



SAP® PartnerEdge®

Partner Certification Academies for SAP BTP Low-Code/No-Code Developer - SAP Build **Develop and automate with SAP Build**

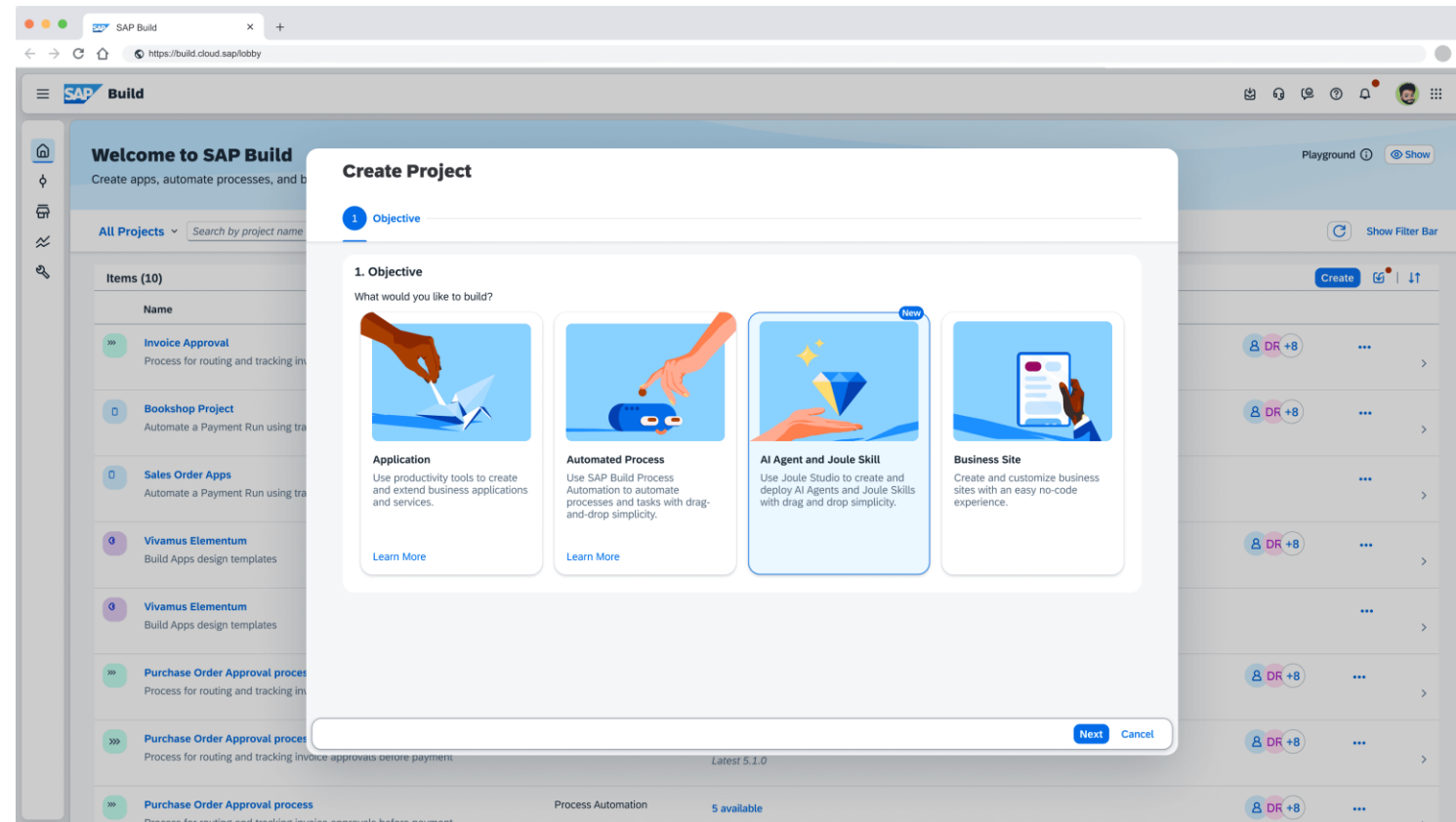
FOR INTERNAL SAP AND PARTNER USE ONLY

Speaker: Sindy Zhan, SAP
Slides: Milton Chandradas, SAP

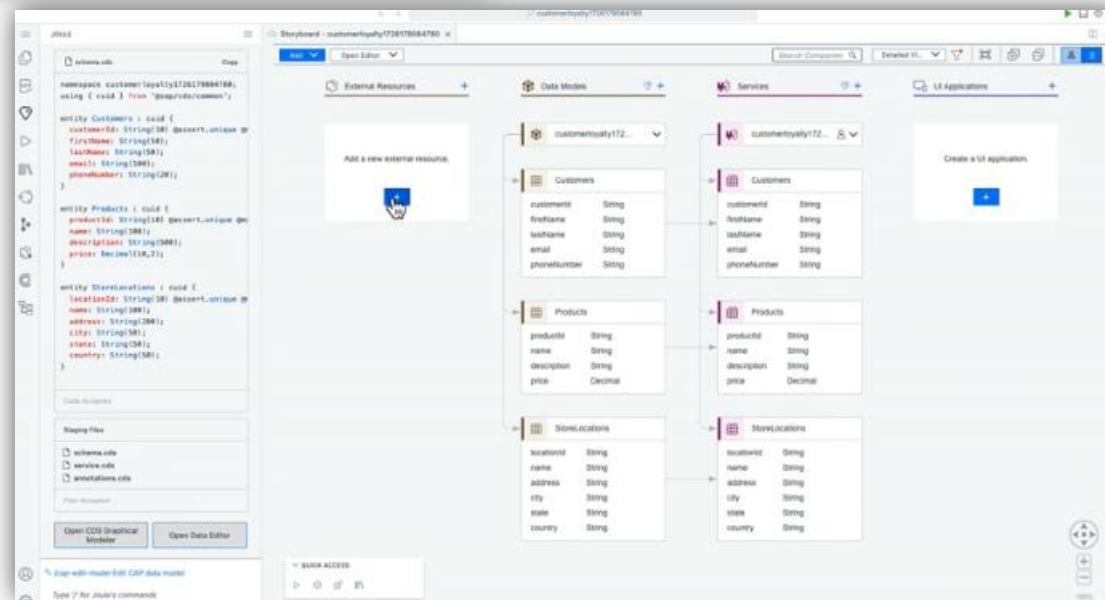
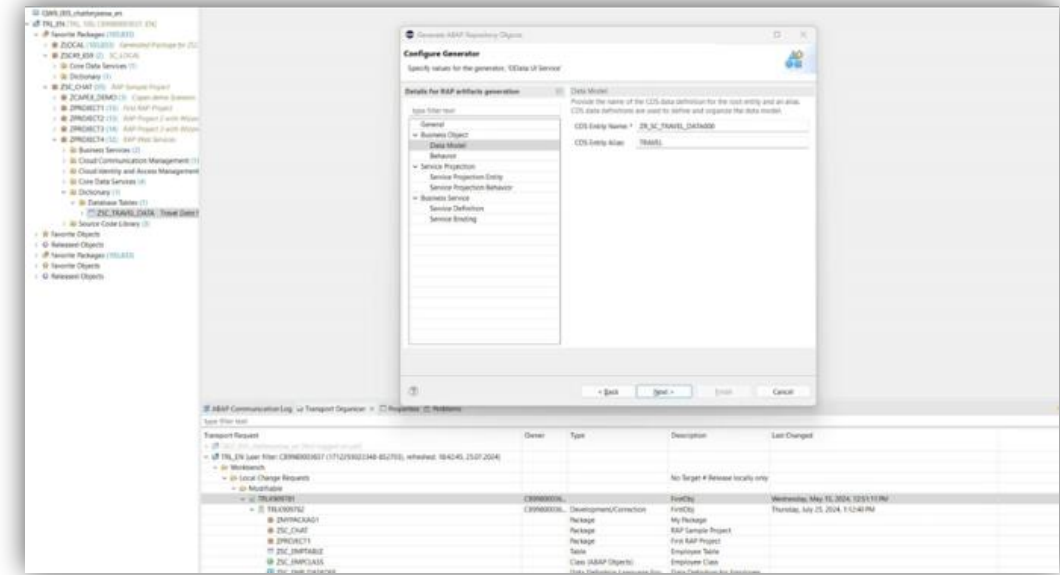
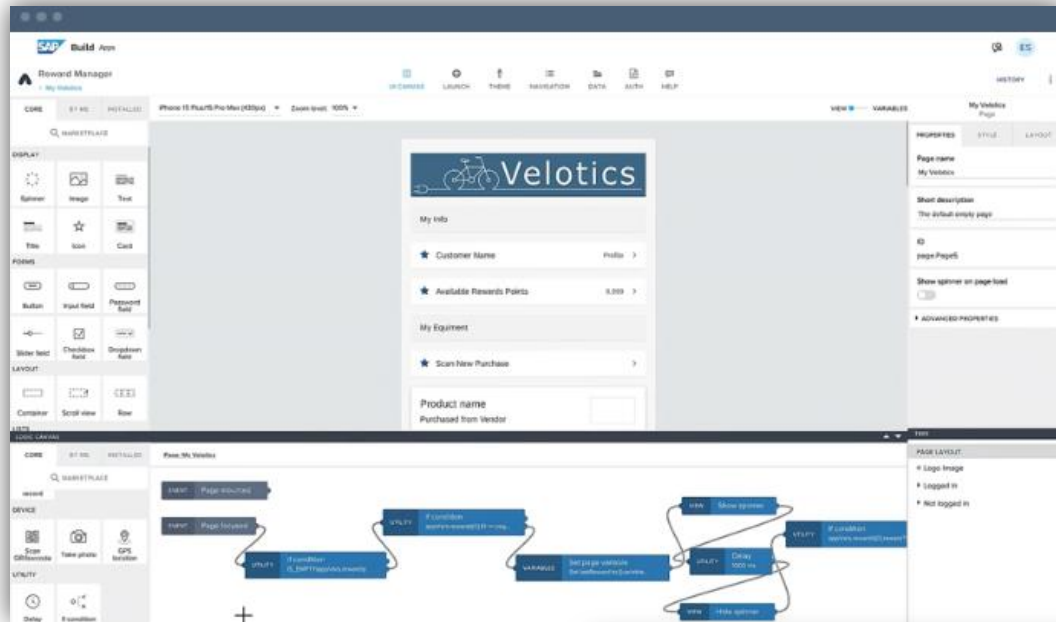
SAP Build

Develop apps and automations 3x faster using pro-code, low-code, and AI tools.

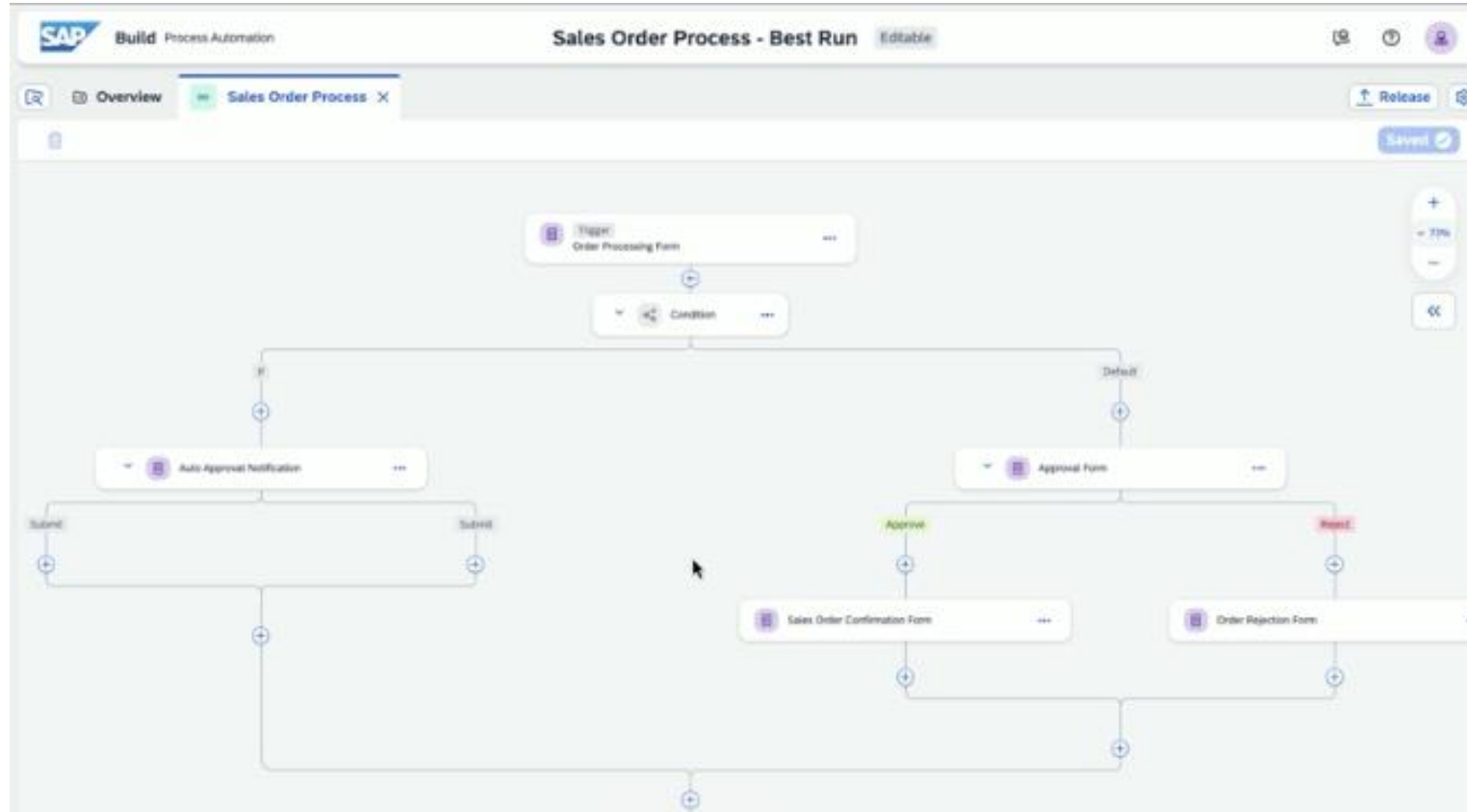
- Application Development
 - ABAP
 - Java and JavaScript
 - Low-Code
- Process automation
 - Process automation
 - robotic process automation (iRPA)
- Digital workspace
 - apps launchpad
 - business sites
 - digital workspaces for HR
- AI agents
 - Joule Studio



SAP Build Apps



SAP Build Process Automation



SAP Build Work Zone

The screenshot displays the SAP Build Work Zone interface for an employee. The top navigation bar includes the SAP logo, 'My Employee Space - Employee Services', and a search bar. Below the navigation bar, the 'My employee space' tab is selected, showing a '1. Person or Service' section with radio buttons for 'Person' (selected) and 'Service', and a 'Step 2' button. A row of four tiles represents 'Your Personal Information', 'Your Job Information', 'Your Development & Work Self', and 'Documents'. Below these is a 'Your Progress' section with 'My Goals' (3 goals, 77% target) and a bar chart. To the right, the 'Projects in Execution' table shows four projects with their overall and budget statuses.

Name	Description	Overall Status	Budget Status
L10001	Building Extension	On Track	On Budget
L10003	Cargo Terminal Construction	Critical	Budget Exceed
L10004	Warehouse Construction	Delayed	On Budget
2019-MAK05	Markdorf New Office Building	Delayed	On Budget

Joule Studio

Logistics Agent

Test Chat

Timeline

- Start
 - Initiate
 - User Prompt
 - Logistics Agent
 - User Prompt
 - Logistics Agent
 - Start
 - Plan
 - Agent
 - read-document-it-consultation
 - parse-data-with-automation

Design Console [0]

Logistics Agent

Test Chat

Timeline

Details

Agent Thought:
I use the Transport Initiation and Tracking skill to initiate a carrier selection process and receive the tracking information for the order.

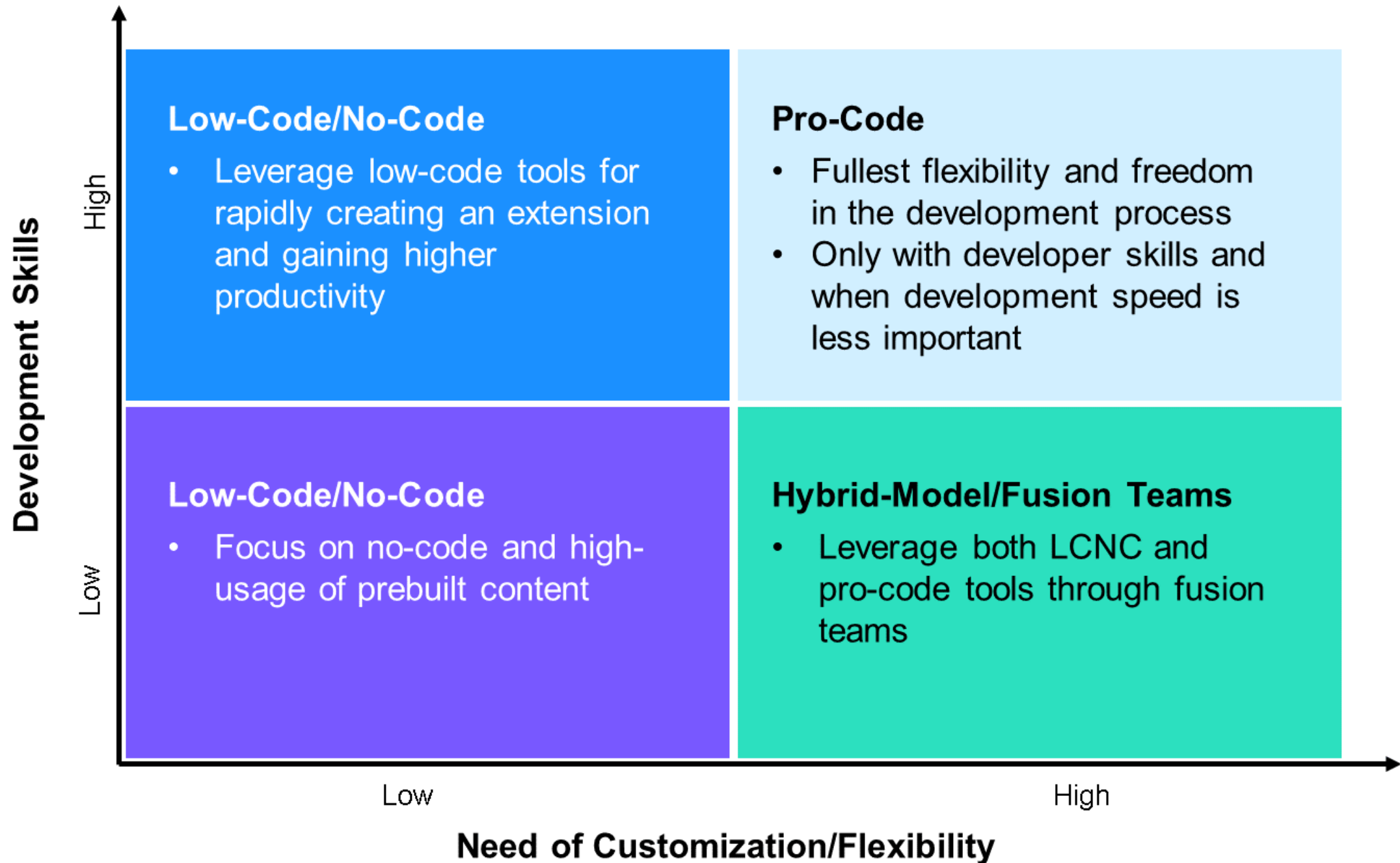
Inputs:

- purchaseOrder: "P023454512"
- carrierID: "DHL"
- pickupDate: "2023-05-22"
- originLocation: "Hamburg, Germany"
- destination: "Munich, Germany"
- description: "electronics device"

Outputs:

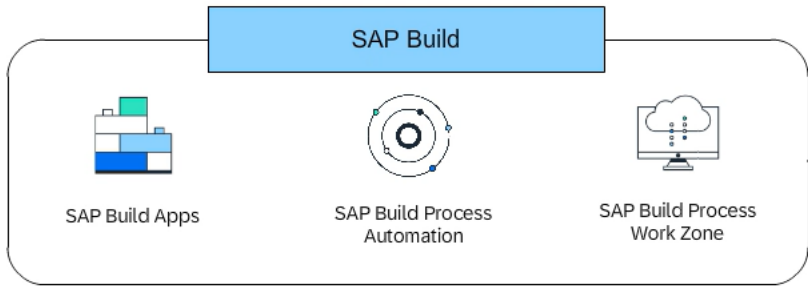
- transportationID: "T2345678910"
- Carrier
 - Name: "DHL"
 - carrierID: "DHL02"
 - Region: "EMEA"
- Status: "processing"
- carrierResponse: ""
- trackingNumber: "5050450000"


Design Console [0]







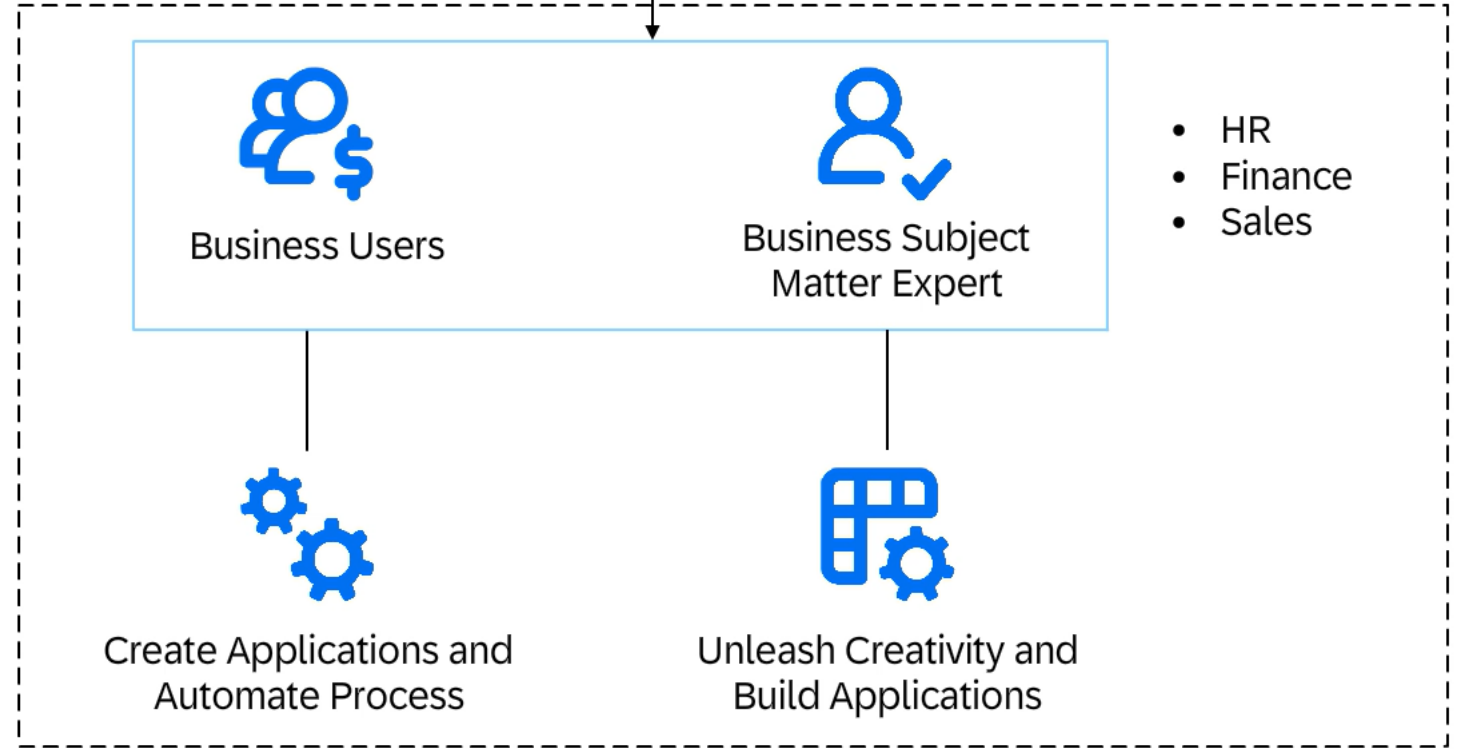
Citizen Developers



 Creates and publishes low-code or no-code apps and customizations

 Learns through citizen development education

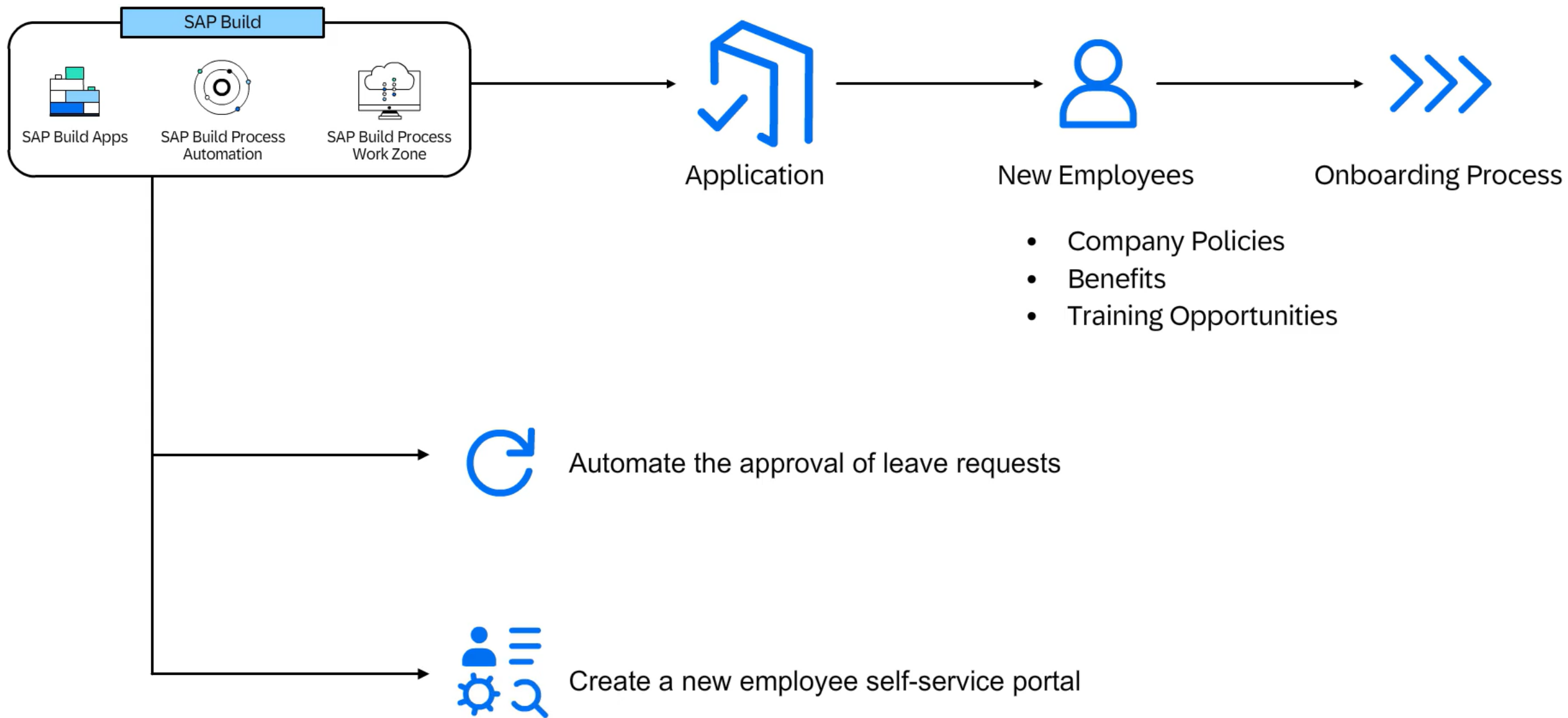
 Ensures governance and security



Digital Transformation



Improve Business Processes



Problem statement: Low-code tools revolutionize the application and process development experience, but must be managed to avoid shadow-IT and establish trust between citizen developers and corporate IT.

IT Organization

- Wants to ensure security and compliance
- Reduce risk of proliferation by citizen developer
- Avoid shadow-IT

Low-code Developer

- Work within a scalable governance framework appropriate for the use case risk level and skill level of the citizen developer
- Flexibility for development and scaling
- Enablement and support

Pathway to low-code developer activation and empowerment



Engage stakeholders early

Utilize great governance practices and tooling

Training, certification, support for citizen developers, pro-dev collaborators

Robust, concise and easy-to-access documentation

Avoid Shadow-IT

Shadow IT refers to the use of information technology systems, software, devices, applications, or services **without explicit approval, oversight, or management by the central IT department**

Security risks

- Lack of oversight, data leaks, compliance issues

Integration challenges

- Incompatible systems, duplicate efforts

Data governance and integrity

- Inconsistent data

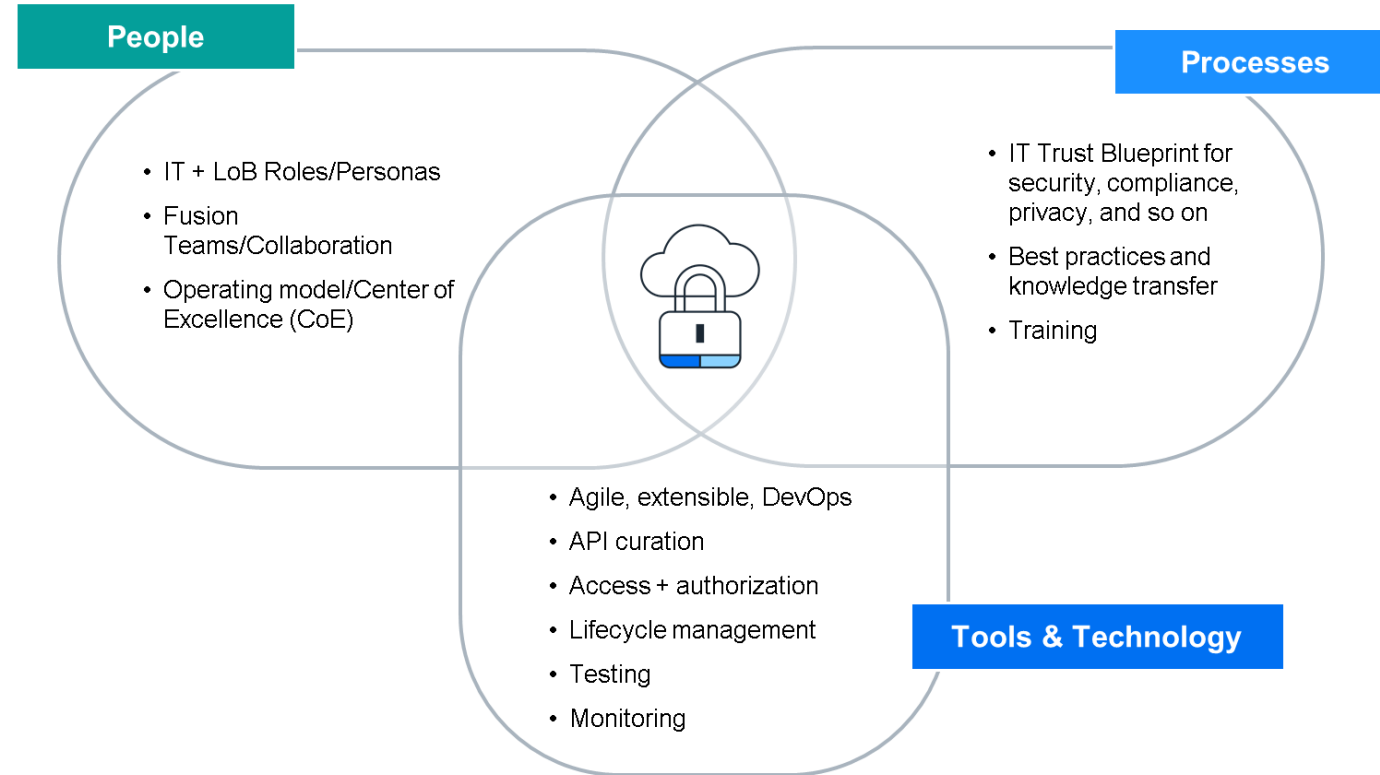
Lack of centralized governance

- No visibility for IT, difficulties in scaling

Governance Triad

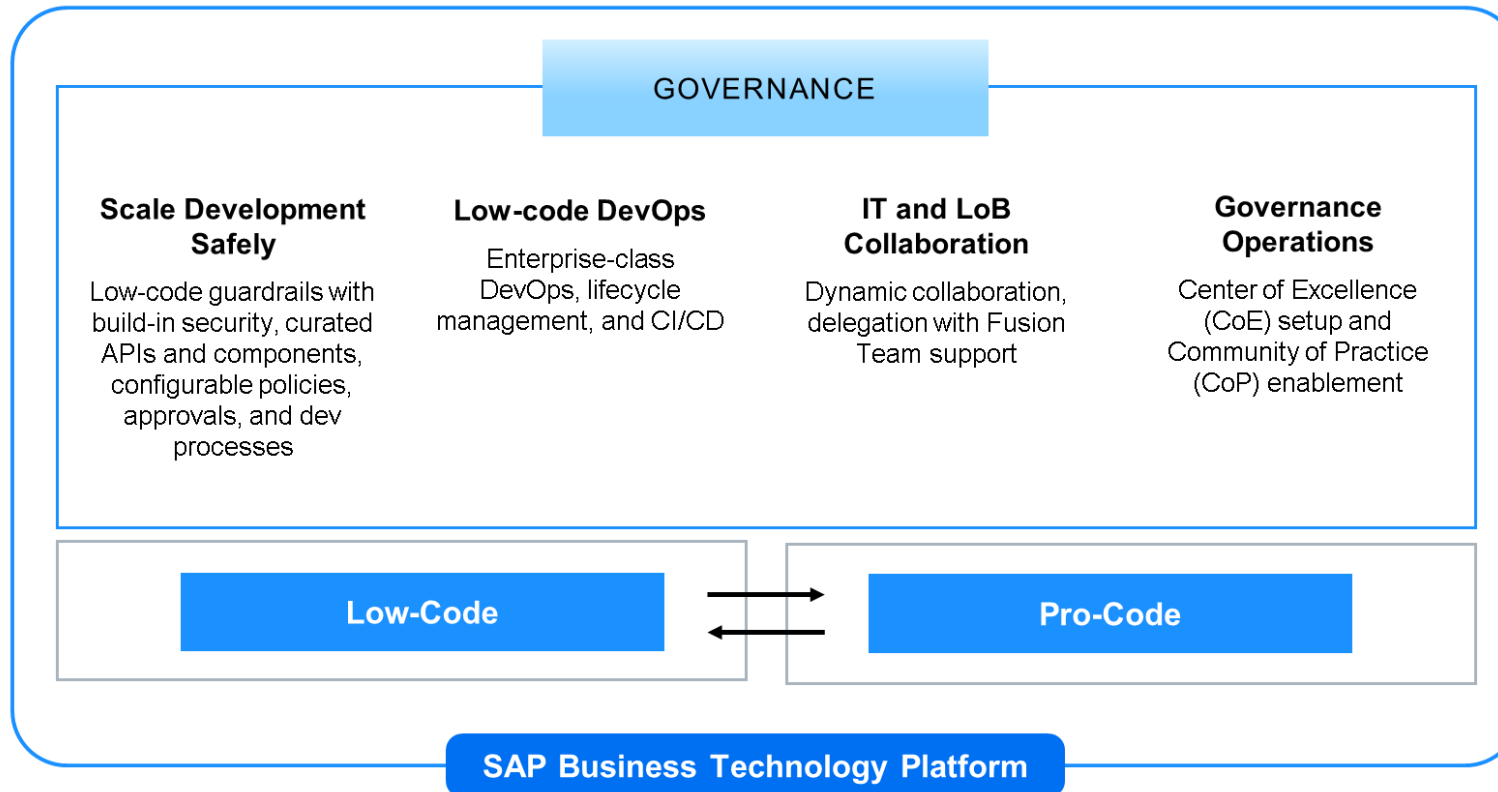
Governance of low-code platforms and citizen development can mitigate these risks

- Security risks
- Compliance issues
- Lack of integration
- Inefficient resource utilization/risk of proliferation and redundancy
- Unsupported solutions
- Loss of control



Governance in SAP Build

All three elements of the governance triad (people, processes, technology) are ultimately governed by the IT organization



Pre-built Digital Center of Excellence Toolkit

Set of prebuilt artifacts that can be used to quickly establish a governance program and a SAP Build CoE

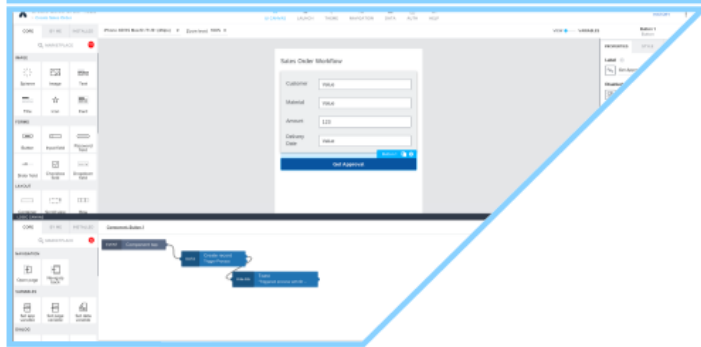
Helps IT admins to manage and collaborate with citizen developers

Create an entry point for everything low-code builders need to be successful

SAP Build Portfolio

SAP Build enables everyone no matter their skill level to create and augment enterprise applications, process automations and business sites with drag-and-drop simplicity.

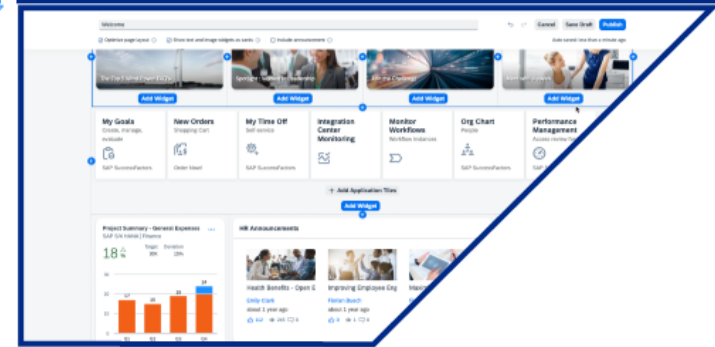
SAP Build Apps



SAP Build Process Automation



SAP Build Work Zone



Build visually

Integrate seamlessly

Collaborate in fusion teams

Build an Application

Use SAP Build Apps to create and deploy applications for mobile devices, including configuring cloud functions.

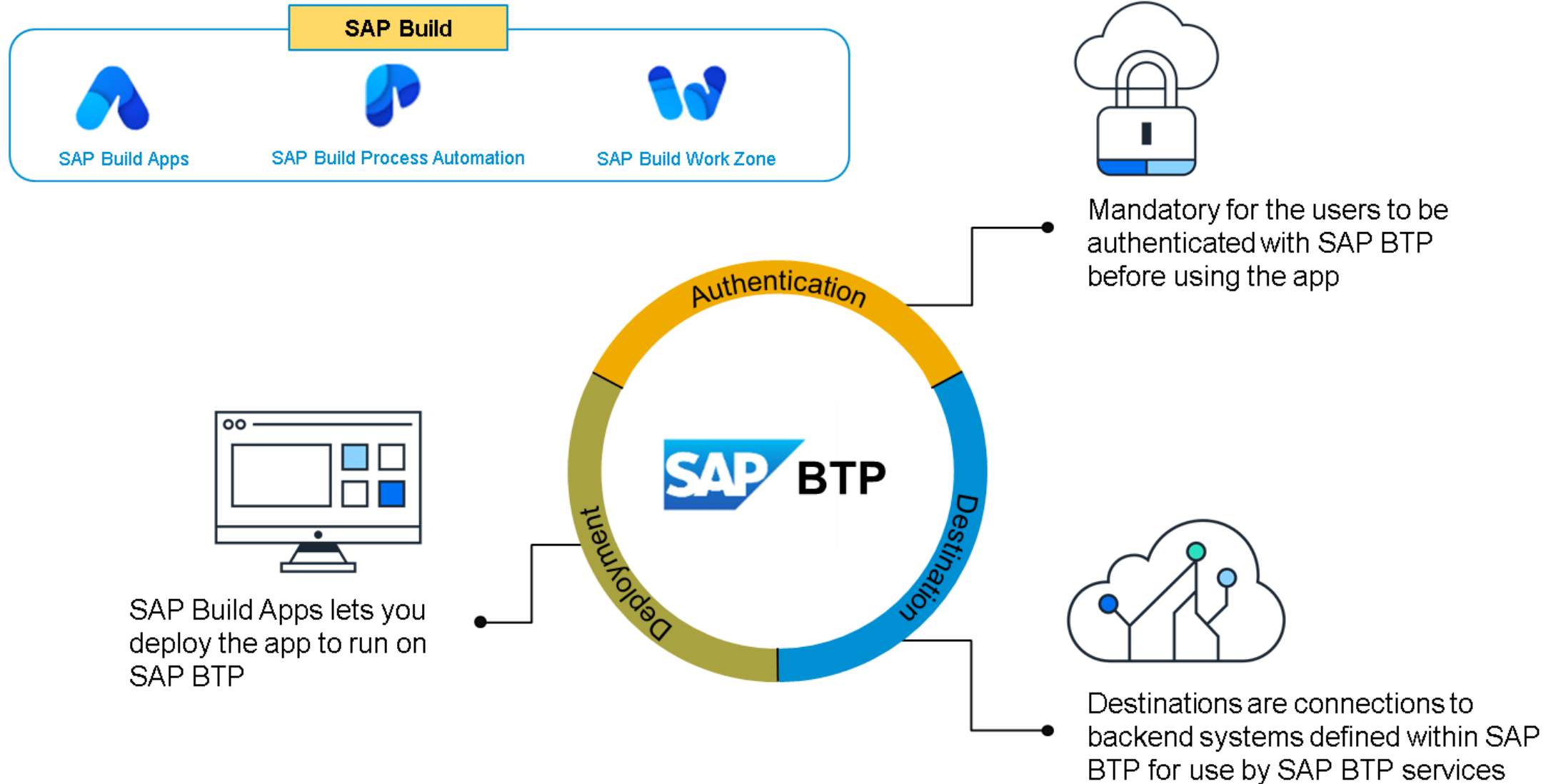
Build an Automated Process

Use SAP Build Process Automation to create, automate, and run a connected business process.

Build a Business Site

Create a workspace, new cards...
text goes here
and here

Relationship between SAP Build and SAP BTP



Free trial and free tier

[Get an Account on SAP BTP to Try Out Free Tier Service Plans.](#)

Activate the Service Boosters

- SAP Build [Apps](#)
- SAP Build [Process Automation](#)
- SAP Build [Work Zone](#)

Learn, explore and gather firsthand experiences in a personal trial account

- SAP Build [Apps free trial](#)
- SAP Build [Process Automation free trial](#)
- SAP Build Code [free trial](#)

Do hands-on in the learning journey by applying for a basic trial for SAP Build

- SAP Build Work Zone [basic trial](#)