Understand the Potential of SAP Build Apps and SAP Build Work Zone
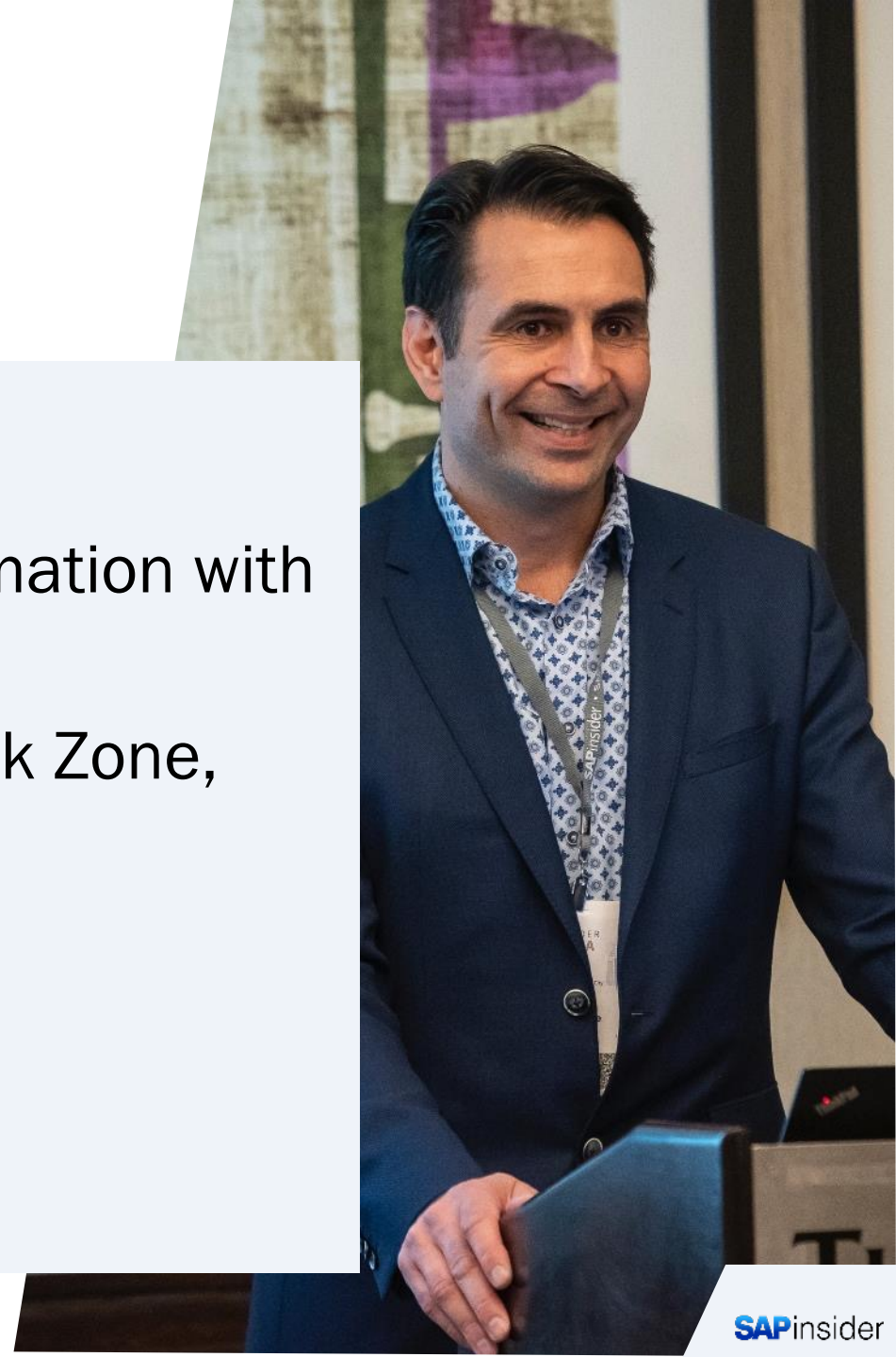
Vanessa Micelli-Schmidt, Chief Product Manager SAP Build, SAP
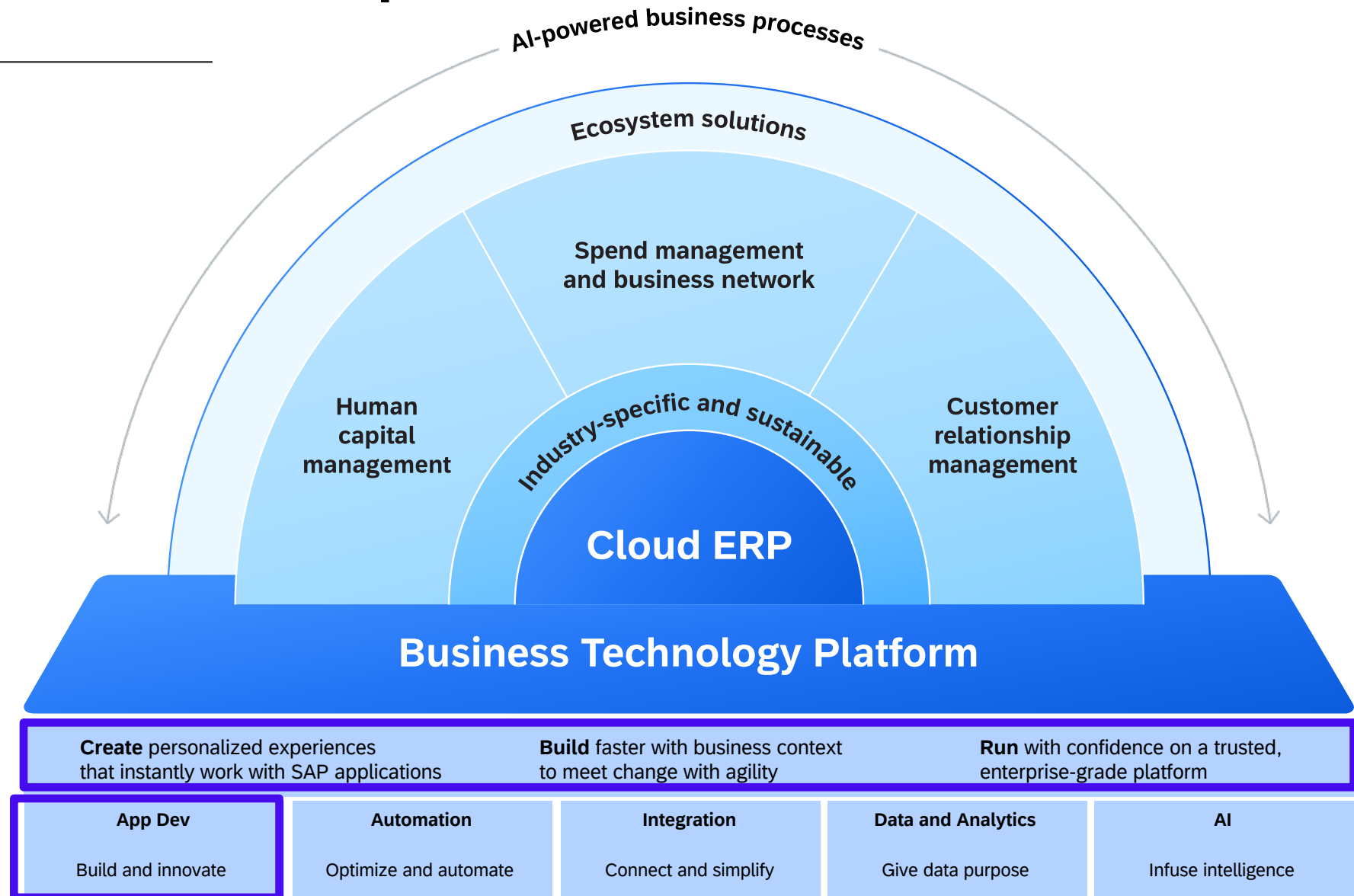
Agenda

- How to speed up your transformation with low-code tools
- Overview SAP Build : Apps, Work Zone, Process Automation
- SAP Build interplay
- Wrap up

SAPinsider

SAP BTP: Foundation of the Intelligent Sustainable Enterprise

AI-powered business processes

Ecosystem solutions

Spend management and business network

Human capital management

Industry-specific and sustainable

Customer relationship management

Cloud ERP

Business Technology Platform

| **Create** personalized experiences that instantly work with SAP applications | **Build** faster with business context to meet change with agility | **Run** with confidence on a trusted, enterprise-grade platform |

App Dev	**Automation**	**Integration**	**Data and Analytics**	**AI**
Build and innovate	Optimize and automate	Connect and simplify	Give data purpose	Infuse intelligence

SAPinsider

Why low-code?

Harness all resources to drive your transformation

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
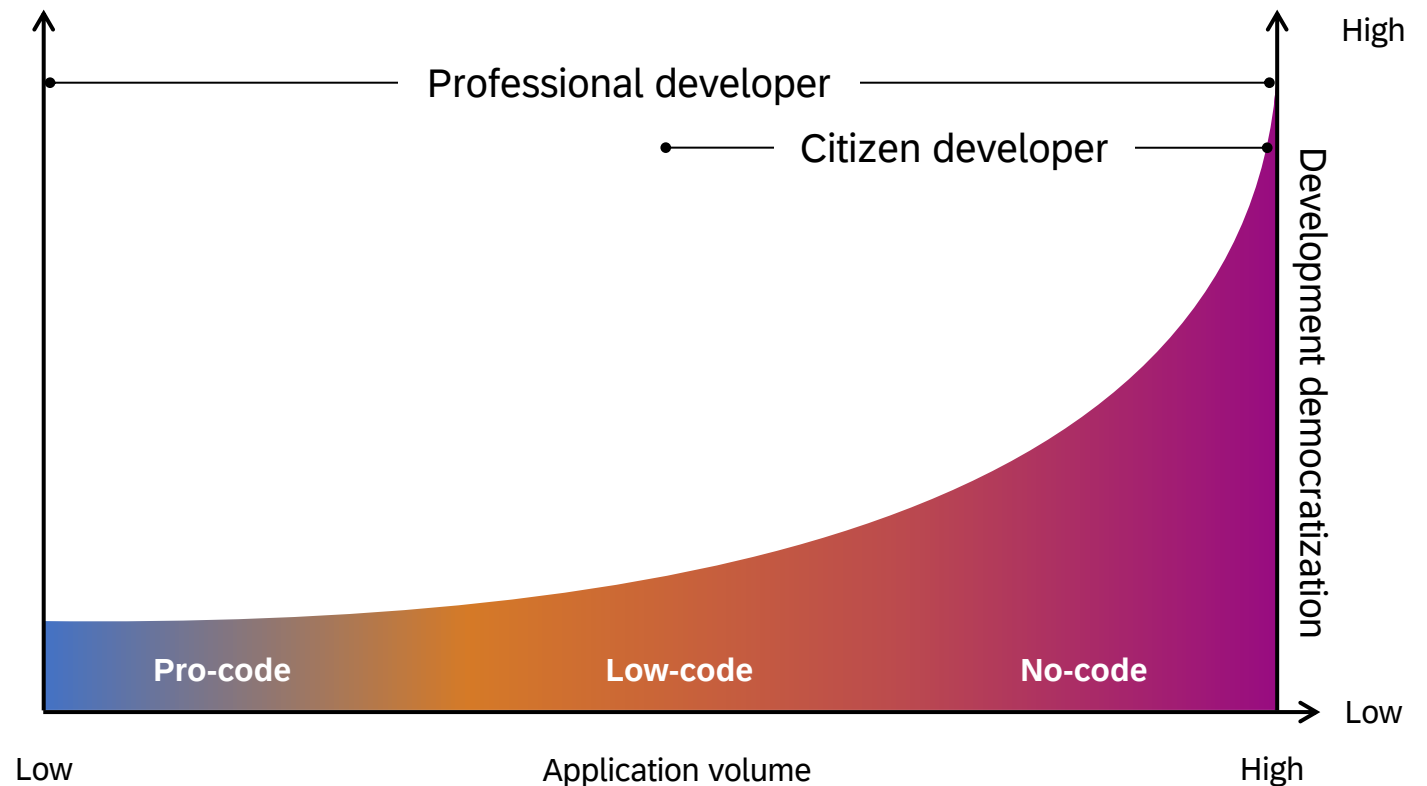
SAPinsider

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
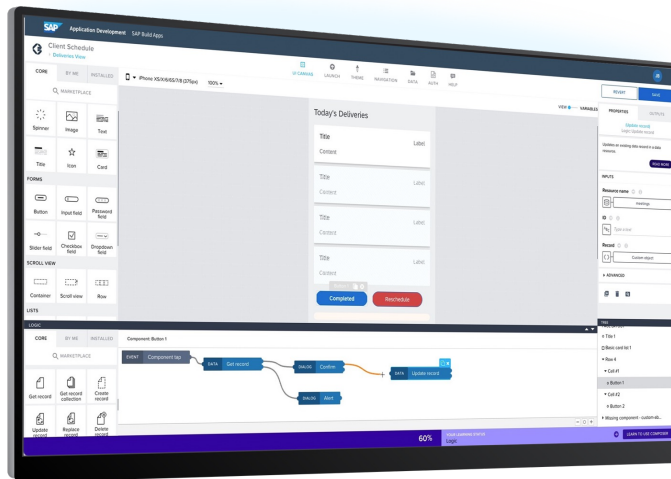
Speed up your transformation
Meet the growing application need by scaling development by empowering more employees

Professional developer

Citizen developer

Development democratization

High

Low

Pro-code   Low-code   No-code

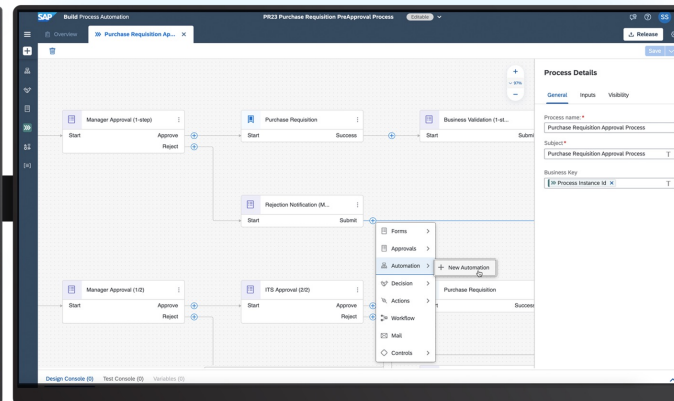Low   Application volume   High

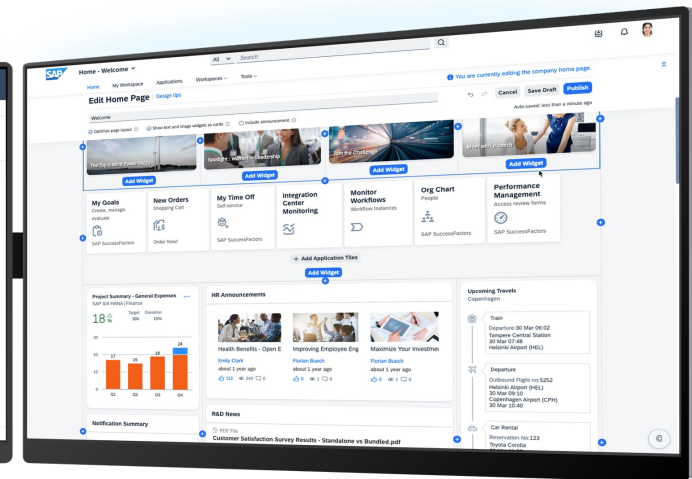# Overview SAP Build

SAP Build

SAP Build Apps   SAP Build Process Automation   SAP Build Work Zone

Build Visually

Integrate Seamlessly

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).
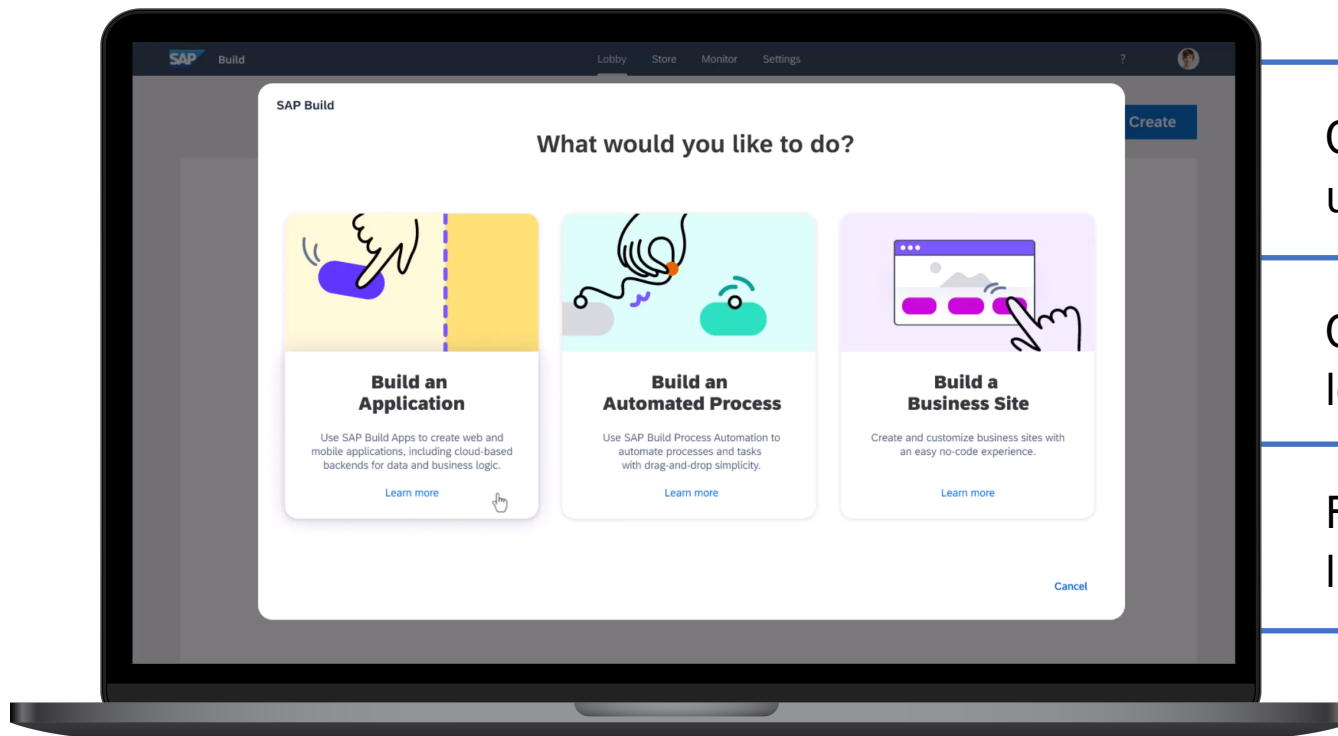
Unified lobby for app composability

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.
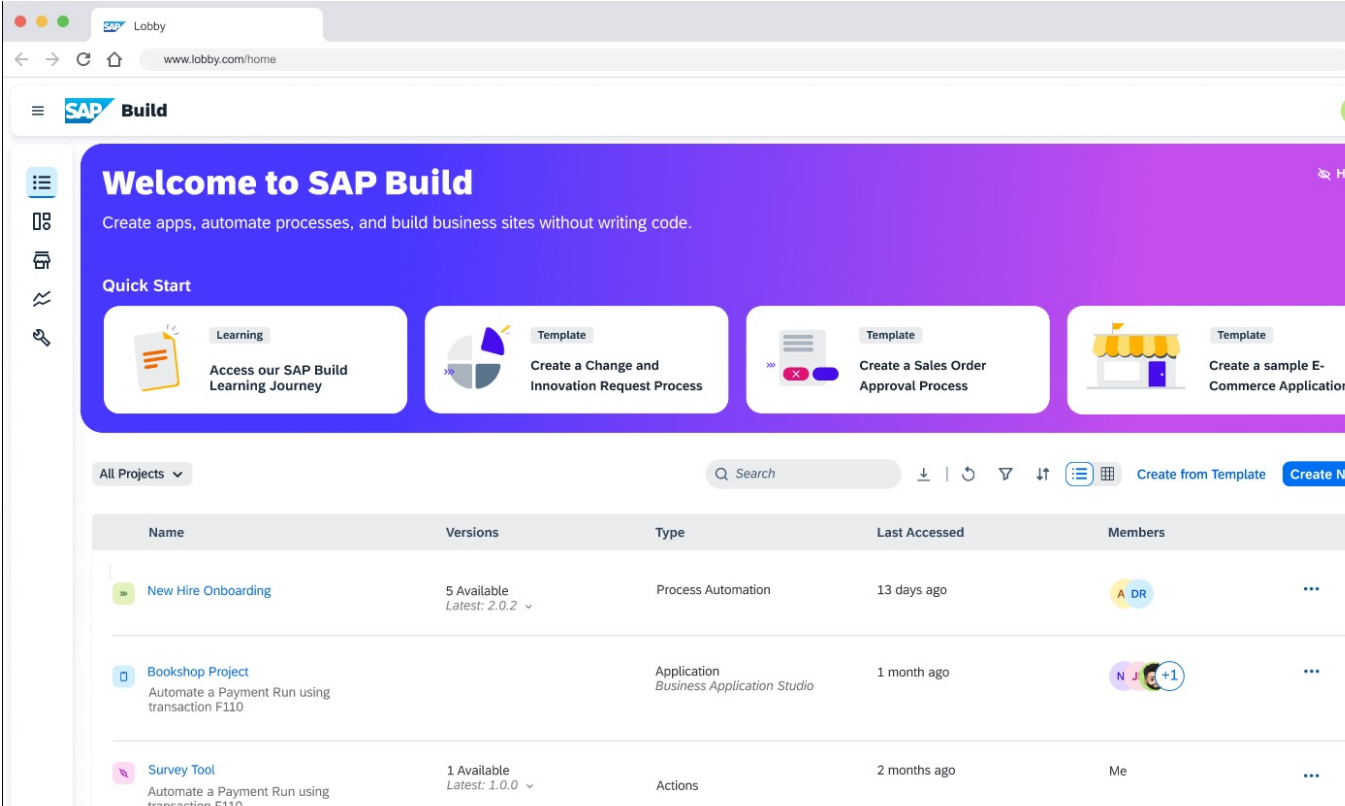
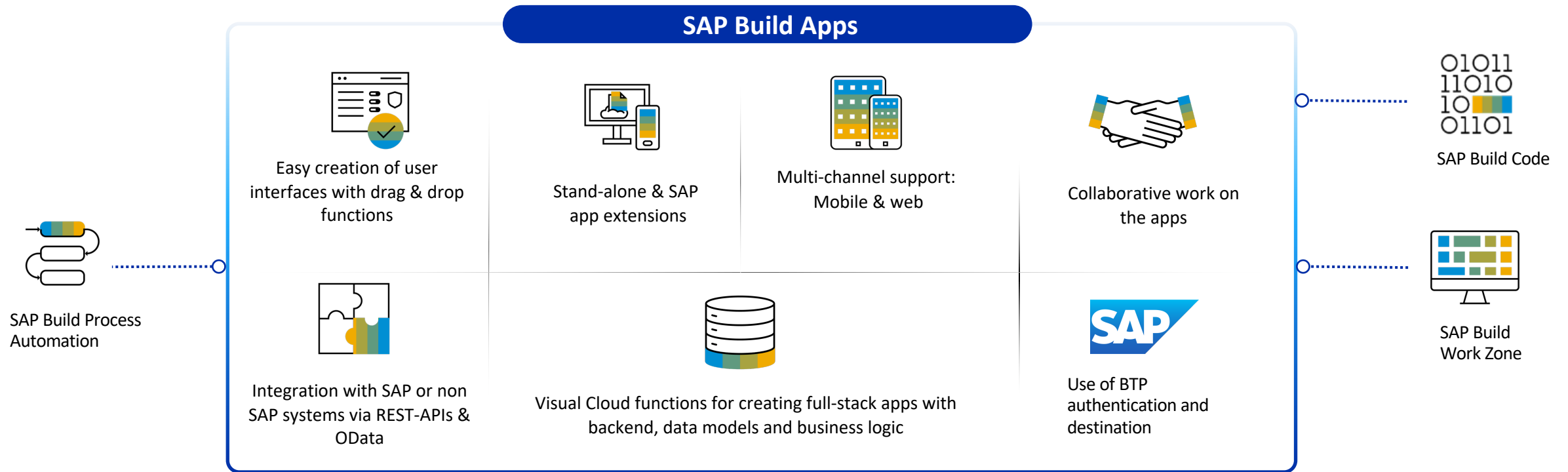# Build and customize enterprise applications visually

SAP Build Apps

Create beautiful mobile and web user interfaces without coding

Create data models and business logic visually

Foster fusion team development with lifecycle management & governance

Key capabilities of SAP Build Apps

SAP Build Apps

Easy creation of user interfaces with drag & drop functions

Stand-alone & SAP app extensions

Multi-channel support: Mobile & web

Collaborative work on the apps

Integration with SAP or non SAP systems via REST-APIs & OData

Visual Cloud functions for creating full-stack apps with backend, data models and business logic

Use of BTP authentication and destination

SAP Build Process Automation

SAP Build Code

SAP Build Work Zone

SAPinsider

Simplify process automation

SAP Build Process Automation
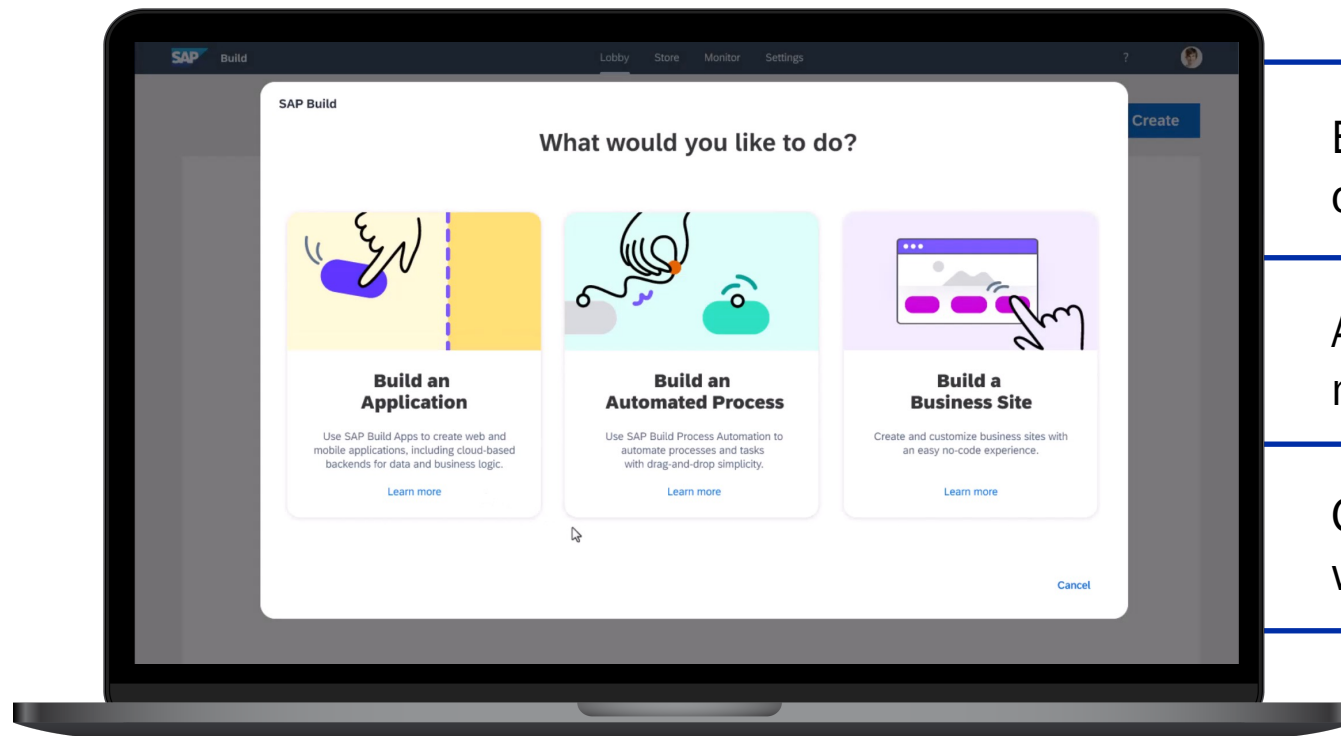
Build with ease using visual drag-and-drop tools

Automate faster with workflow management, RPA, and AI capabilities

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

Key capabilities of SAP Build Process Automation

SAP Build Process Automation

Integration, process insights and sentiments

SAP and non-SAP integration

SAP Signavio

Business process transformation

qualtrics.^{XM}

Experience management

Processes and workflows

Forms and multistep approvals

Task automation

Unified launchpad and task center

Business rules and decisions

Prebuilt content

Document understanding

Process visibility and flexibility
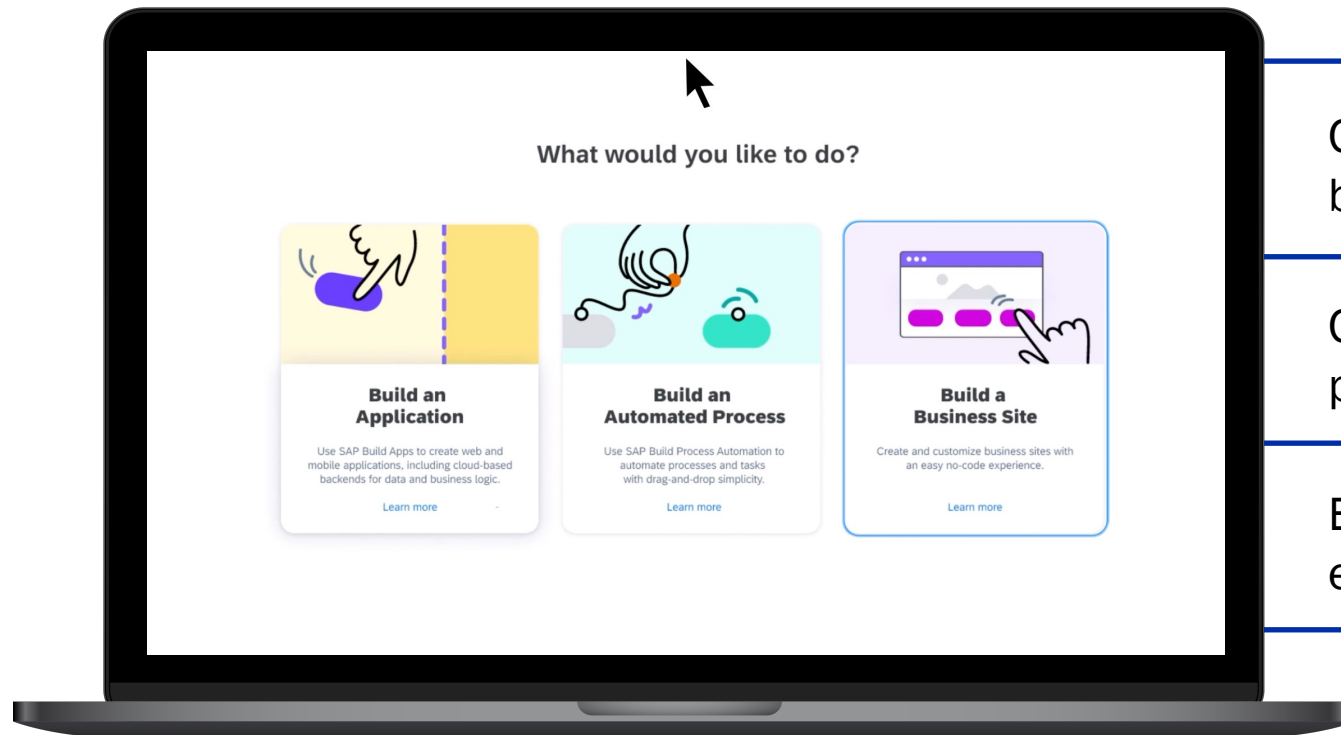
SAP Build Work Zone

SAP Build Apps

01011
11010
10
01101

SAP Build Code

100s of pre-built processes and automations

SAPinsider

Design business sites intuitively

What would you like to do?

Build an Application
Use SAP Build Apps to create web and mobile applications, including cloud-based backends for data and business logic.
Learn more

Build an Automated Process
Use SAP Build Process Automation to automate processes and tasks with drag-and-drop simplicity.
Learn more

Build a Business Site
Create and customize business sites with an easy no-code experience.
Learn more

SAP Build Work Zone

Create personalized and engaging business sites

Connect enterprise apps with pre-built integration cards

Enhance team productivity with guided experiences and knowledge sharing

Key capabilities of SAP Build Work Zone
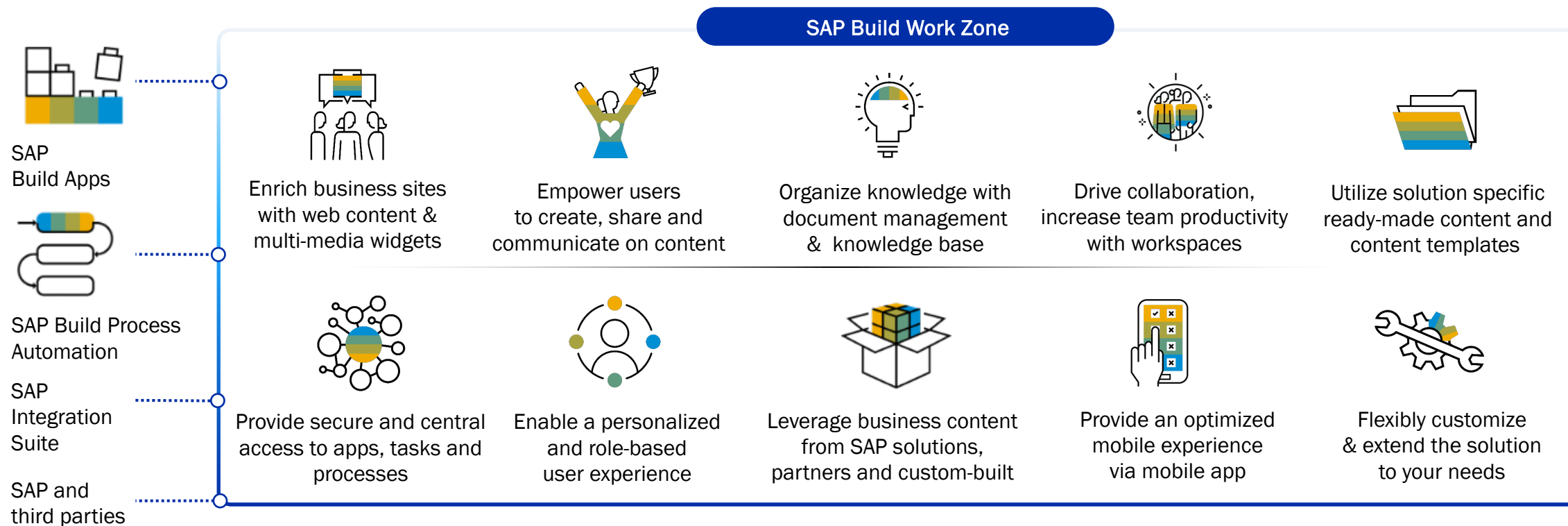
Advanced Edition

SAP Build Apps

SAP Build Process Automation

SAP Integration Suite

SAP and third parties

SAP Build Work Zone

Enrich business sites with web content & multi-media widgets

Empower users to create, share and communicate on content

Organize knowledge with document management & knowledge base

Drive collaboration, increase team productivity with workspaces

Utilize solution specific ready-made content and content templates

Provide secure and central access to apps, tasks and processes

Enable a personalized and role-based user experience

Leverage business content from SAP solutions, partners and custom-built

Provide an optimized mobile experience via mobile app

Flexibly customize & extend the solution to your needs

Standard Edition

SAPinsider

SAP Build Apps

SAP Build Apps Demo

See how you can quickly build quality apps with absolutely zero coding required.

Click to check the demo yourself
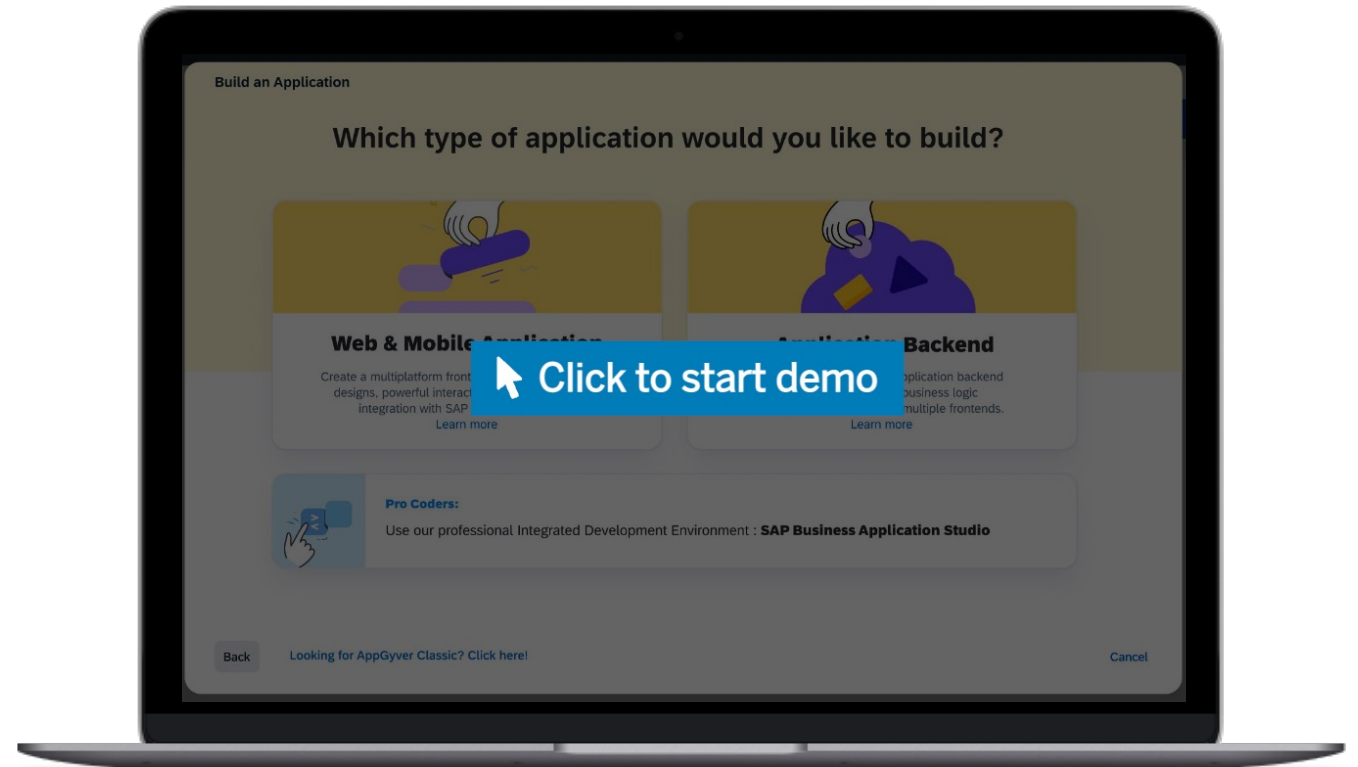
Customer stories
Pif Paf Alimentos, Ernst & Young, Qualtrics

Extend business processes with mobile apps

Challenge:

Manual tasks and error prone procedures resulting in inefficient data gathering, poor user experience and poor business results

Solution:

Empower users with the tools to take actions on site and gather the right information to improve processes and business results.

Example:

Pif Paf built a mobile solution to help their field technicians to execute maintenance work at their production plants.

Read the customer story

Innovate securely in a collaborative and reliable platform

Challenge:

Create a mobile first and user-friendly user interface to foster engagement and adoption quickly.

Solution:

Build beautiful native apps for different platforms leveraging hundreds of ready to use UI, logic and data components.

Example:

EY built ERA, a mobile-first pro-bono app that acts as a conduit to match people with resources during humanitarian crisis.

Read the customer story

Creating a Better Customer Advocacy Experience

Challenge:

Create a mobile app to encourage customers to join the XM Advocates program and provide easy access to support.

Solution:

Built an app providing excellent user experience for customers while dramatically reducing development costs.

Example:

Qualtrics built a comprehensive and user-friendly customer reference and support app with zero lines of code.

Read the customer story

SAPinsider

Pif Paf Alimentos
Automating the maintenance routine with savings in time, paper, and money
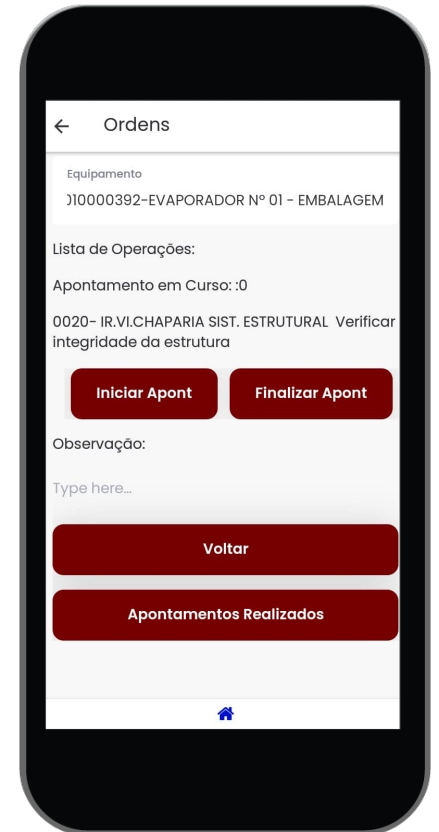
Challenge

- Manual and error prone paper-based process to support technicians to execute machine maintenance tasks, including detailed service orders data entry.

- Negative impact to sustainability indicators with large amount of paper waste.

Solution

- Enterprise-grade app integrated seamlessly with SAP BTP

- Mobile app that provides ERP's list of service orders and allow technicians to enter the data about the executed tasks

- Offline capabilities to save the data locally and synchronize later

Outcome

- **30%** reduction in maintenance order handling time

- **10%** reduction in paper waste

- **3** weeks to deploy an app that would certainly take longer without the low code tool

Principal
21714 LAURO SALGADO FABR
Lista de Ordens Manutenção
Sincronizar
Apontamento Pendente de Envio
Sair
Dados Sincronizado
Principal

Ordens
Equipamento
)10000392-EVAPORADOR Nº 01 – EMBALAGEM
Lista de Operações:
Apontamento em Curso: :0
0020- IR.VI.CHAPARIA SIST. ESTRUTURAL Verificar integridade da estrutura
Iniciar Apont   Finalizar Apont
Observação:
Type here...
Voltar
Apontamentos Realizados

[Read the customer story](#)

SAPinsider

SAP Build Work Zone

Facing the reality of a diverse and complex enterprise IT landscape

various **systems** and **repositories**
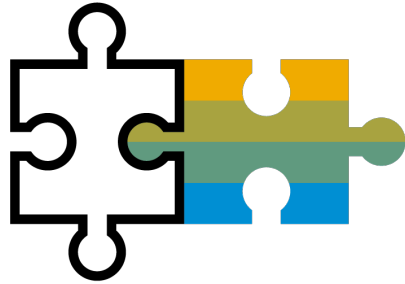
heterogenous (SAP and third-party)

various **content types** and **UI technologies**

hybrid setup cloud + on premise
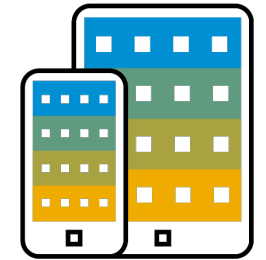
multi-channel (internal, external, mobile)

Our Vision

Increase user productivity by intelligently providing access to applications, processes, and information

anywhere on any device

Vision: modular offering for central entry point

SAP Fiori design (horizon theme)
SAP Mobile Start[1]

SAP Build Work Zone
advanced edition

SAP Build Work Zone
standard edition

Upgrade[1]

3

SAP Start

Upgrade[1]

2

Upgrade[1]

1

- Extend standard offering with enhanced capabilities for content management, web content, team workspaces and integration with 3rd party solutions (e.g. MS Teams)
- Empower business users to create and publish content
- Provide solution specific premium content

- Provide a central access to multiple cloud & on-premise systems
- Integrate custom apps, cards and processes
- Access multiple pages via navigation menu
- Customizations & extensions (e.g. branding, translation, shell plug-ins, domain URL)

- SAP-managed homepage for SAP Cloud solutions
- Access apps and tasks from the connected systems
- Offering pre-configured cross-LOB business content

1 see roadmap for planned enhancements

A Modular Offering for the Central Entry Point from SAP

SAP Start

Pre-packaged Entry Point

- Search, to dos & interest cards
- Content from SAP Cloud LoBs (SAP S/4HANA & SAP SuccessFactors for now)
- Zero configuration costs

SAP Build Work Zone
standard edition
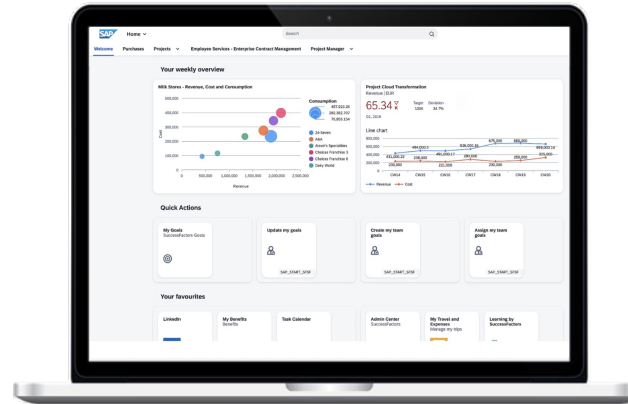
Application Sites

- Central access to SAP cloud, on-prem, custom and 3rd party applications
- Multiple pages, drag/drop page editor & business data visualization cards
- Custom branding and extensions

SAP Build Work Zone
advanced edition

Business Sites

- Optimize business processes with employees, partners, customers & suppliers
- Pre-packaged line-of-business workspaces & guided experiences
- Content management, knowledge management, Q&A, ideas, polls

SAPinsider

s4hcfsmintegration.launchpad.cfapps.eu10.hana.ondemand.com/site/sapstart#Shell-home

SAP Home

Search

BS

Tue, Sep 26
Hello, Ben!

To Dos

Requisition	
Nolan Waters	20 hours ago

Senior Consultant (US) | IC
Jan 1, 2023 – May 30, 2025

302,400.00 USD

Approve   Reject

Procurement Purchase Requisition	
Emma Ward	1 day ago

PR7976 - Bike Frame

120.00 USD

Approve   Deny

Procurement Purchase Requisition	
Emma Ward	6 days ago

PR7959 - Split-Coupled Vertical Sp

789.00 USD

Approve   Deny

Procurement Purchase Requisition	
Emma Ward	7 days ago

PR7936 - Split-Coupled Vertical Sp

789.00 USD

Approve   Deny

View More   SAP Task Center

Insights

Objectives	1 of 1
Monitor Purchase Contracts	53
Purchase Requisition Item Types	
Off-Contract Spend	56

SAPinsider

SAP Start: Roadmap

Generally available (GA) since Aug 27th, 2023, for selected customers

Customers with a GROW or RISE SAP S/4HANA Cloud, public edition, subscription

Customers with a SAP Build Work Zone, standard edition, subscription

Further customer rollout in Q4 2023

All customers with a subscription for at least two SAP cloud business solutions integrated with SAP Start

Roadmap

Fieldglass content planned for Q4/2023

SAP S/4HANA Cloud, private edition, planned for Q1/2024

All other major SAP Cloud business solutions (CX, Ariba, Concur) will add content to SAP Start over their next releases

See [SAP roadmap explorer](#) for details
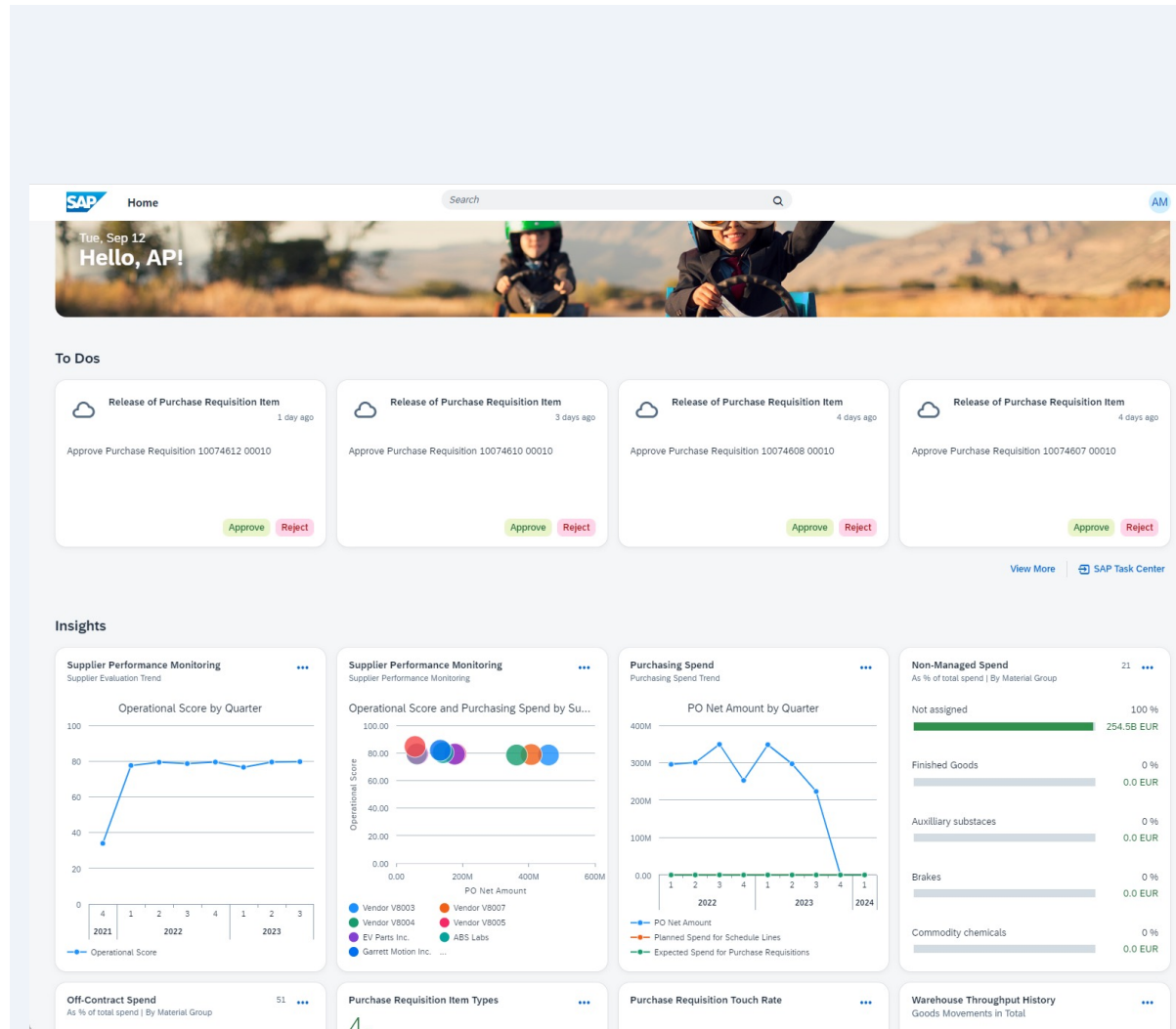
Best practice: choosing the right solution for your business

	Product home page	SAP Start →	SAP Build Work Zone, standard edition →	SAP Build Work Zone, advanced edition
SAP cloud solutions	💡	💡	💡	💡
SAP on-premise systems and 3rd party solutions	💡		💡	💡
Customer developed apps and processes			💡	💡
Unstructured content e.g. Web content, documents, multimedia				💡
Interactive workspaces created by business users				💡
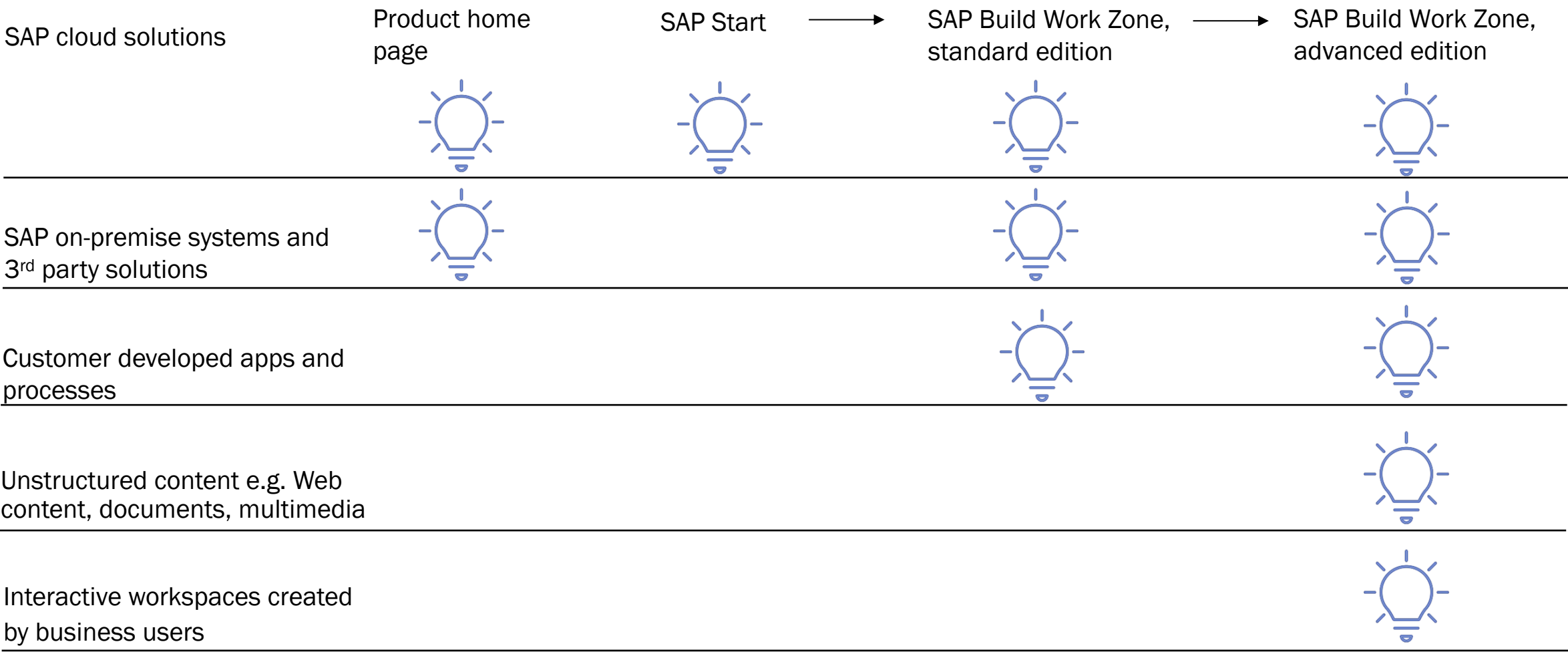
AI in SAP Build Solutions

Joule – SAP's AI copilot understanding your business

- **Use** natural language to interact with your SAP Applications in one out of the box unified experience

- **Get** relevant responses, tailored to the context of your role and business process

- **Leverage** the power of Generative AI while maintaining data privacy and control

Note: planned availability in SAP business application at different times starting with SuccessFactors and SAP Start in Q4 2023

Joule

Hello Nolan,

How can I help you?

Talk to me naturally. For example, "what are my tasks for today?"

Get started

Create purchase order   Create new position

Change name

Type or speak something...

SAPinsider
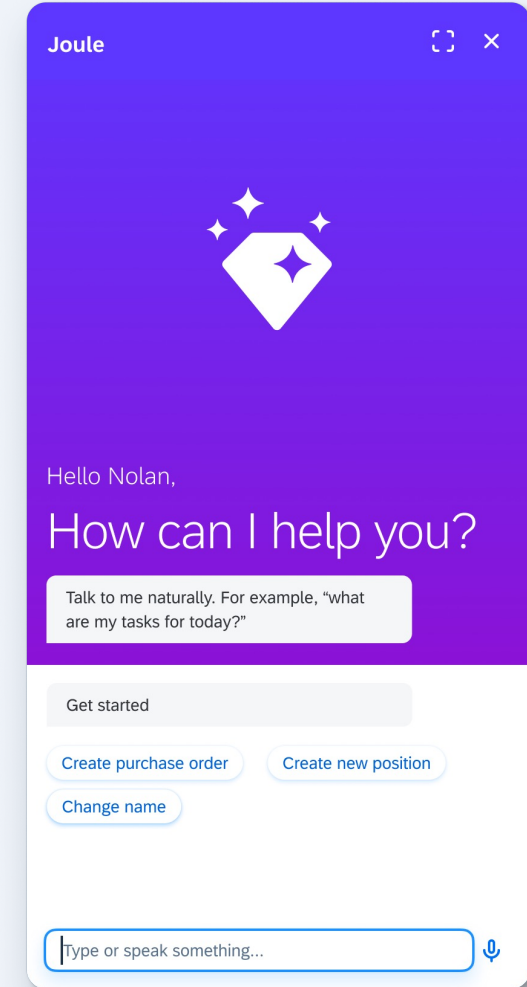
Joule in your SAP applications

Joule

Hello Nolan,

How can I help you?

Talk to me naturally. For example, "what are my tasks for today?"

Get started

Create purchase order   Create new position

Change name

Type or speak something...
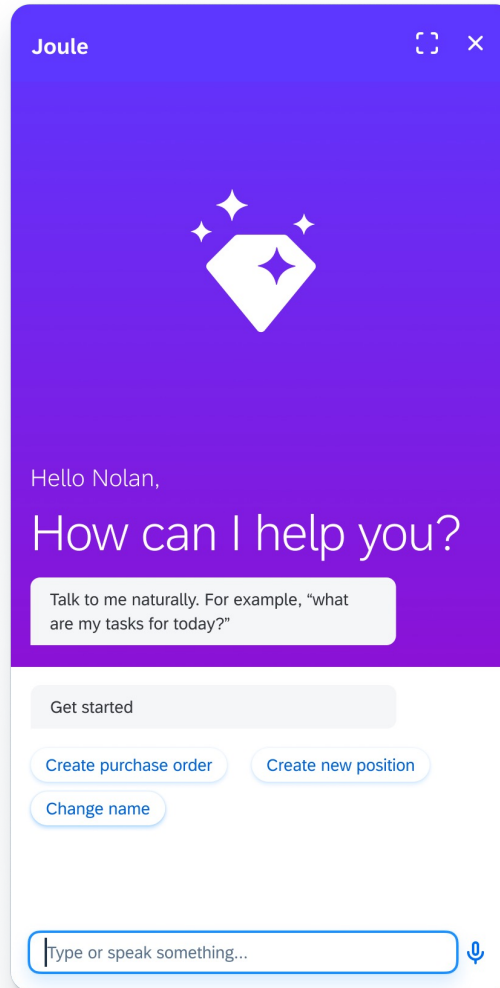
SAP Start
Access SAP SuccessFactors and SAP S/4HANA Cloud, public edition from Joule in SAP Start

SAP SuccessFactors
Give employees and managers an AI assistant that enhances their experience while reducing manual HR efforts

More to come...

Note: Planned availability in SAP SuccessFactors and SAP Start in Q4 2023.

SAPinsider

Faster work

Streamline tasks with an AI assistant that knows your unique role and acts as your work copilot across SAP applications.

Smarter Insights

Get quick answers and smart insights on-demand, facilitating faster decision-making without bottlenecks.
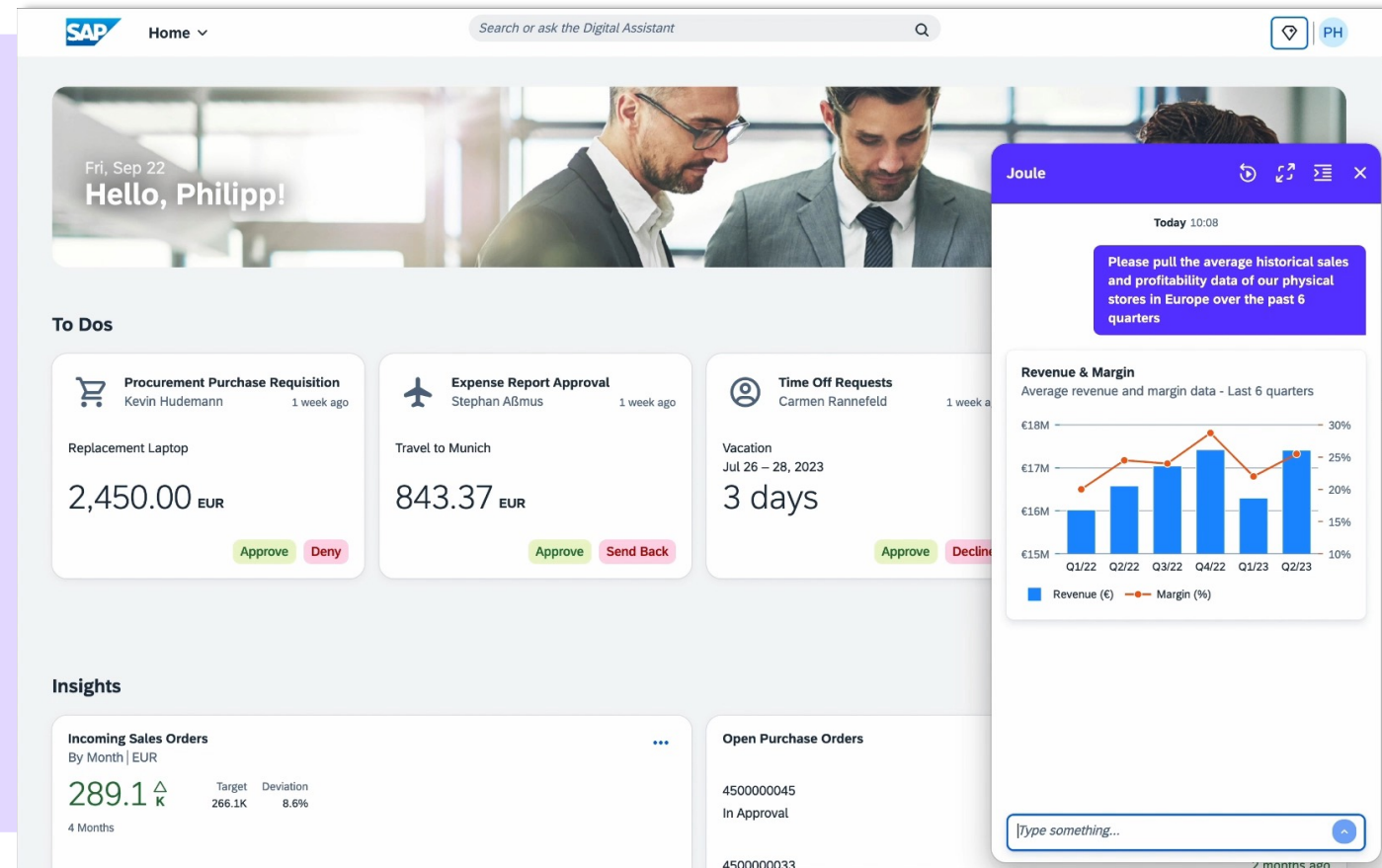
Better Outcomes

Just ask and get excellent content for job descriptions, coding assistance, and more...
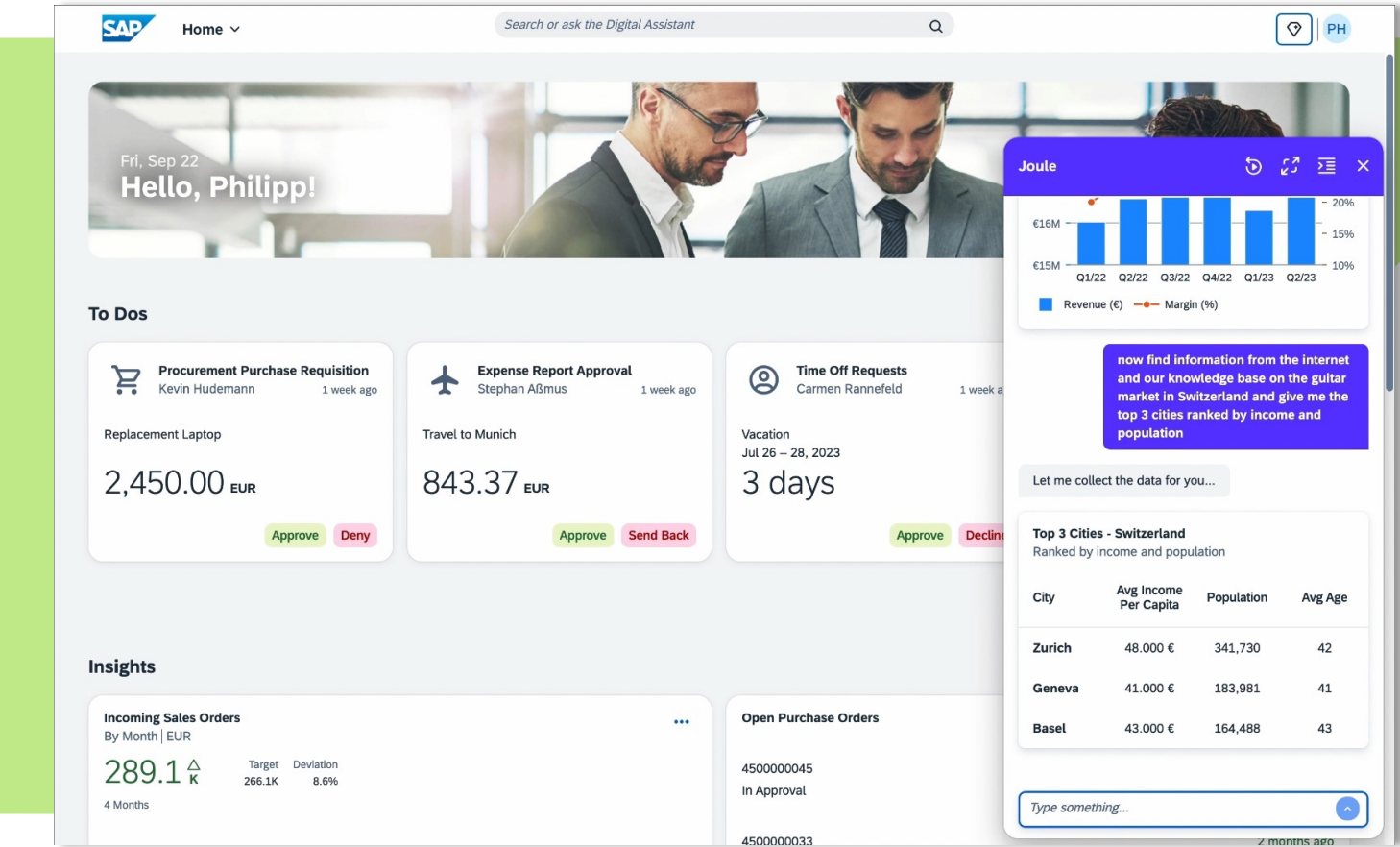
Full Control

Maintain full control over decision-making and your data privacy while accessing generative AI in a safe environment.

Wrap up

SAP Build – SAP's Low-Code Solution Offering to Build Applications, Automate Processes, and Create Business Sites
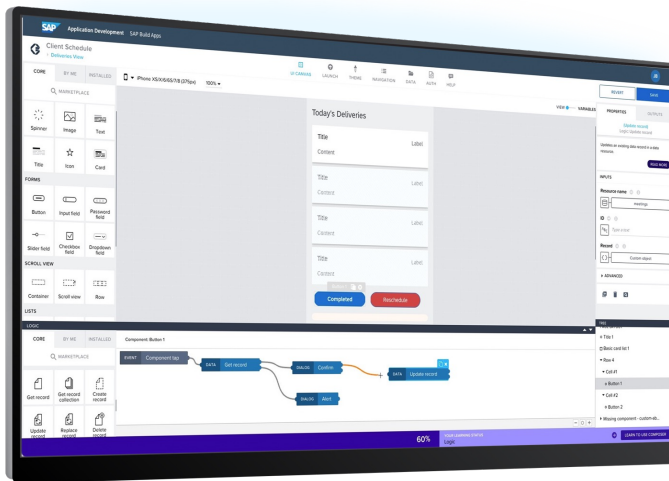
SAP Build Apps
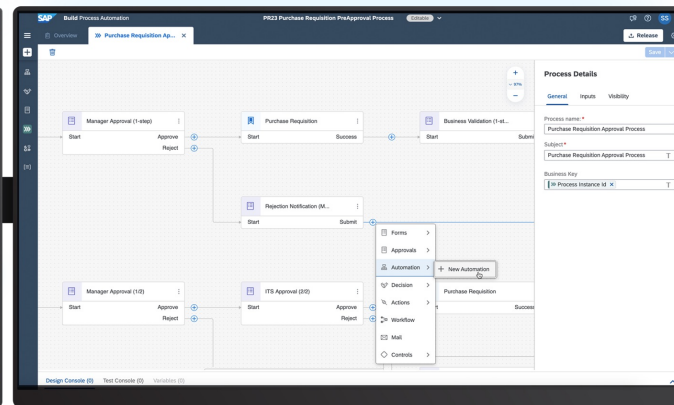
SAP Build Process Automation
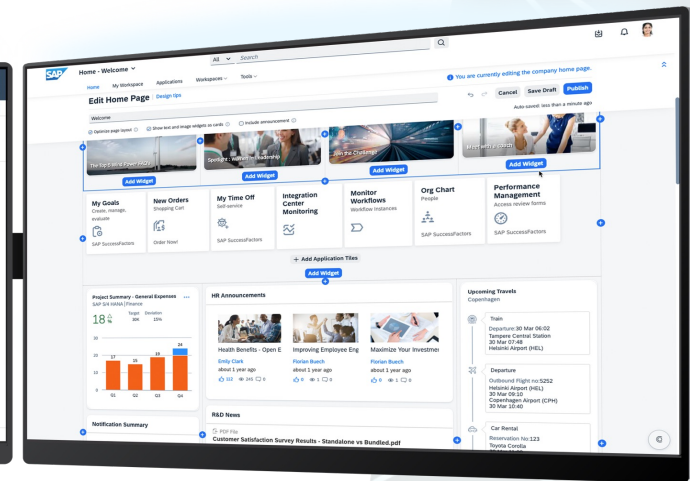
SAP Build Work Zone

Build Visually

Integrate Seamlessly

Collaborate in Fusion Teams

SAP Business Technology Platform

Where to Find More Information

- SAPinsider.org
- Sign up to SAP BTP Free Tier and activate Service Boosters
- [SAP Build Apps](#) [SAP Build Process Automation](#) [SAP Build Work Zone](#)
- Learning and get certified
- [Citizen Developer,](#) [Certification Exam](#)
- Join our Communities
- [SAP Build Apps](#) [SAP Build Process Automation](#) [SAP Build Work Zone](#)

Key Points to Take Home

- SAP Build is SAP's low-code development platform with SAP Build Apps to create applications and SAP Build Work Zone to create engaging business sites

- SAP Build Apps: The application development environment to design user-centric and feature-rich solutions for web and mobile platforms

- SAP Build Work Zone comes with three editions:
  - SAP Start: The SAP-managed homepage for SAP Cloud solutions to access apps and tasks from connected systems
  - SAP Build Work Zone Standard for your personal productivity
  - SAP Build Work Zone Advanced for team productivity

Vanessa Micelli-Schmidt, SAP

vanessa.micelli-schmidt@sap.com

Please remember to complete
your session evaluation.

SAPinsider

SAPinsider comprises the largest and fastest growing SAP membership group worldwide, with more than 750,000 global members.