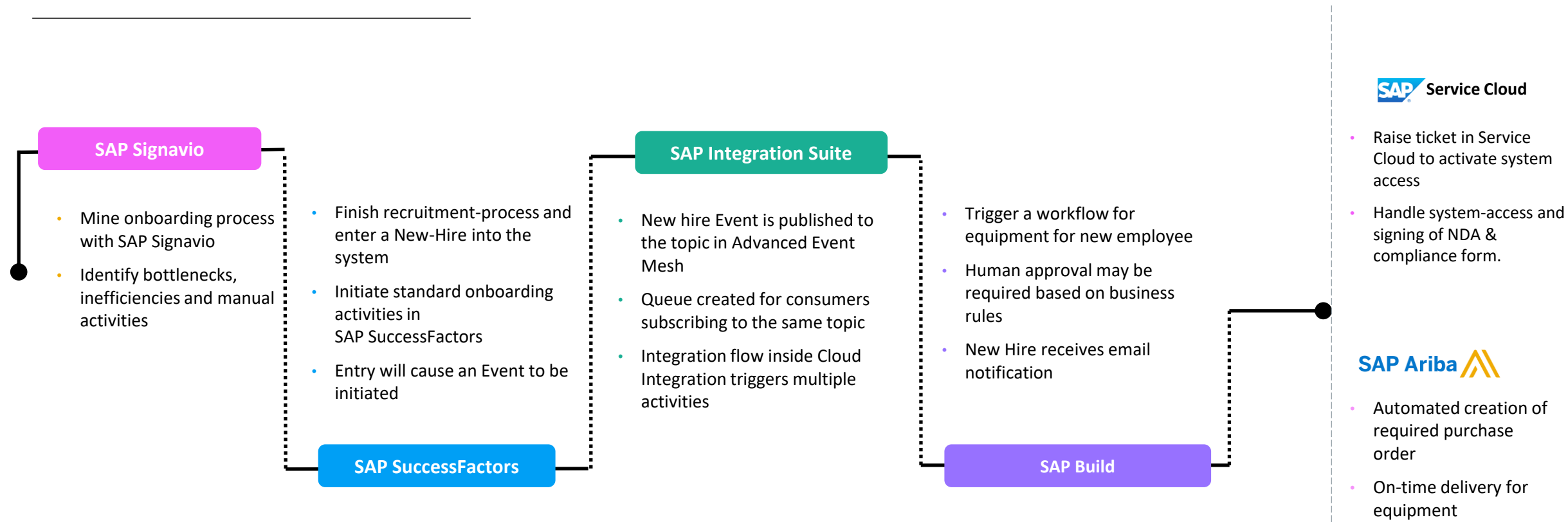
**20%**

Faster execution of the jobs (backorder processing, MRP, data extractions)

[Read the customer story](#)



# 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

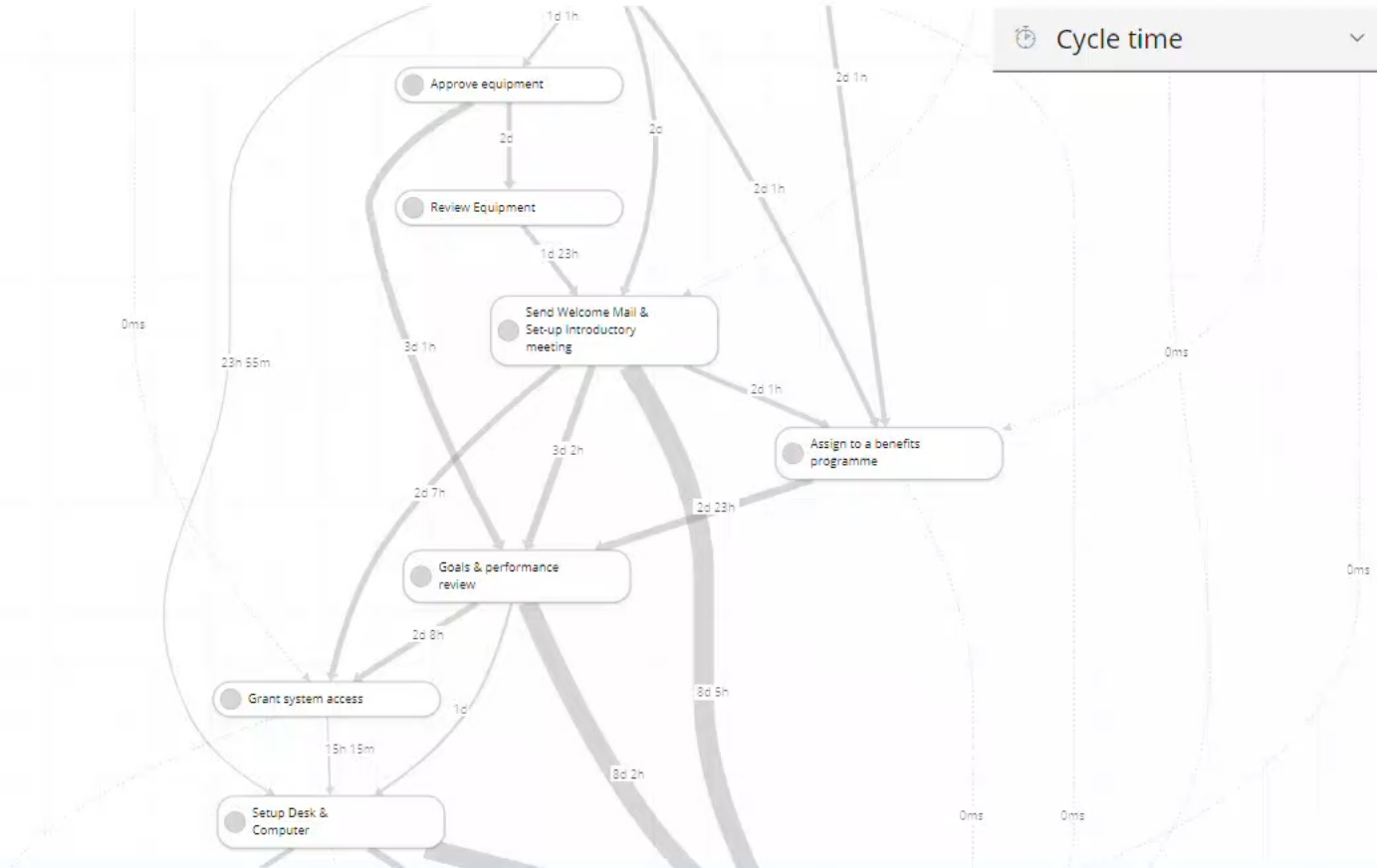
- New-Hire Experience - Enterprise Automation
  - Conformance
  - Overview
  - Breakdown
  - Employee Journey
  - New chapter

# New-Hire Experience - Enterprise Automation

100%13.3k

## Process Discovery





Cycle time

Activities100%

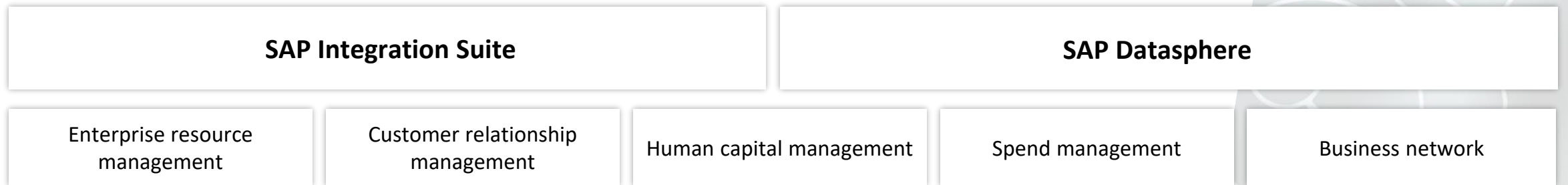
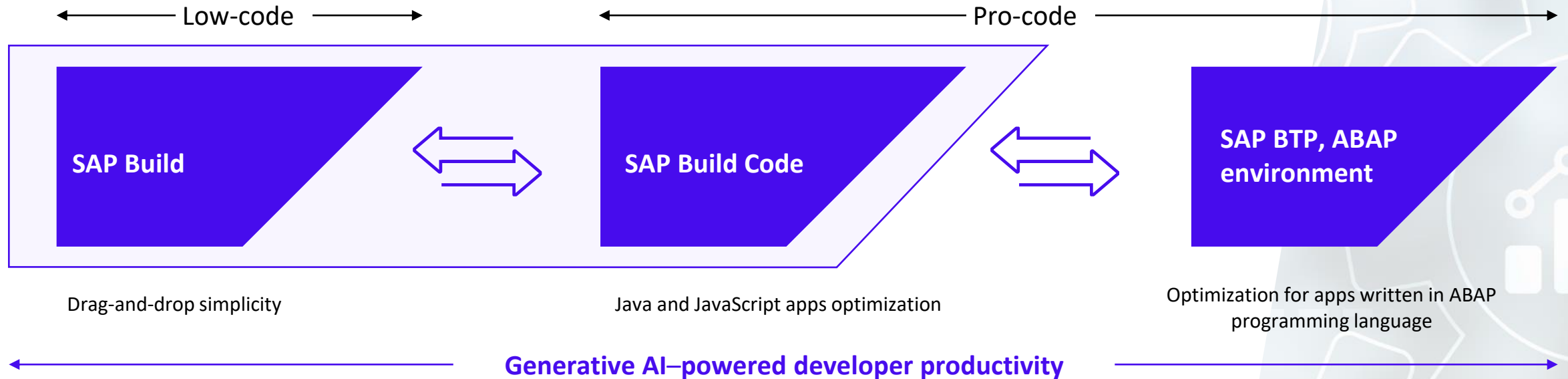


Paths100%



# Wrap up

# Wrap up



# Where to Find More Information

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- SAPinsider.org
- <https://www.sap.com/products/technology-platform/low-code.html>
  - SAP Build
- <https://www.sap.com/products/technology-platform/developer-tools.html>
  - SAP Build Code
- <https://learning.sap.com/products/sap-build>
  - SAP Build Learning Journey
- [https://help.sap.com/docs/SAP\\_BUILD](https://help.sap.com/docs/SAP_BUILD)
  - Help documentation

# Key Points to Take Home

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- Low code tools and fusion development democratize innovation and development and allow to speed up your transformation journey
- Application development with SAP Build and SAP Build Code ensures engaging the maximum of your workforce depending on their skill level and solution needs
- Enterprise automation brings fusion development to life and ensures maximum efficiency of end-to-end automations

# Thank you! Questions?

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Vanessa Micelli-Schmidt, SAP Build Lead Product Manager  
Evgenii Gorbunov, SAP Build Product Manager

Please remember to complete  
your session evaluation.





## SAPinsider.org

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