

SAP Build

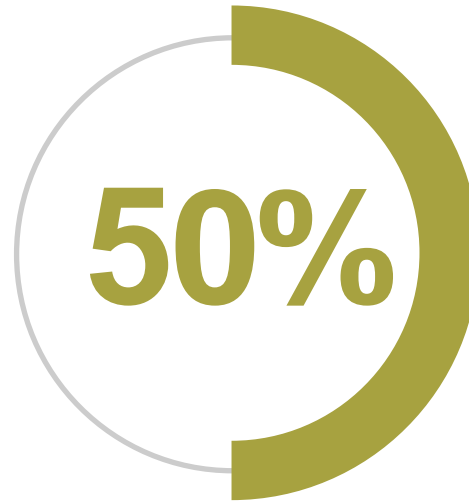


A key element of Clean Core Concept

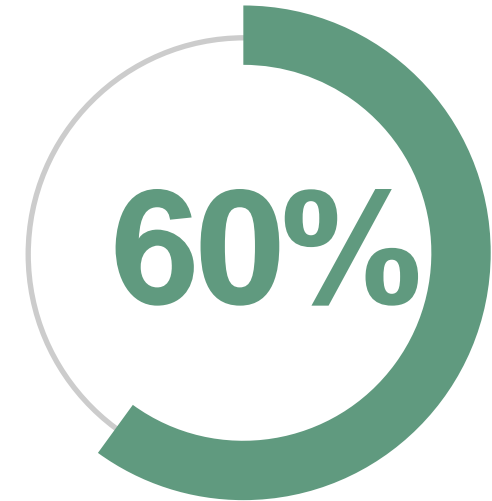
Organizations are turning to low-code



Full-time developer
vacancies can't be filled ¹



Shift development tasks to
low-code ²



Increase in investment
compared to code-first tools ²

¹ The Low-Code Development Imperative, IDC, Nov 2021

² Breaking the Code – How Low Code is Changing Development, IDC, May 2022

So they can deliver stellar results with SAP Build

3x

more invoices
handled



90%

savings in
IT development
costs



30%

faster time
to market cars



20

FTE freed
automating
process



2,000%

increase in employee
adoption of learning
programs



10

apps built for
manufacturing
process

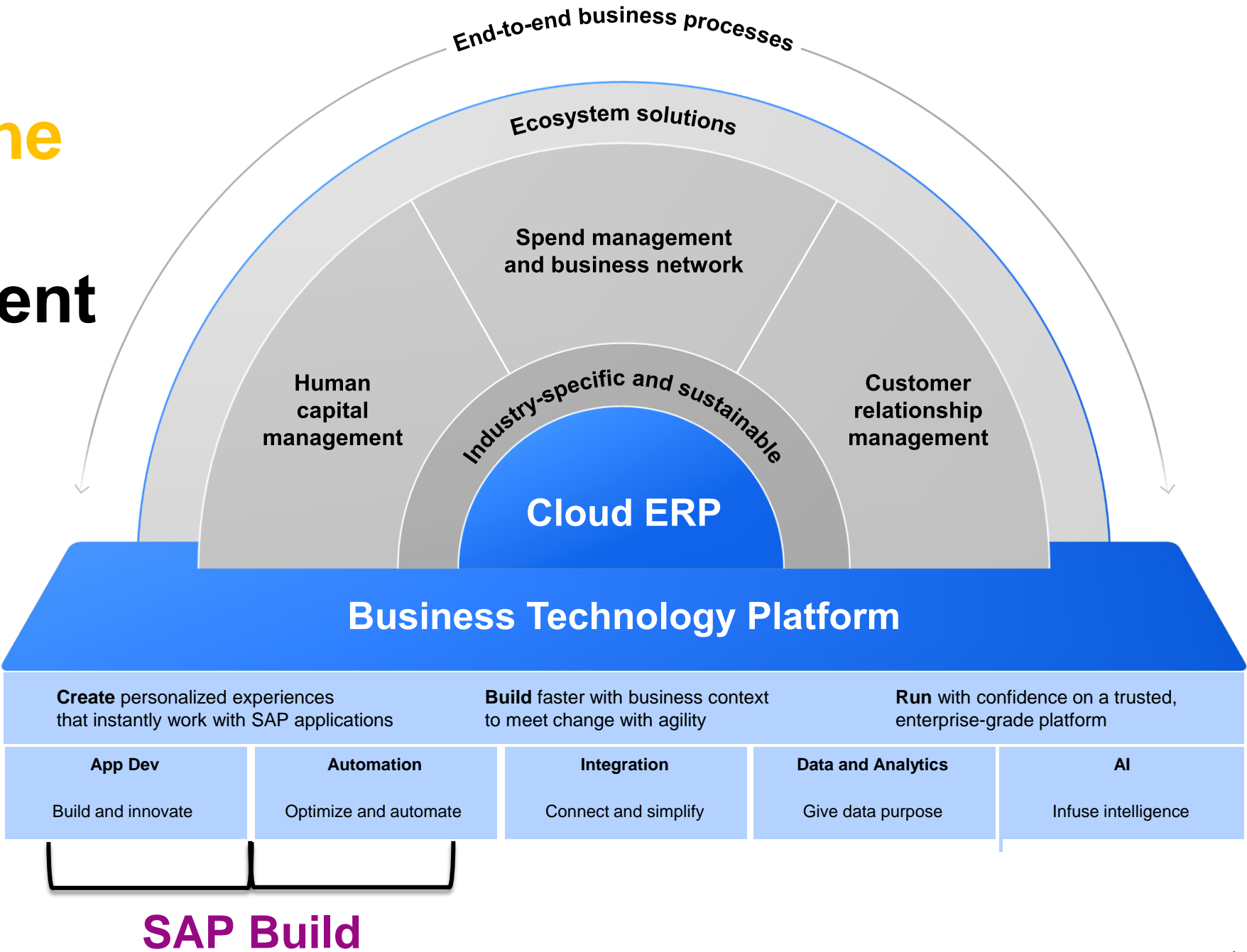


30%

time savings with
access to data in
daily workflows



SAP BTP is the foundation of the Intelligent Sustainable Enterprise



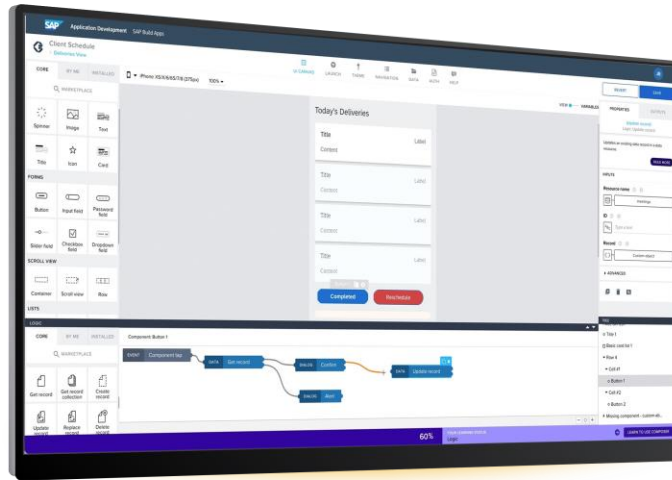
SAP Build

Create and augment enterprise apps, automate processes, and design business sites, all visually

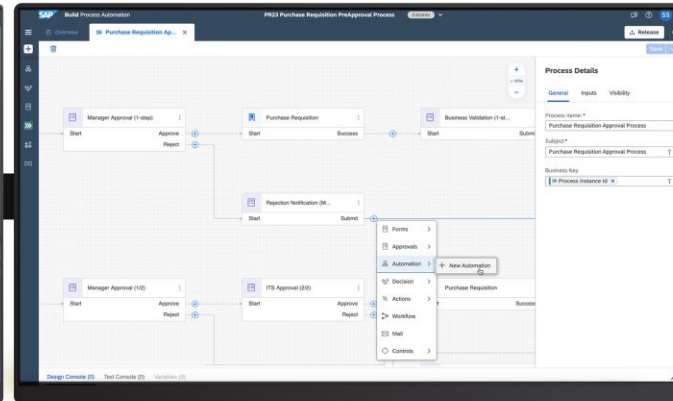
Compose apps

Automate processes

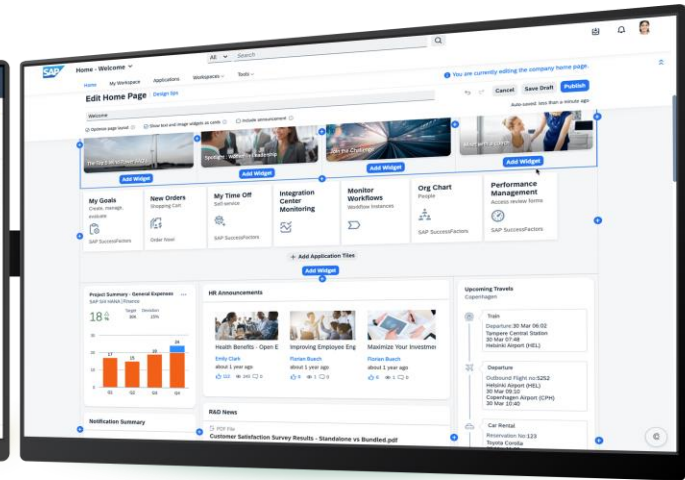
Design business sites



SAP Build Apps



SAP Build Process Automation



SAP Build Work Zone

Build Visually
Integrate Seamlessly
Collaborate Securely

SAP Business Technology Platform

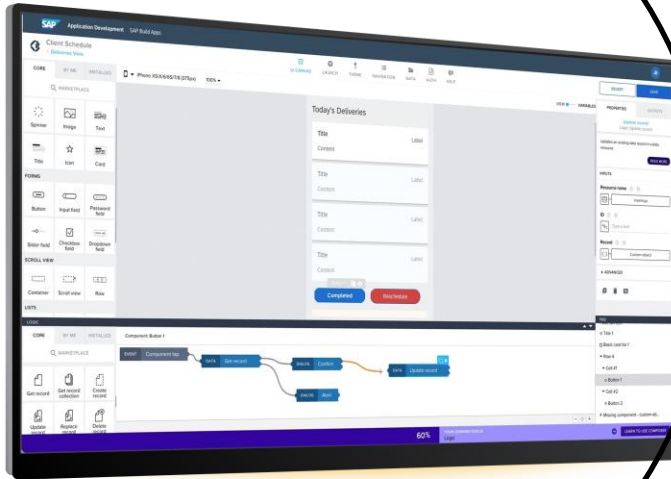
SAP Build Overview



SAP Build

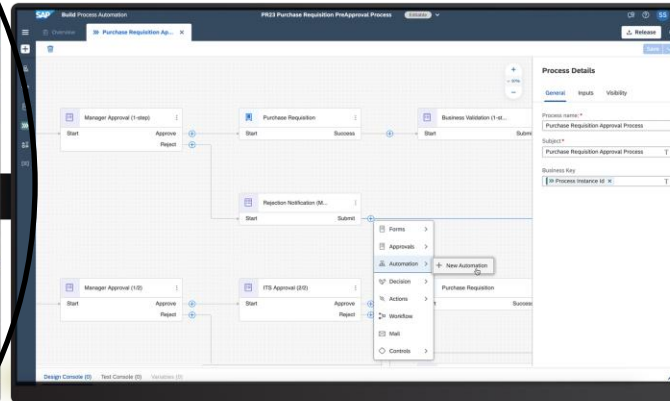
Create and augment enterprise apps, automate processes, and design business sites, all visually

Compose apps



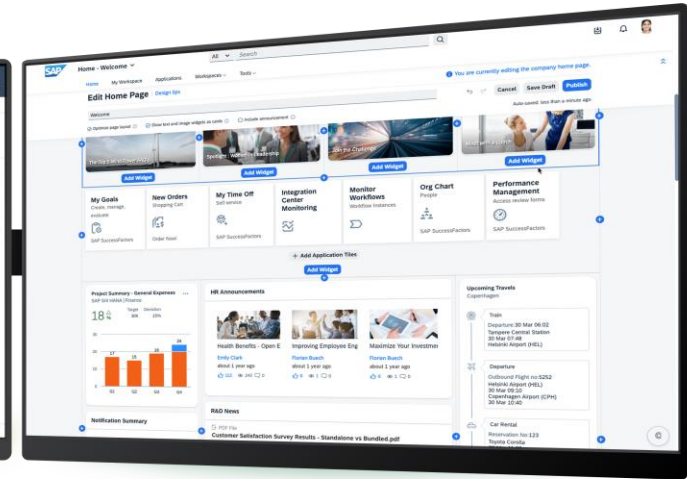
SAP Build Apps

Automate processes



SAP Build Process Automation

Design business sites

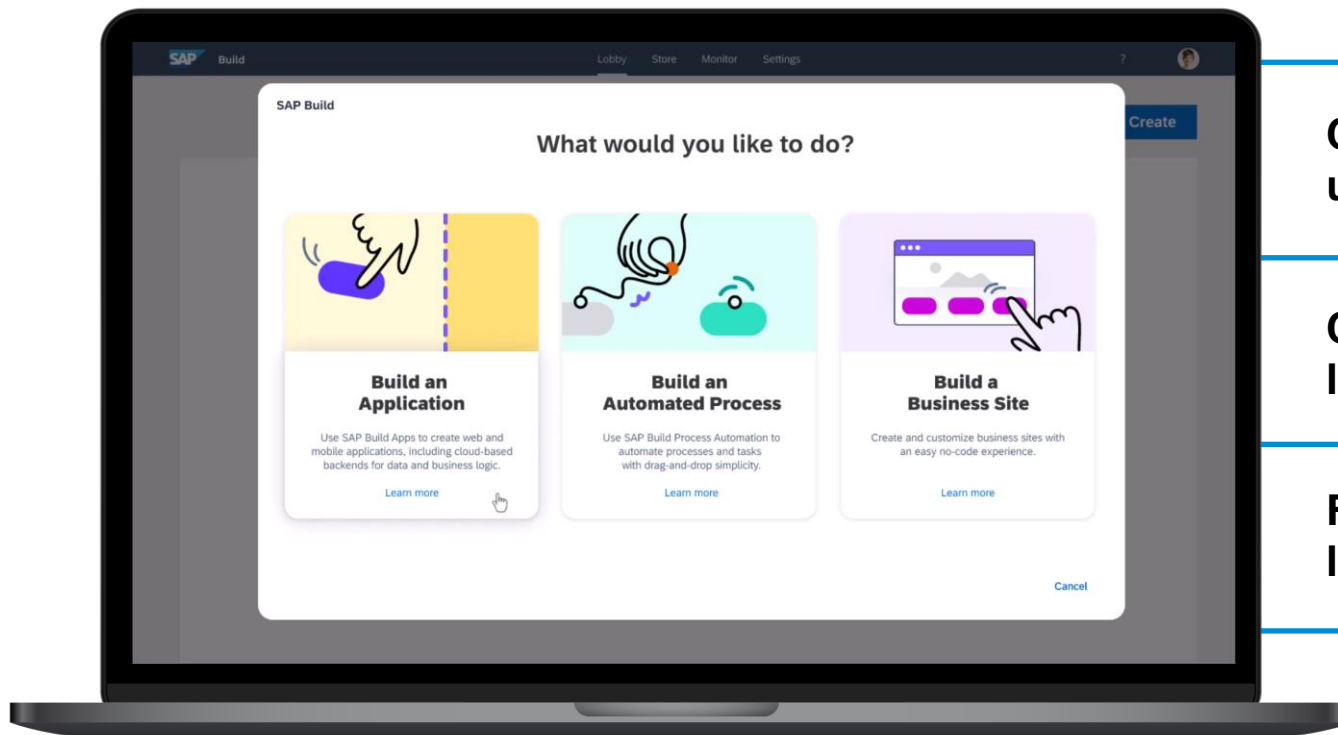


SAP Build Work Zone

Build Visually
Integrate Seamlessly
Collaborate Securely

SAP Business Technology Platform

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

Who Will Benefit From SAP Build Apps?

User Roles



Professional Developer

- Design, develop, deploy, test, handover to production
- Can **write the code** to develop a complex app
- Understands concepts of **development lifecycle, testing, versioning**
- Aware of **permissions and roles**



Citizen Developer

- Design, develop, deploy, test, handover to production
- Can imagine, create, and publish low-code **apps/processes** with close links to **business contexts**
- Understand **business processes** to be improved



IT Administrator

- Governance, operations, upgrades, technical monitoring, control
- Checks processes/apps
- Publishes, coordinates overall process to get **assets into productive environments**
- Manages the **lifecycle of business applications** and processes



End User

- Consumes / uses apps and processes but does not create them
- Anyone who is consuming information, using an app or automation, and managing their **individual personalization of the tooling**

Powerful Features for Full-Stack No-Code Development

Visual User Experience from the Start







The screenshot displays the SAP Build interface. At the top is a dark blue header bar with the SAP logo, the word 'Build', and navigation tabs: 'Lobby' (selected), 'Store', 'Monitor', and 'Settings'. On the right side of the header are icons for chat, download, and a user profile labeled 'HM'.

Below the header, the 'Quick Start' section features three prominent cards:

- Create an Invoice Approval Process**: Accompanied by an icon of a document with a checkmark and a plus sign.
- Create a Change and Innovation Approval Process**: Accompanied by an icon of a pie chart with a plus sign.
- Create a sample To-Do application**: Accompanied by an icon of a checklist with a plus sign.

Below these cards is a section titled 'All Projects (5)' with a dropdown arrow. It includes a search bar labeled 'Search by Project name & description' and a 'Create' button. To the right of the search bar are icons for a checklist, a refresh, a sort, and a filter.

The main content area is a table listing the projects:

Name	Versions	Type	Last Accessed	Members
 Equipment Order Approval Process Process for approving equipment orders		Process Automation	Nov 14, 2:21 pm	Me 
 Equipment Order Employee App Application for placing equipment orders		Application <i>Build Apps - Web & Mobile</i>	Nov 14, 2:20 pm	Me 
 Equipment Order Admin App Application for managing equipment orders		Application <i>Build Apps - Web & Mobile</i>	Nov 14, 2:18 pm	Me 

Easy access to all
SAP Build projects

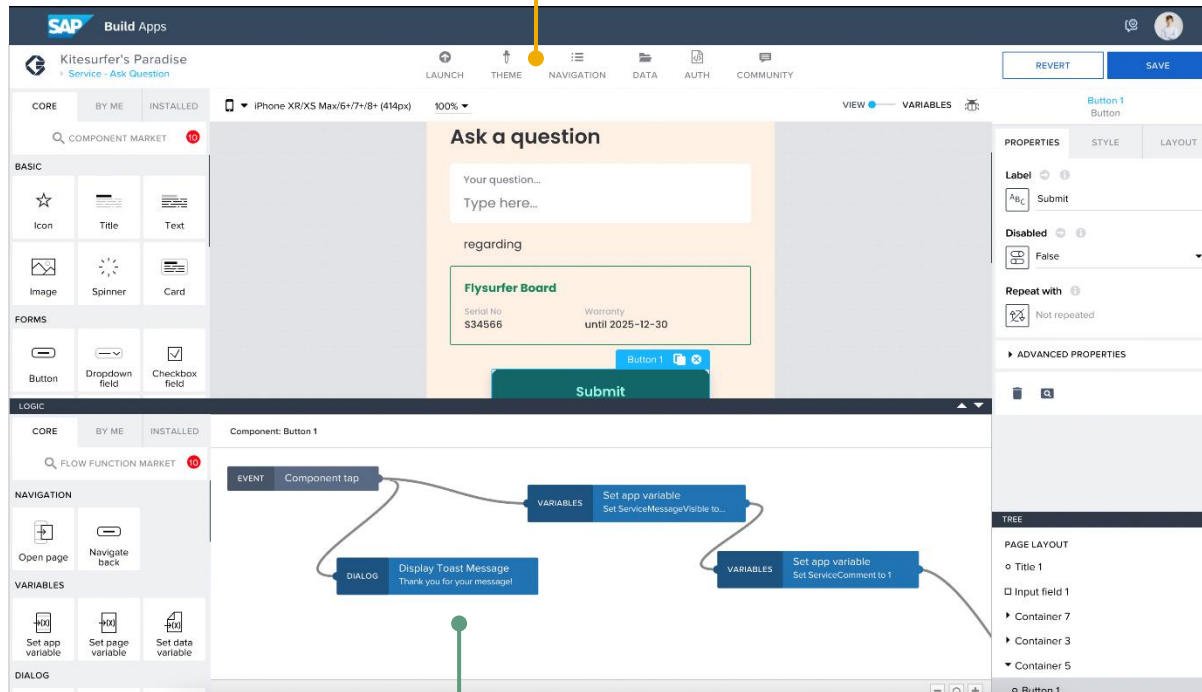
Create and collaborate
on projects

Centralized lifecycle management,
monitoring, and governance

Powerful Features for Full-Stack No-Code Development

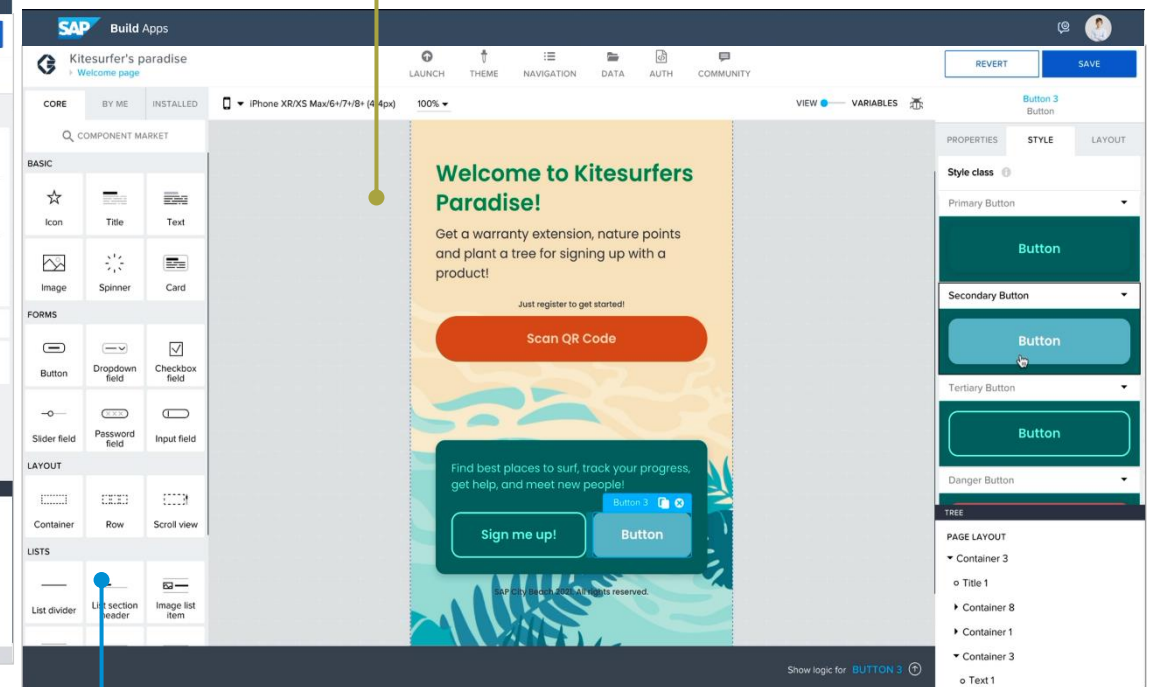
Key Frontend Capabilities

Customizable design themes
and navigation



Visual application logic
with flow functions

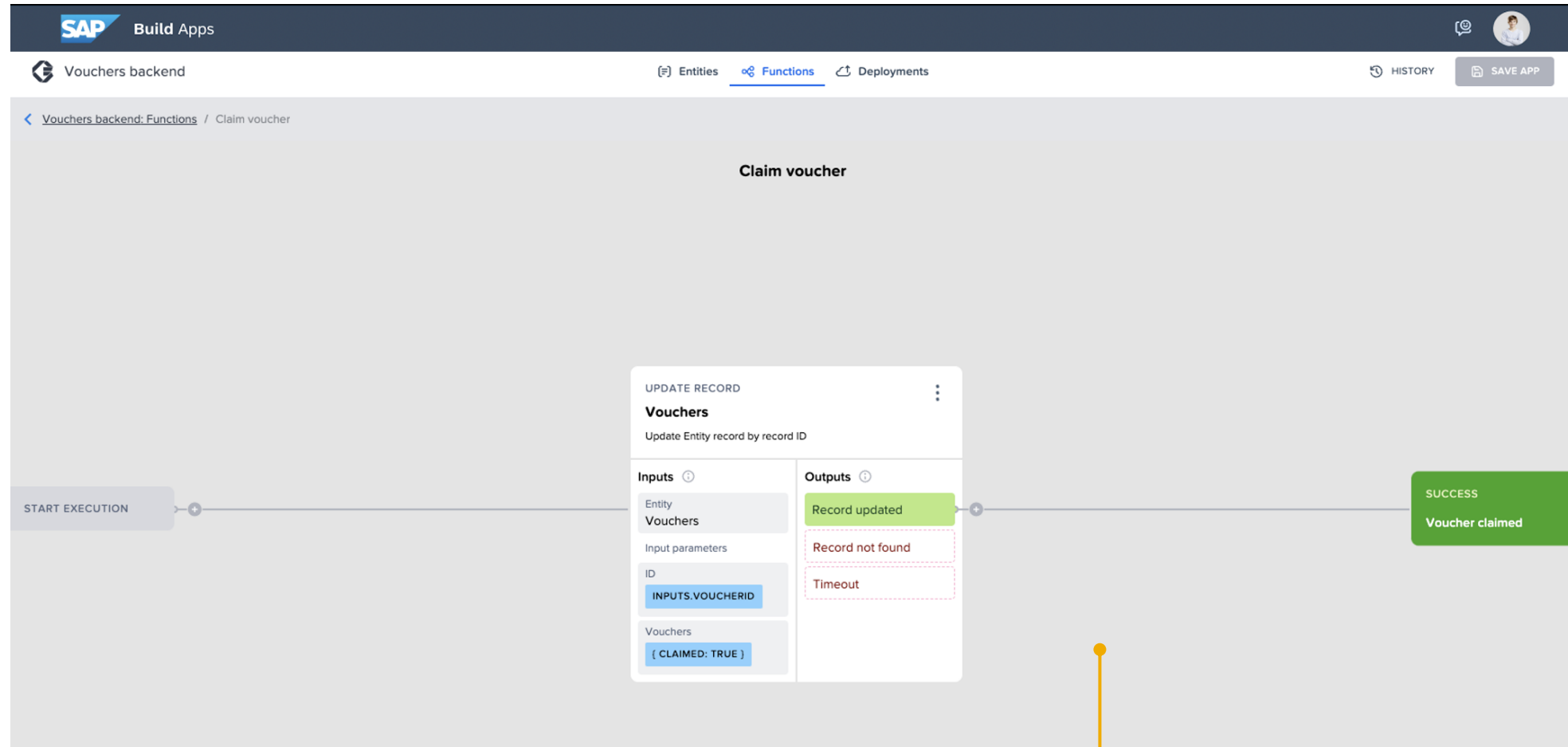
Simplified UI creation with
drag-and-drop functionality



Rich library of components and
400+ built-in formula functions

Powerful Features for Full-Stack No-Code Development

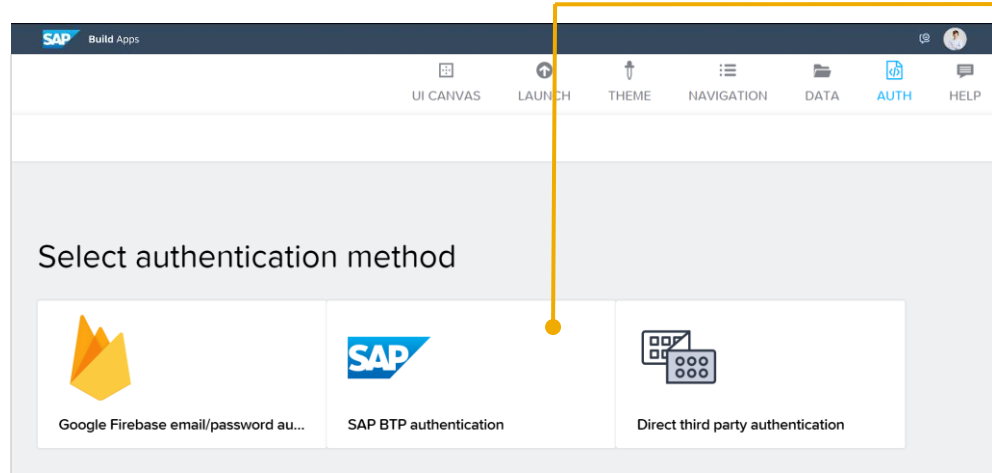
Key Backend Capabilities



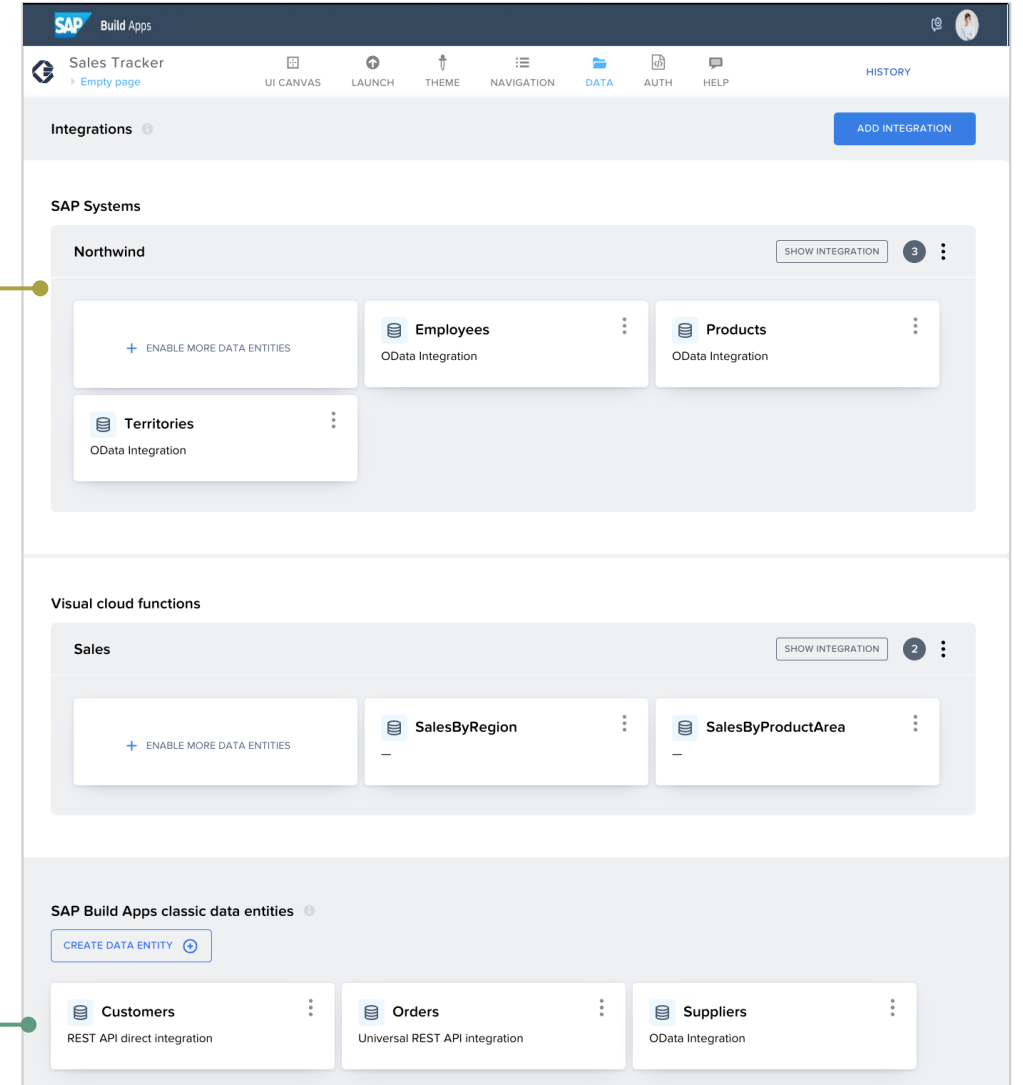
Powerful Features for Full-Stack No-Code Development

Key Integration Capabilities

SAP BTP Authentication



Native integration with SAP applications



OData & REST API integrations

Visual cloud functions
SAP BTP Destinations

Hear it From Our Customers

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:

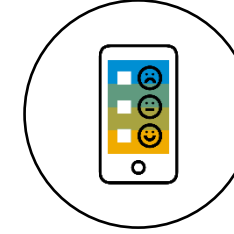
Build beautiful native apps for different platforms leveraging hundreds of ready to use UI, logic and data components.



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](#)

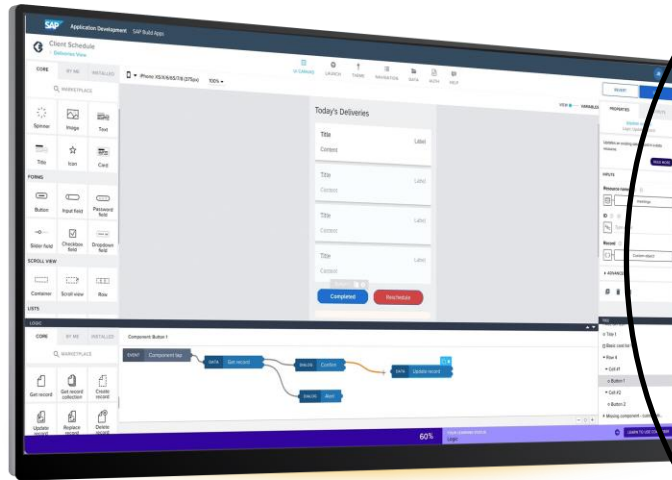
SAP Build

Create and augment enterprise apps, automate processes, and design business sites, all visually

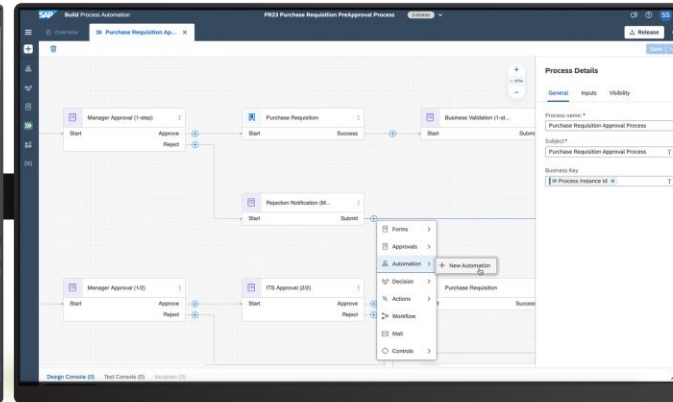
Compose apps

Automate processes

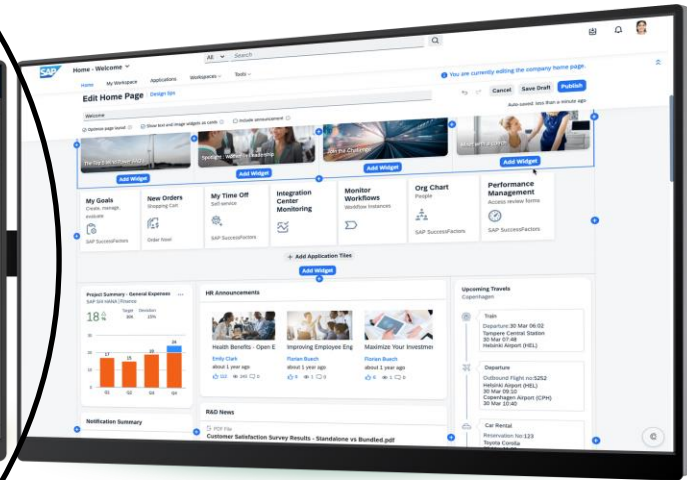
Design business sites



SAP Build Apps



SAP Build Process Automation

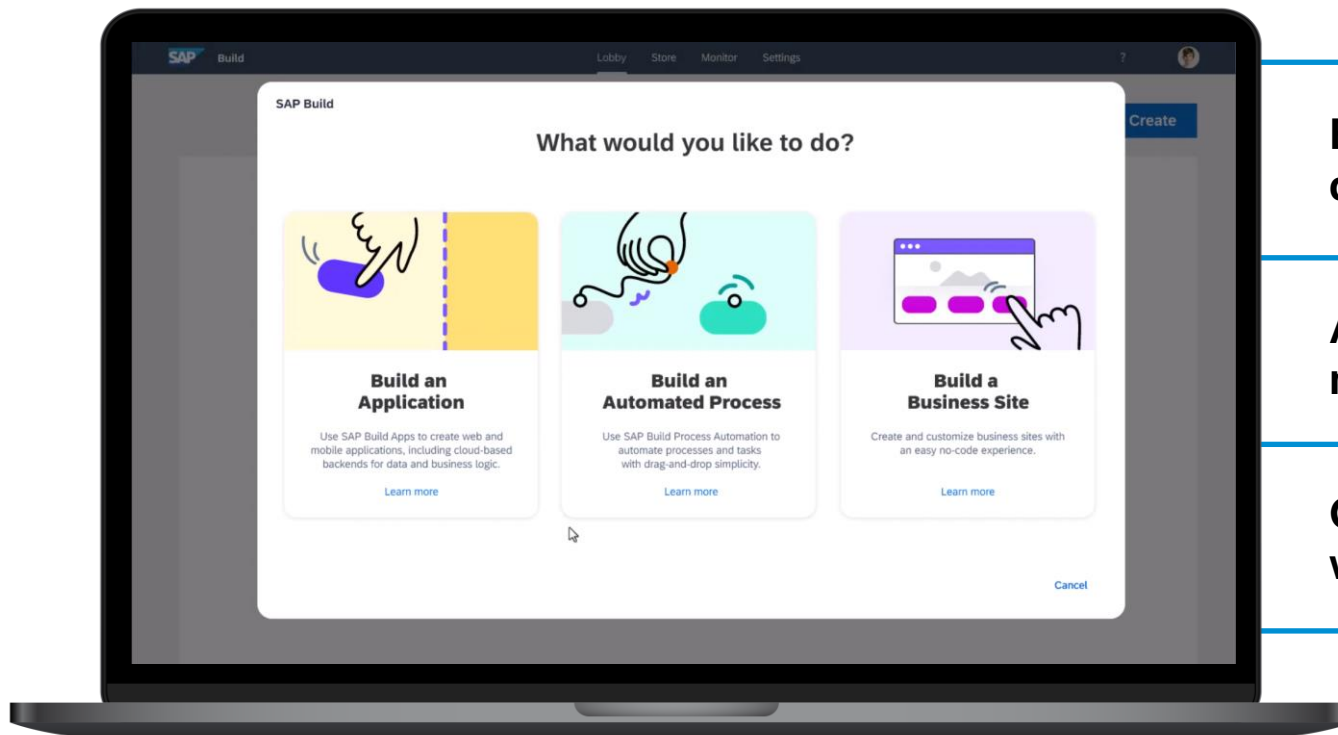


SAP Build Work Zone

Build Visually
Integrate Seamlessly
Collaborate Securely

SAP Business Technology Platform

Simplify process automation



Build with ease using visual drag-and-drop tools

Automate faster with workflow management, RPA, and AI capabilities

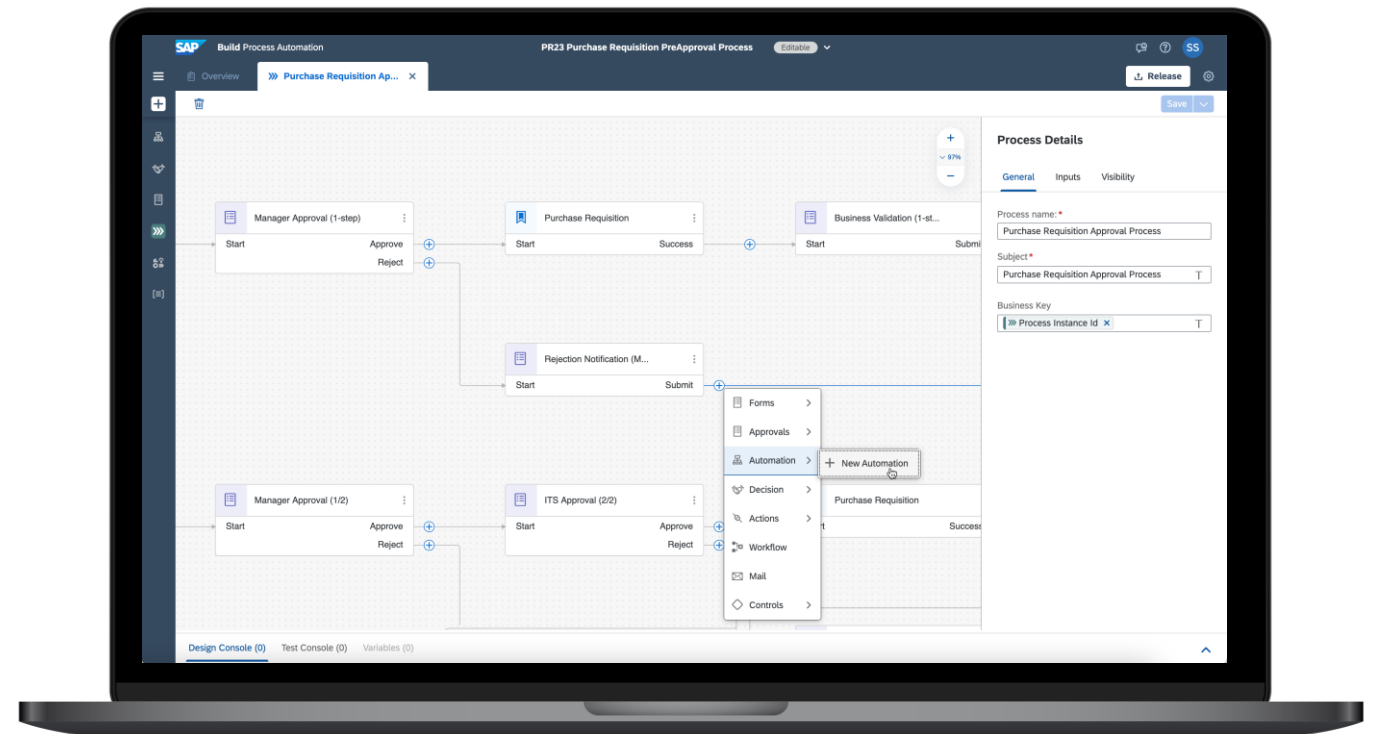
Get started with 1,300+ industry specific workflows and automation components

SAP Build Process Automation

Processes and workflows

Build, adapt, and organize process flows

- Visual no-code process builder
- Define start triggers, flows, process controls and more
- Directly add forms, decision logic and RPA bots into process flows

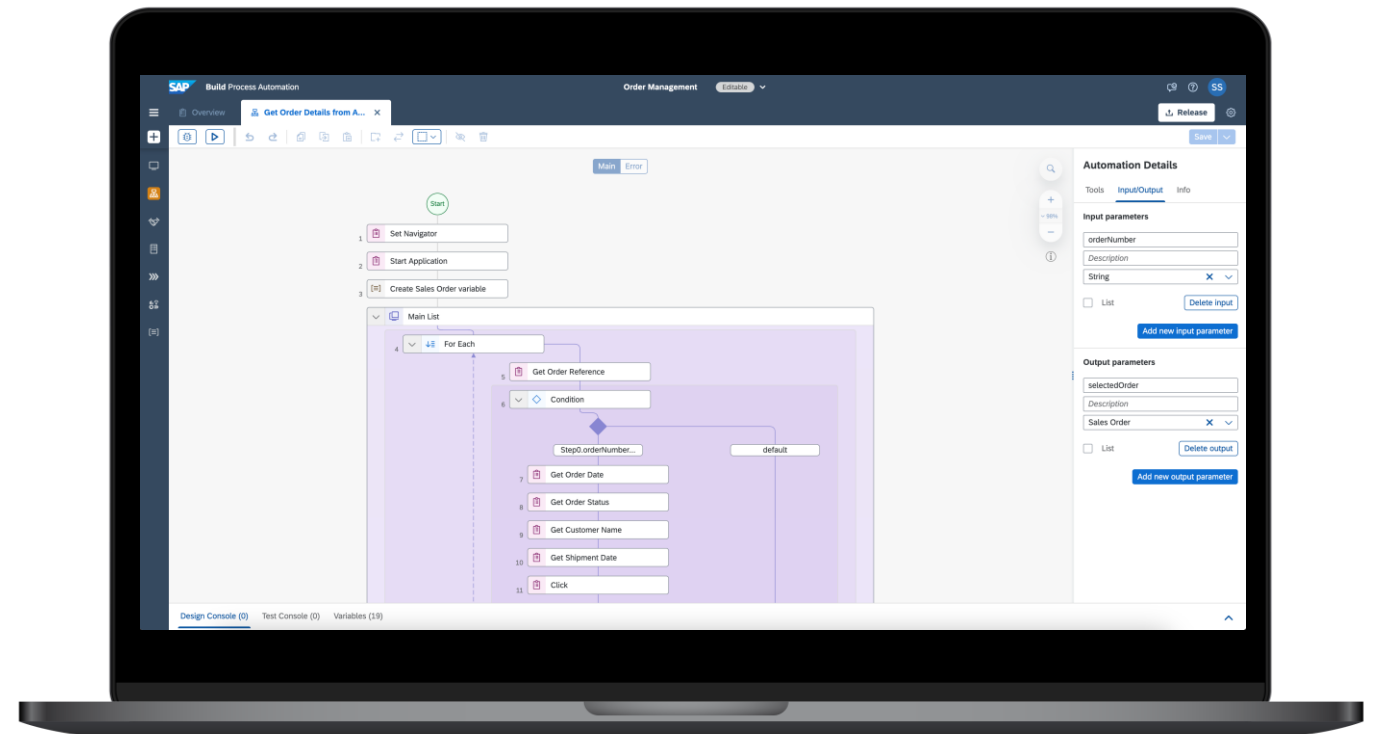


Process builder

Task automation

Automate routine tasks with robotic process automation (RPA) capabilities

- Automate repetitive manual tasks, high-volume tasks and multiple-system tasks
- No-code or low-code (JavaScript) experience depending on complexity
- Automation recorder for UI-based automations

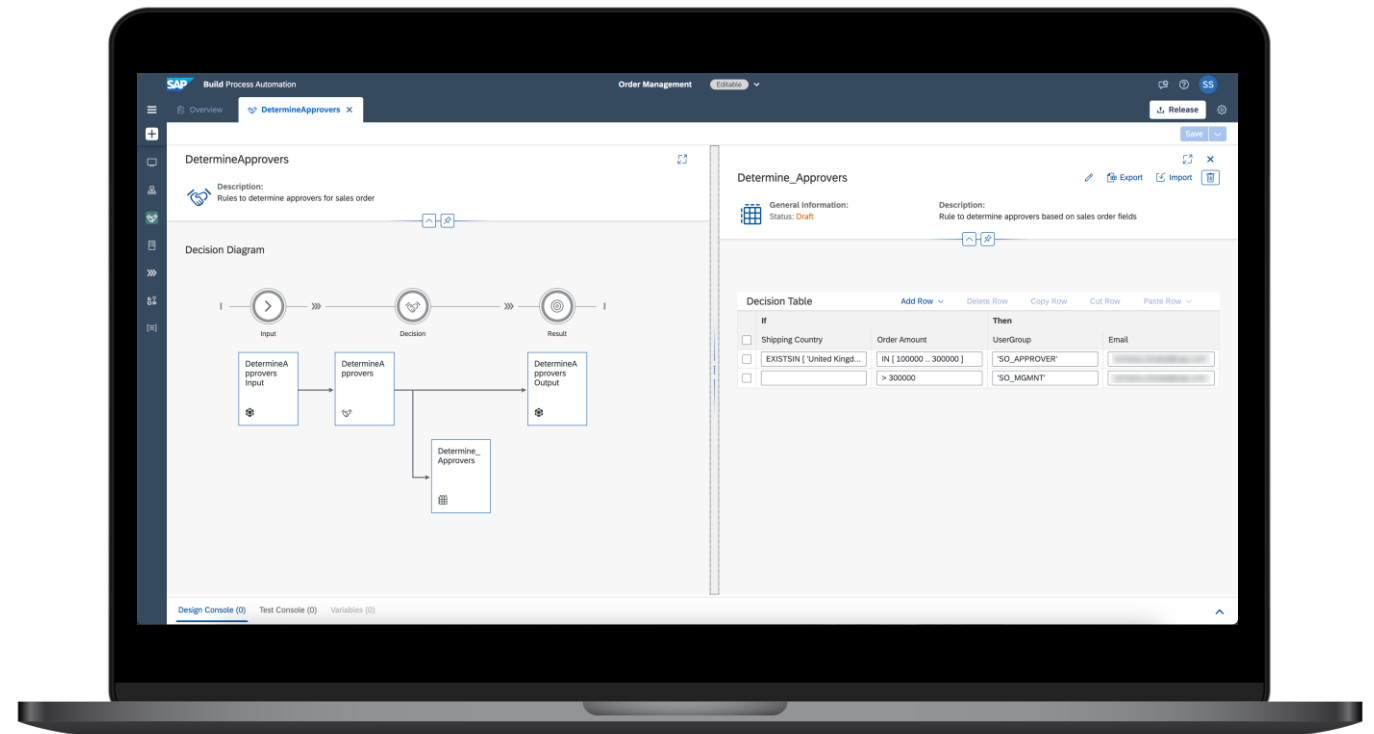


Automation editor

Business rules and decisions

Create and maintain business rules for decision management

- Spreadsheet-like decision tables or text-based rules
- Validation, error-highlighting, orchestration
- Create, maintain, and manage rule versions without relying on IT for additional development effort

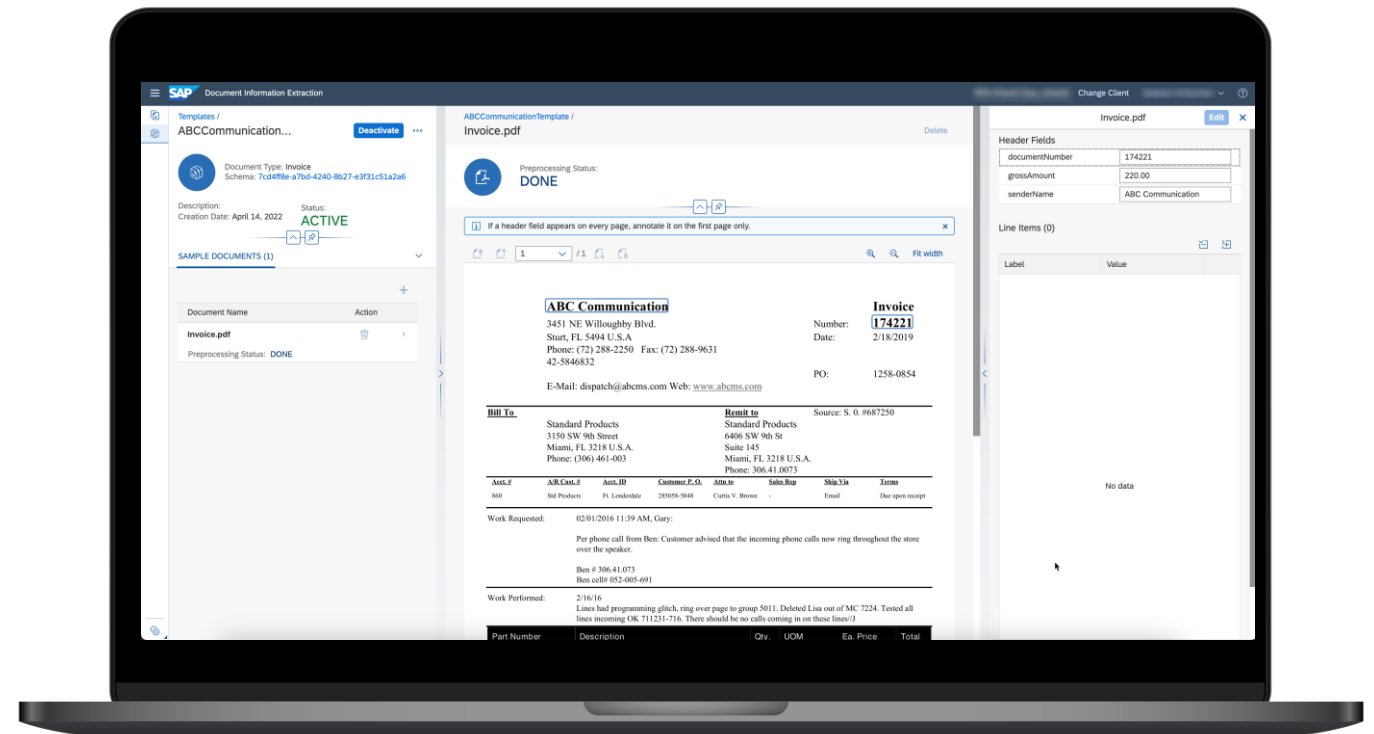


Business rules editor

Document understanding

AI-based document processing to use data from digital documents

- Extract data from digital documents, use them in the process and / or transfer them to your enterprise systems for processing
- Structured and unstructured data sources
- Pre-trained machine learning models and easy template creation without data scientists' support

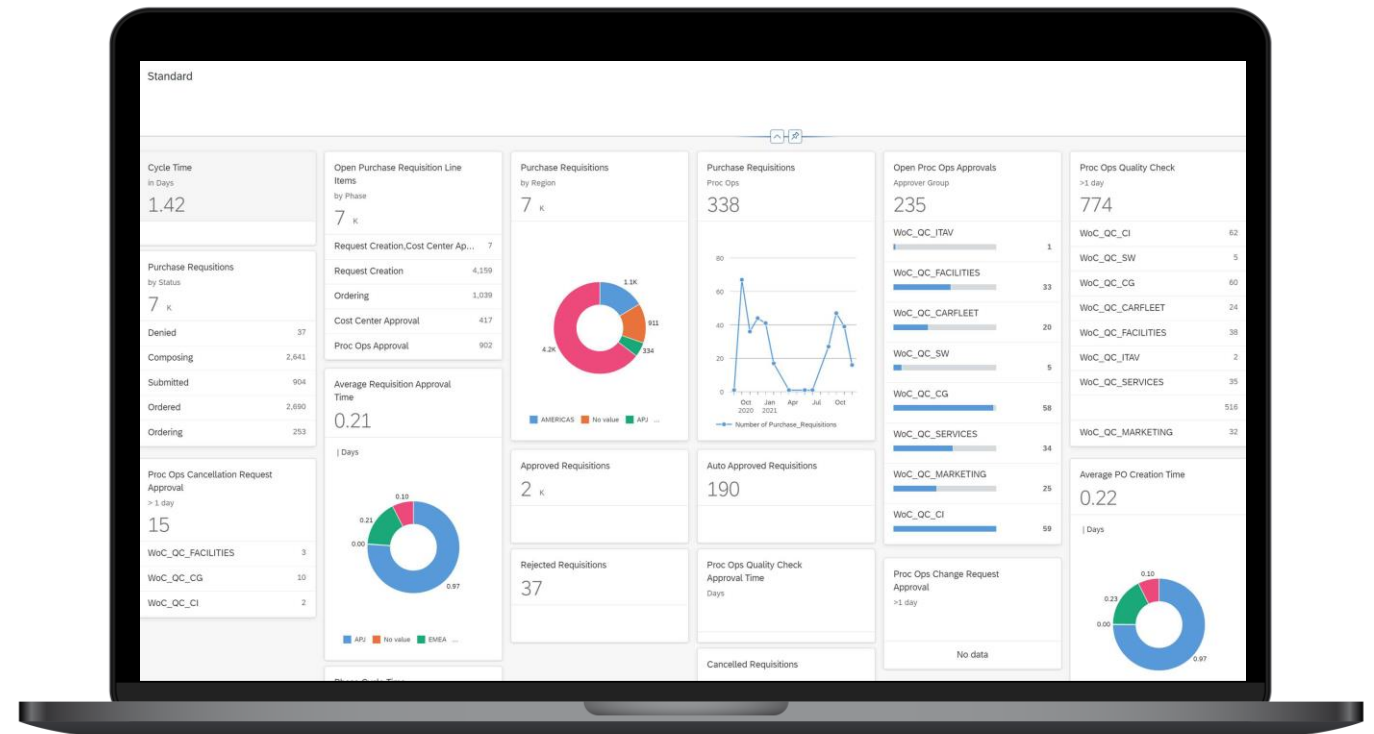


Data extraction template creation

Process visibility

Monitor and manage process performance

- Monitor processes in and across SAP and third-party applications
- Event-driven process views and AI-based cycle-time predictions
- Milestones, service-level-agreements and key performance indicators tracking



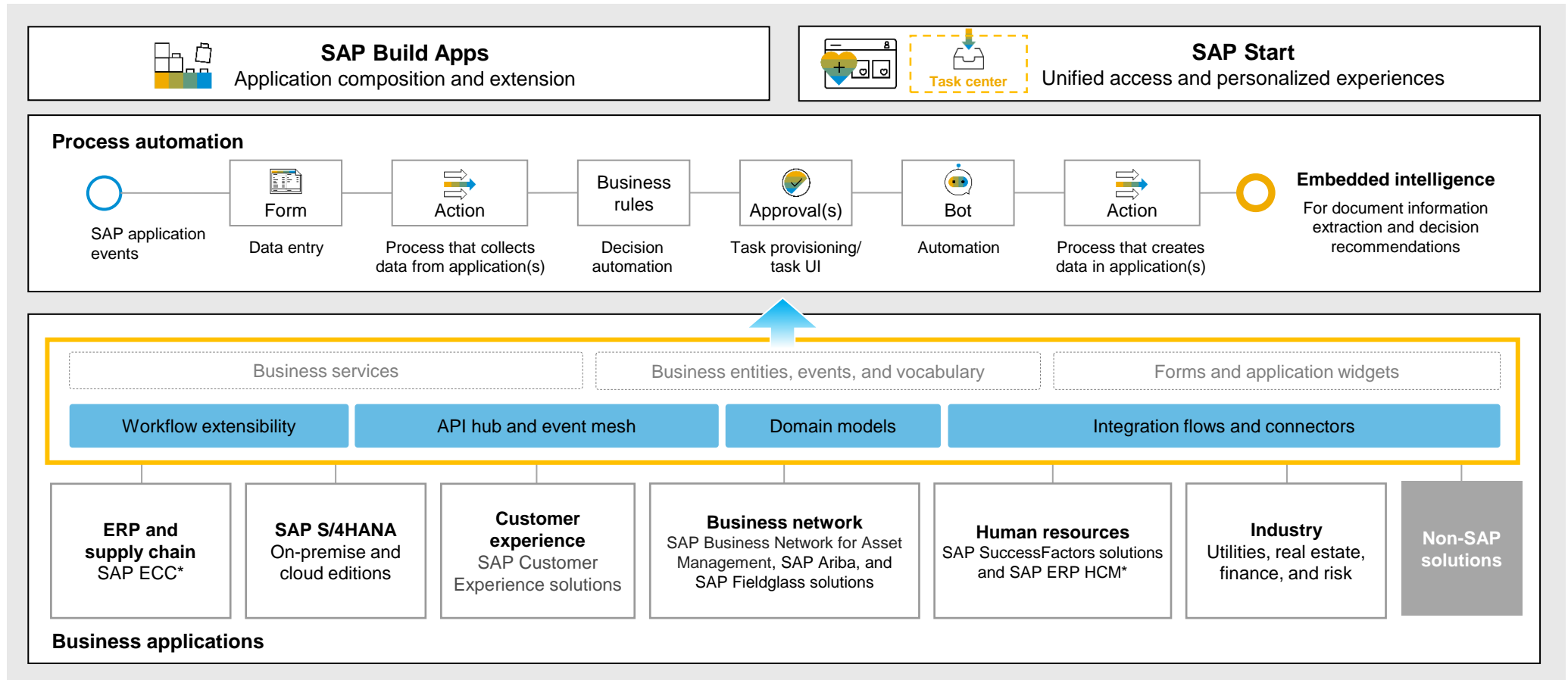
Process visibility dashboard

Native access to SAP application data and processes

Discover the full power of your business applications

Process extensions, cross-LoB workflows, and automations require semantic access to business objects, data, and services with:

Event integration | **Data** entry and forms with value helpers and context | **Actions** to create, read, update, and delete business records | Automated **tasks**



SAP Signavio

*Note: SAP ECC is SAP ERP Central Component and SAP ERP HCM is SAP ERP Human Capital Management

SAP Business Technology Platform

SAP Build Content Catalog

SAP Build offers pre-built processes, automation, and application templates for SAP Build Process Automation, SAP Build Work Zone, and SAP Build Apps.

Explore the content catalog to learn more about line-of-business and industry-specific content that is designed specifically to enhance SAP applications such as SAP ECC, SAP S/4HANA, SAP Business by Design, SAP Ariba, SAP SuccessFactors, and more.

[Experience SAP Build](#)

Projects (323)

Last Updated 

Filter By [Clear filters \(0\)](#)

▼ Project Type

- ☒ Process
 - ☐ Task Automation
 - ☐ Business Process
 - ☐ Live Processes

> ☐ Application

☐ Action

> Format Type

> Free Or Paid

> Catalog

> Product

> Publisher

Task Automation

Outbound Delivery - Post Goods Issue for Non-...

Automatically performs Post Goods Issue (PGI) for all Outbound...

Publisher : SAP S/4HANA

Free

[Ready to use](#) [Template](#)

Task Automation

Post Goods Movement (4FP)

Automates Posting and Reversing of Goods Movement from Excel in...

Publisher : SAP S/4HANA

Free

[Ready to use](#) [Template](#)

Task Automation

Intelligent Production Order Conversion (4HR)

Automatically performs the Production Order Conversion in...

Publisher : SAP S/4HANA

Free

[Ready to use](#) [Template](#)

Task Automation

Create Purchase Requisitions from Excel (48M)

Enables mass creation of Purchase Requisitions in SAP S/4HANA...

Publisher : SAP S/4HANA

Free

[Ready to use](#) [Template](#)

Task Automation

Automated Upload of Manual Entries via API (4CA)

Automates mass upload of manual G/L journal entries and other FI...

Publisher : SAP S/4HANA

Free

[Ready to use](#) [Template](#)

Task Automation

Creation of Inbound Delivery (4QK)

Extracts Excel file attachments of inbound delivery requests from...

Publisher : SAP S/4HANA

Free

[Ready to use](#) [Template](#)



Innovation in Compliance through Automation of Invoice Auditing Process

Challenge

Avaya Corporation, an American multinational technology company provides cloud communications and workstream collaboration services. Avaya wanted to reduce the time required to validate expense receipts in SAP Concur (typically, two to three minutes per invoice) and capture all the mismatching IDs. Those mismatched invoices would then be sent manually to both the employee and the manager via email for verification. This was a costly, inefficient, and time-consuming process requiring considerable resources.

Solution

With SAP Signavio, Avaya is able to understand and measure its process ecosystem, thereby harmonizing planning across the business and providing an incontrovertible single source of truth to planners. In shifting from a competitive RPA tool to SAP Build Process Automation and leveraging SAP Integration Suite, Avaya recognized how easy it was to connect both SAP and non-SAP systems to its automations.

Now, Avaya has increased its planning transparency and accuracy and supports agile decision-making through scenario planning. And, the closed-loop planning process enables better production planning because it is now possible to plan not only values but also volumes at any level of detail, thus avoiding discrepancies between financial and operational plans.

Outcome

With enterprise automation with SAP, Avaya built and deployed an automated bot with built-in artificial intelligence (AI) in under 60 days. By validating over 25,000 invoices per year with zero human intervention, this one bot is saving Avaya over 2000 hours of manual effort per quarter and is delivering a 300% increase in productivity & effectiveness in the invoice audit process. It enables response times faster than those of humans, and it enhances accuracy, avoiding human errors and is able to operate 24/7/365.

AVAYA

2000

Manual hours of effort saved every quarter with enterprise automation.

300%

Increase in productivity & effectiveness in audit process and incident management tracking.

91%

Efficiency & precision in SAP Concur invoice audit process – record to receipts.

[Read the full story](#)

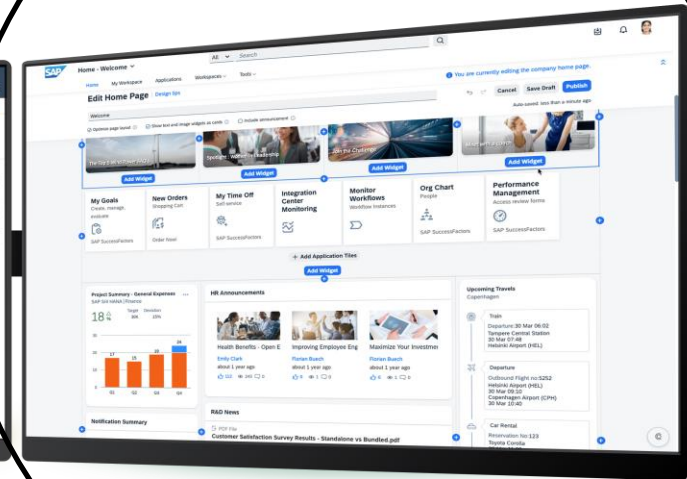
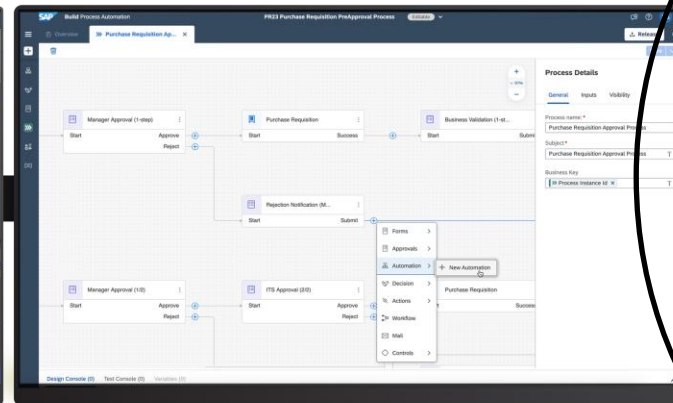
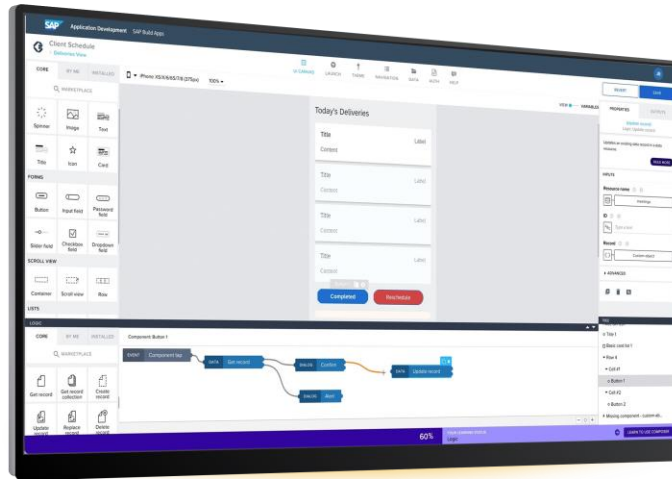
SAP Build

Create and augment enterprise apps, automate processes, and design business sites, all visually

Compose apps

Automate processes

Design business sites



SAP Build Apps

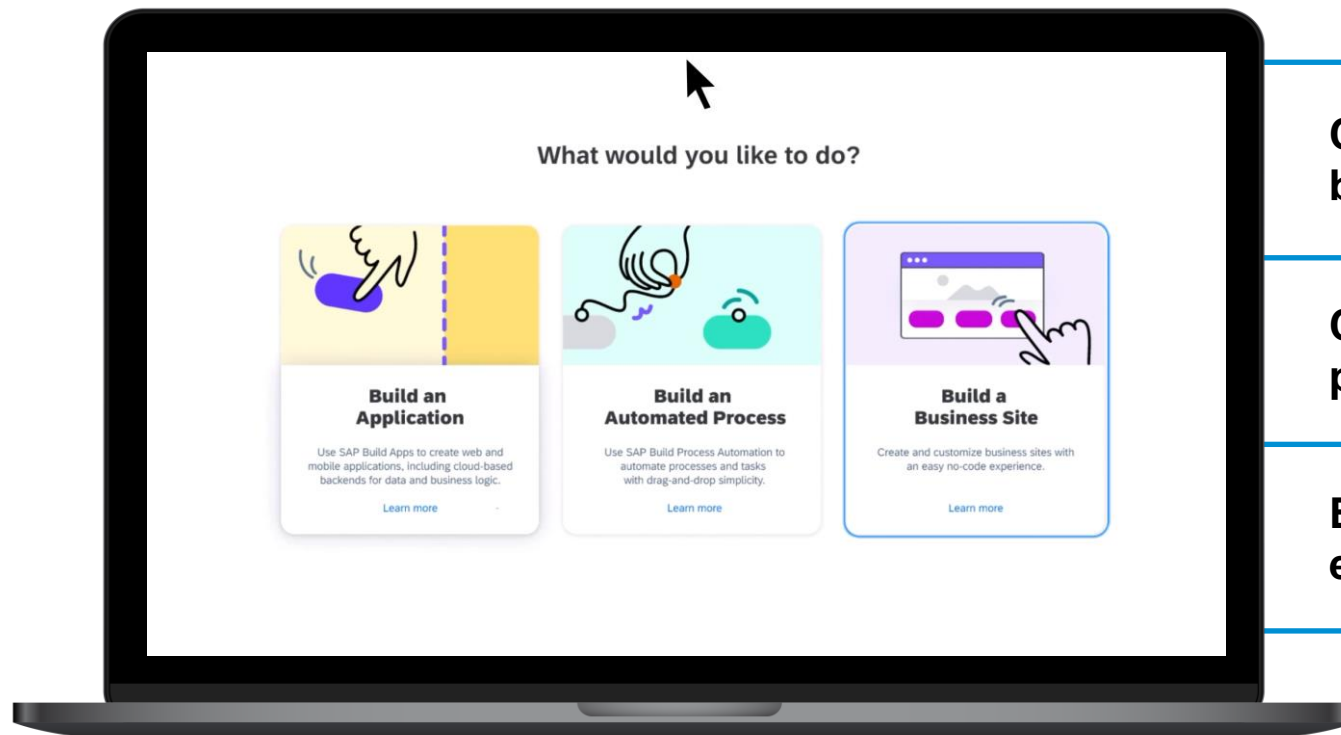
SAP Build Process Automation

SAP Build Work Zone

Build Visually
Integrate Seamlessly
Collaborate Securely

SAP Business Technology Platform

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

A Modular Offering for the Central Entry Point from SAP

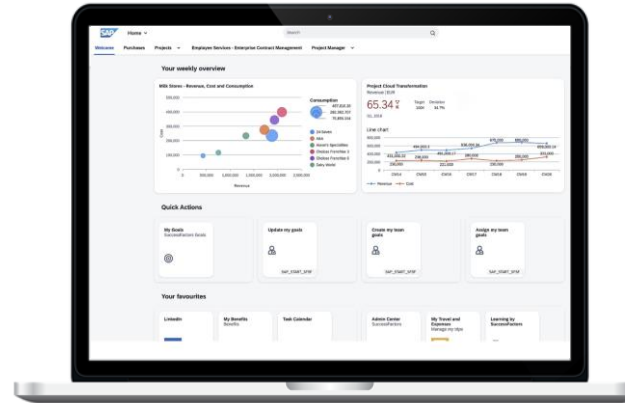
SAP Start



Pre-packaged Entry Point

- Search, to dos & interest cards
- Content from SAP Cloud LoBs (S/4HANA & 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 & MSFT integration

SAP Build Work Zone - at a glance



MENU BUILDER

Empowering businesses with easy-to-manage, engaging & modern intranet experiences



PERSONALIZED

My Workspace available for users to create their own dashboard-like experience



WORKSPACES

Self-service personal, project, topical, departmental and community workspaces



UI INTEGRATION CARDS

Embed and display SAP and third-party business data from across your organization



MOBILE READY

Anytime, anywhere access with responsive web and a dedicated mobile app



KNOWLEDGE BASE

Create, retain and share knowledge across the entire organization



MY INBOX

Quickly process incoming tasks and workflow items that matter to you



SEARCH

Discover and find information with powerful content and document indexing



GUIDED EXPERIENCES

Run guiding user experiences on top of workflows



SAP BUSINESS APPS

Quick access to SAP S/4HANA and other frequently used business apps



COMMUNICATE AND ENGAGE

Self-sufficient, freeform layout and drag-and-drop design to engage employees



EXTEND AND DEVELOP

Extend with full IDE based on SAP Business Application Studio



Integration Scenarios for SAP Build Work Zone Overview

Business Apps

SAP Fiori tiles and Common Data Model creates central entry-point to all supported applications



Central Services

For example, a unified approval inbox or user authentication & provisioning



APIs & Webhooks

Comprehensive (mostly) OData based APIs and Webhooks for different integration scenarios.



Content & Collaboration

SAP Build Work Zone integrates with Microsoft Teams and Microsoft SharePoint Online to complement out of the box product features



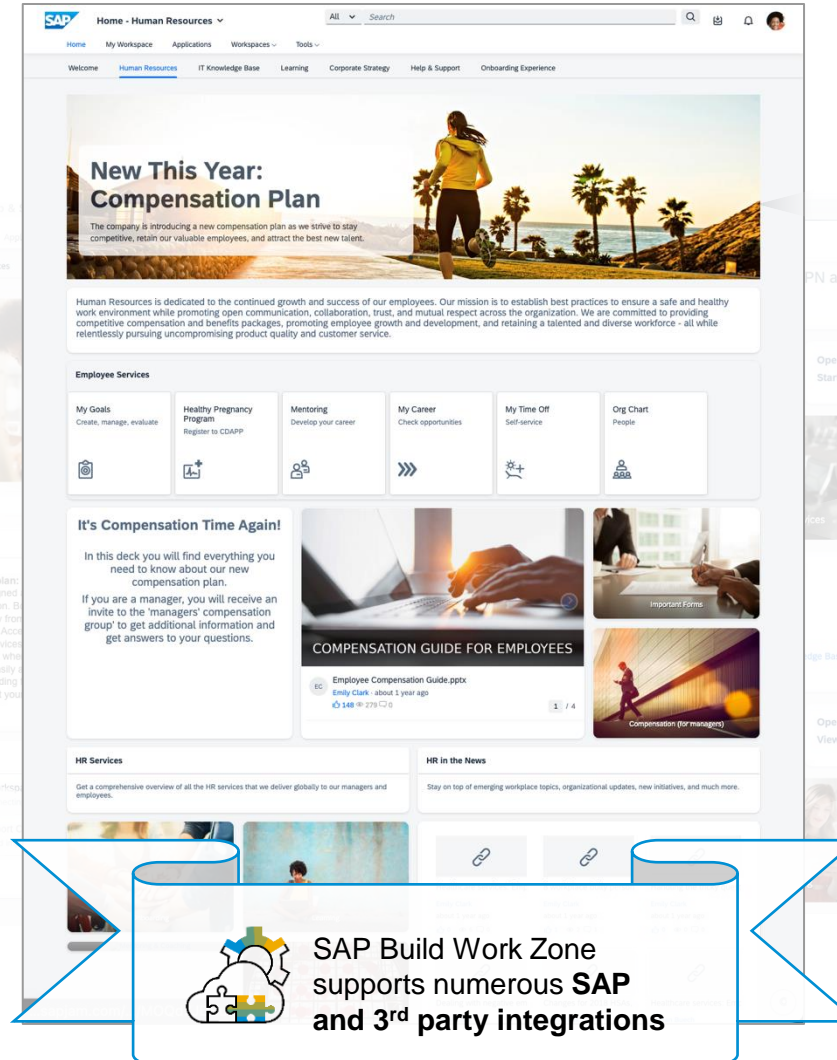
SAP SuccessFactors

SAP SuccessFactors integration content, for instance to combine formal and informal learning

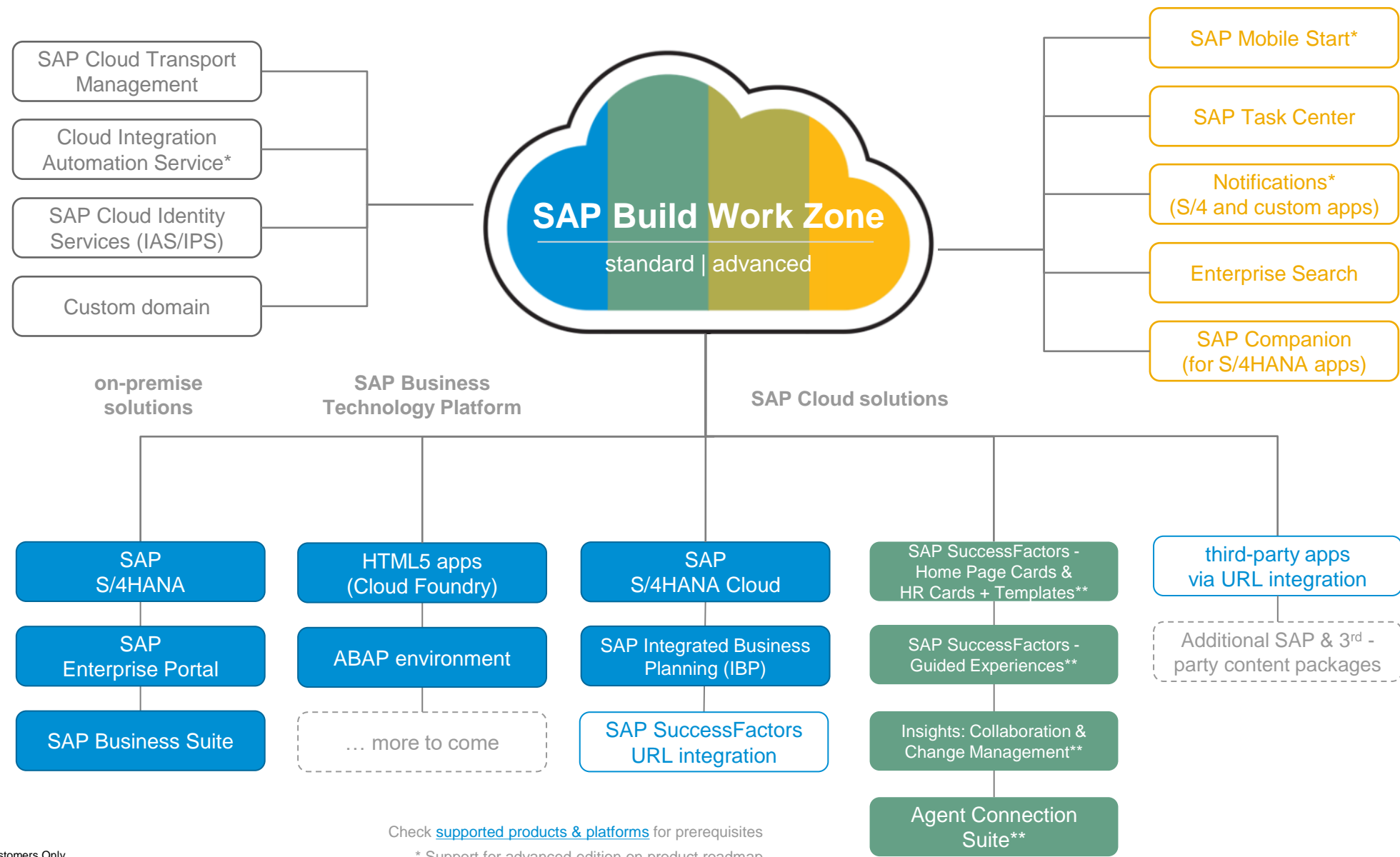


Digital Supply Chain

SAP Integrated Business Planning (IBP) in Supply Chain Management to follow-up on tasks



Cross SAP Integration Scenarios

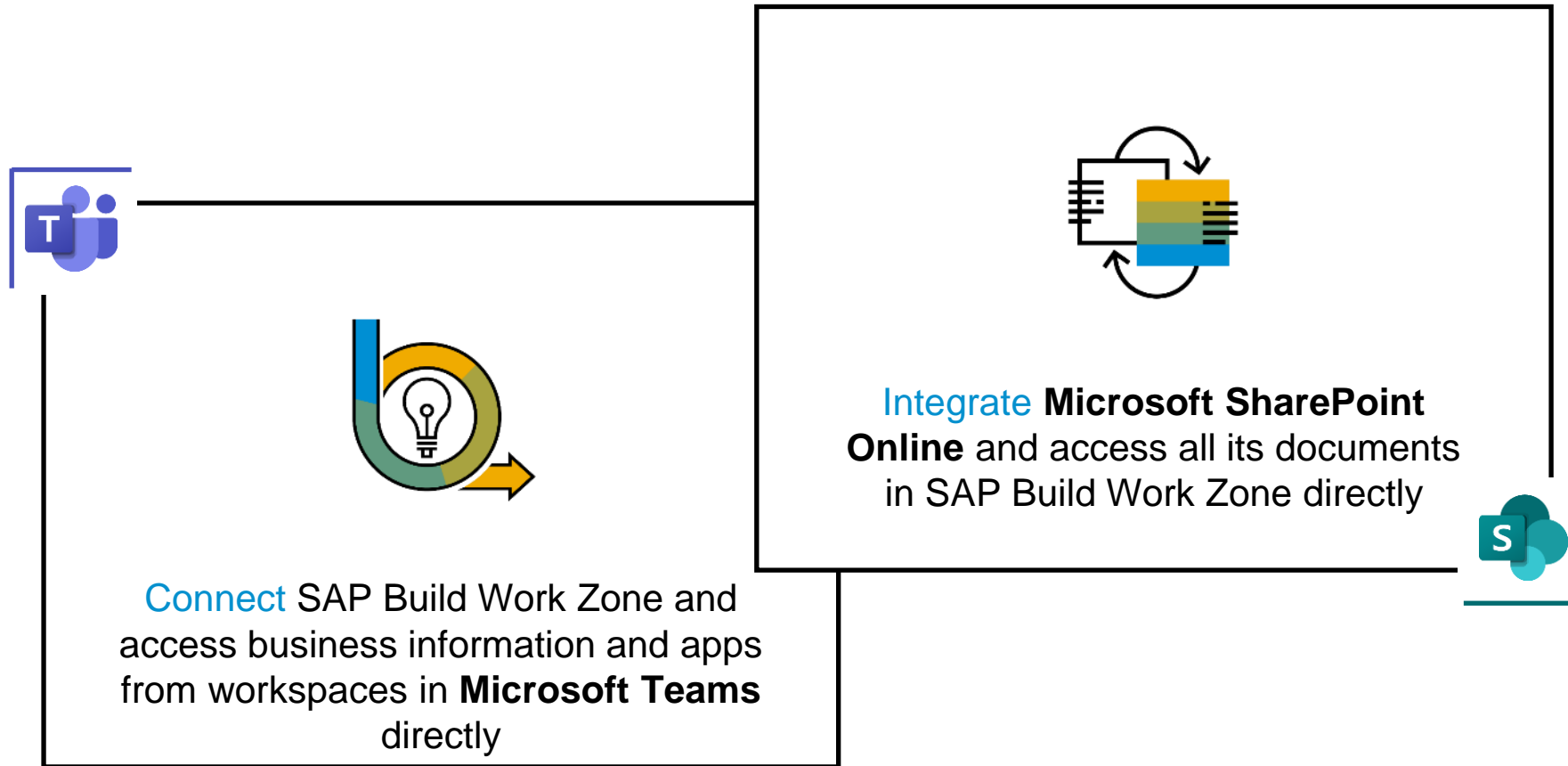


Check [supported products & platforms](#) for prerequisites

* Support for advanced edition on product roadmap

** Only supported for advanced edition / SuccessFactors WZ

Microsoft Teams and SharePoint Online

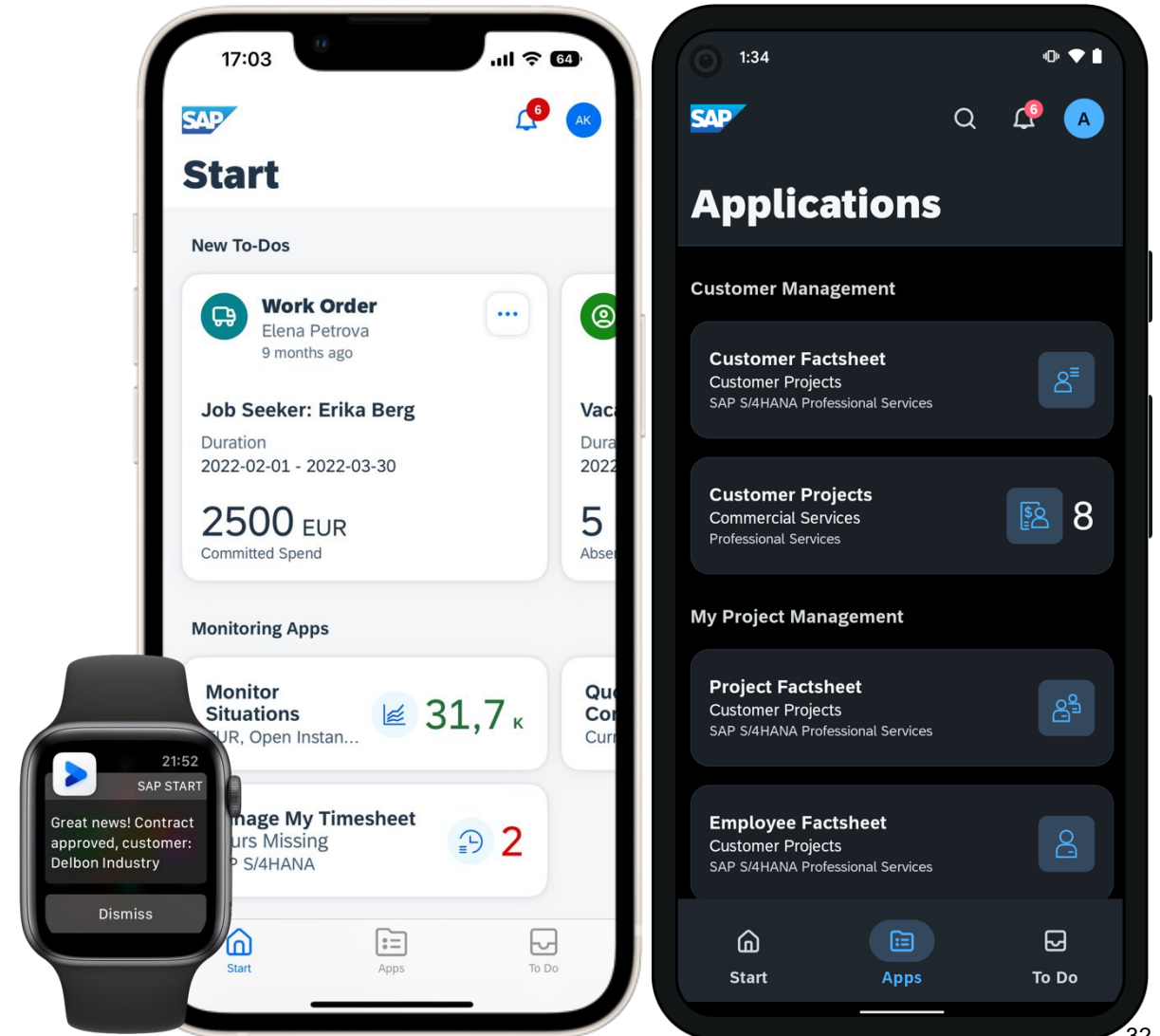


Reduce UX context switches by using standard integration with third-party apps

SAP Mobile Start

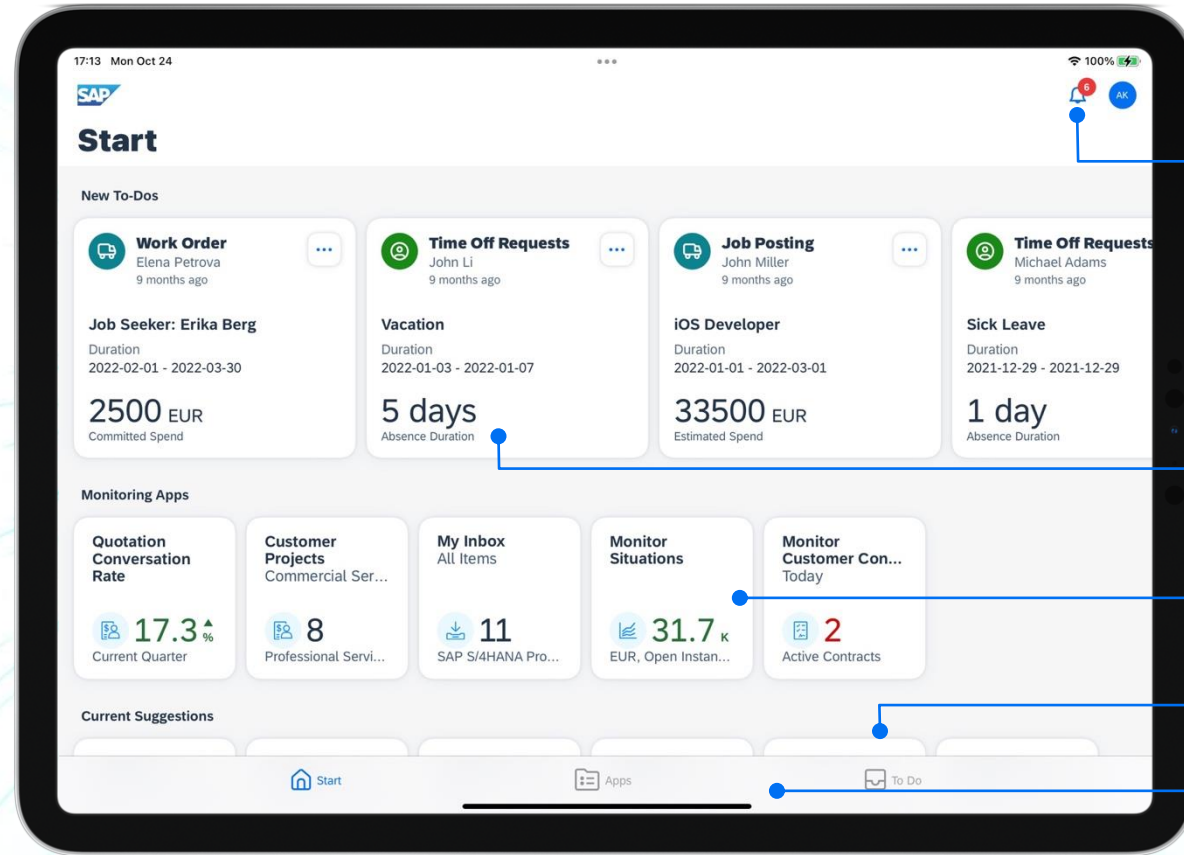
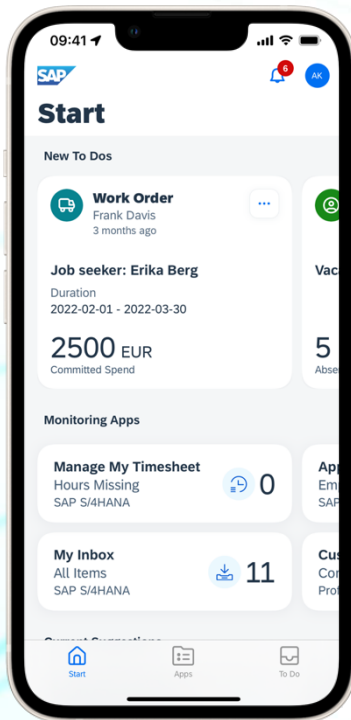
Your native entry point to the Intelligent Enterprise

- Seamless mobile access* to the Intelligent Enterprise
 - SAP S/4HANA business processes and data
 - Native LoB applications, like SAP SuccessFactors
 - SAP S/4HANA notifications
- Consolidated view on tasks such as approval workflows
- Consumer-grade user experience and superior performance
- Improves productivity, agility and work flexibility



Native Entry Point to the Intelligent Enterprise

iOS devices



Notification Center

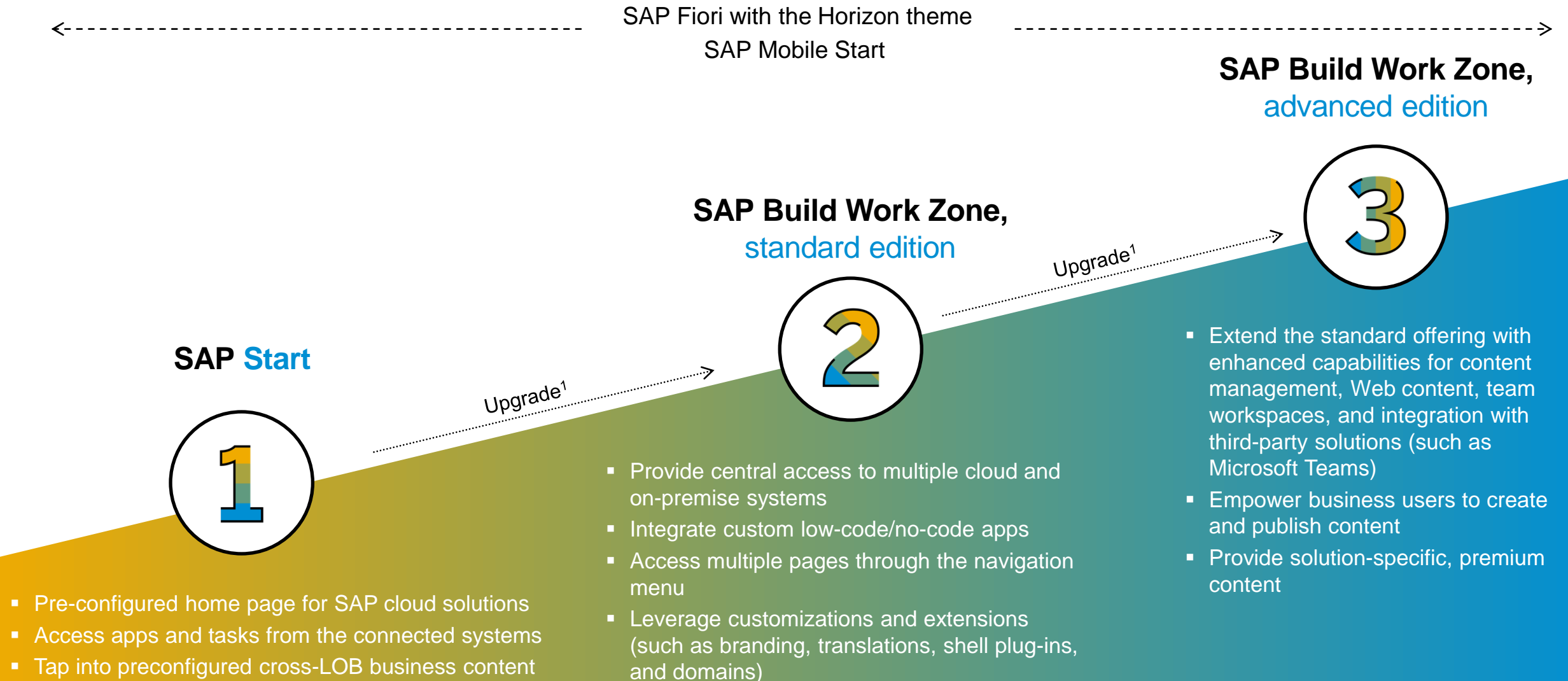
New To Dos

Native & Web Apps

Web links &
Newsfeed

Apps & To Do Tabs

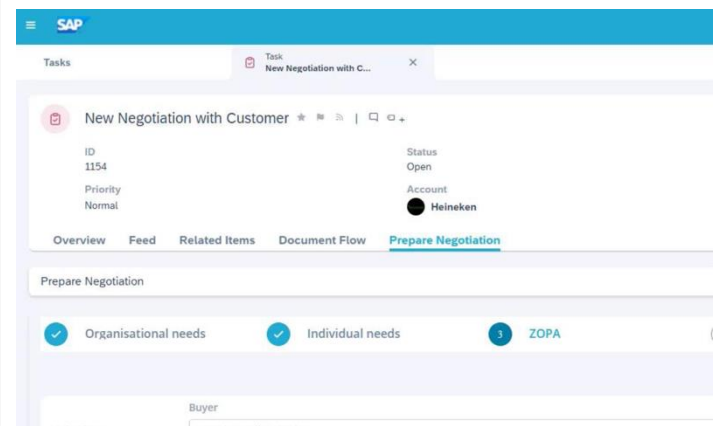
A modular offering for the central entry point from SAP



¹ In-place upgrade on roadmap

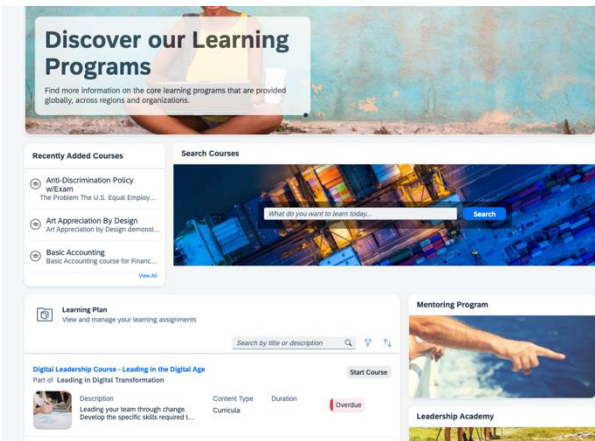
SAP Build Use Cases - Extend and Automate SAP LOB Applications

SAP Service & Sales Cloud



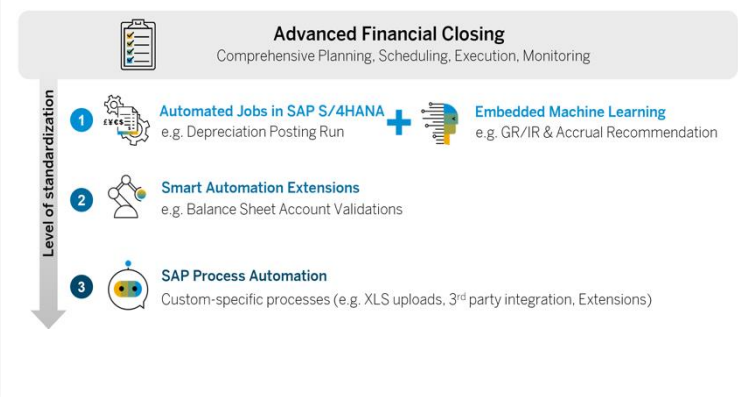
Extend SAP Service and Sales Cloud with low-code to improve customer experience and reduce TCO

SAP SuccessFactors



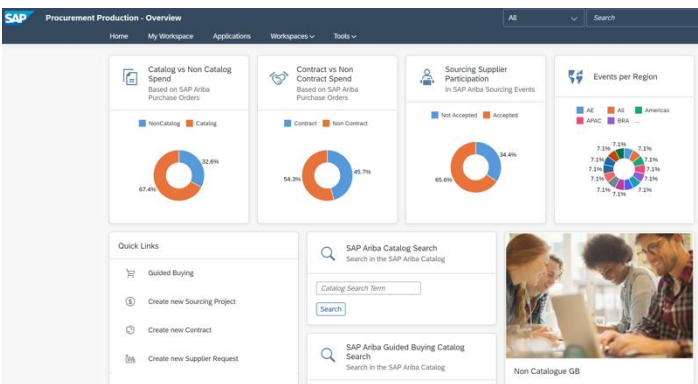
Enhance HR experiences leveraging content provided with SAP Build Work Zone and SAP Build Process Automation

SAP S/4HANA



Automate SAP S/4HANA processes with pre-built content in SAP Build Process Automation

SAP Ariba



Optimize procurement with pre-built content created in SAP Build Work Zone

End-to-end use case

Support employee relocation with comprehensive HR experience

- **Provide clear guidance and streamline** the relocation journey
- **Arrange logistics and settlement support** in the host country
- **Ensure compliance** with regulations and taxations
- **Leverage external partner portals** for relocation support functions



SAP Build Process Automation

Unified relocation process: task assignments and meeting scheduling involving employee, HR BP, and receiving manager.



SAP Build Apps

Customized apps for employees to complete assignments and HR BPs to input data or provide requirements.



SAP Build Work Zone

Relocation workspace: Guided Experience for employee information, and HR Workspace for HR BPs.

End-to-end use case

Build specialized workspaces and processes for Bid Management

- **Automate RFP** response creation
- **Ensure** smooth cross-team collaboration
- **Utilize existing S/4 HANA Professional Services** for response management
- **Optimize response management** by offering specialized workspace



SAP Build Process Automation

End to end bid process – automation from uploaded RFP document up to approval of bid submission.



SAP Build Apps

Submit RFP, view RFP requirements and recommend solutions, teams and consultants – create high level plan and send for approval.



SAP Build Work Zone

Bid Management team's workspace with App and other knowledge articles, forums to discuss on specific bids, etc.

End-to-end use case

Create dashboards for company & idea management

- **Streamline data maintenance process** for improved efficiency and accuracy
- **Simplify monthly utilities usage** and expense data collection
- **Eliminate errors** and redundancies in the data collection process
- **Ensure better data quality** and increase transparency



SAP Build Process Automation

Approval process that gets triggered by sustainability app and send notification to respective manager. Upon approval, data gets maintained in S/4HANA.



SAP Build Apps

Build a mobile & desktop app to maintain utilities data, either manually, or by scanning utility bills, then submit for approval.



SAP Build Work Zone

Sustainability dashboard with gamification elements (cross group competitions), connecting to aggregated SAC data + also allows to launch the app and approve incoming data submissions.

Good governance of citizen development is essential for low-code success

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

- Endangered security and compliance
- Risk of proliferation by citizen developer
- Shadow IT

LCNC Developer

- Scalable governance framework catering to the needs of LCNC suite and business stakeholders
- Flexibility for development and scaling

Pathway to citizen developer empowerment



Engage Stakeholders early



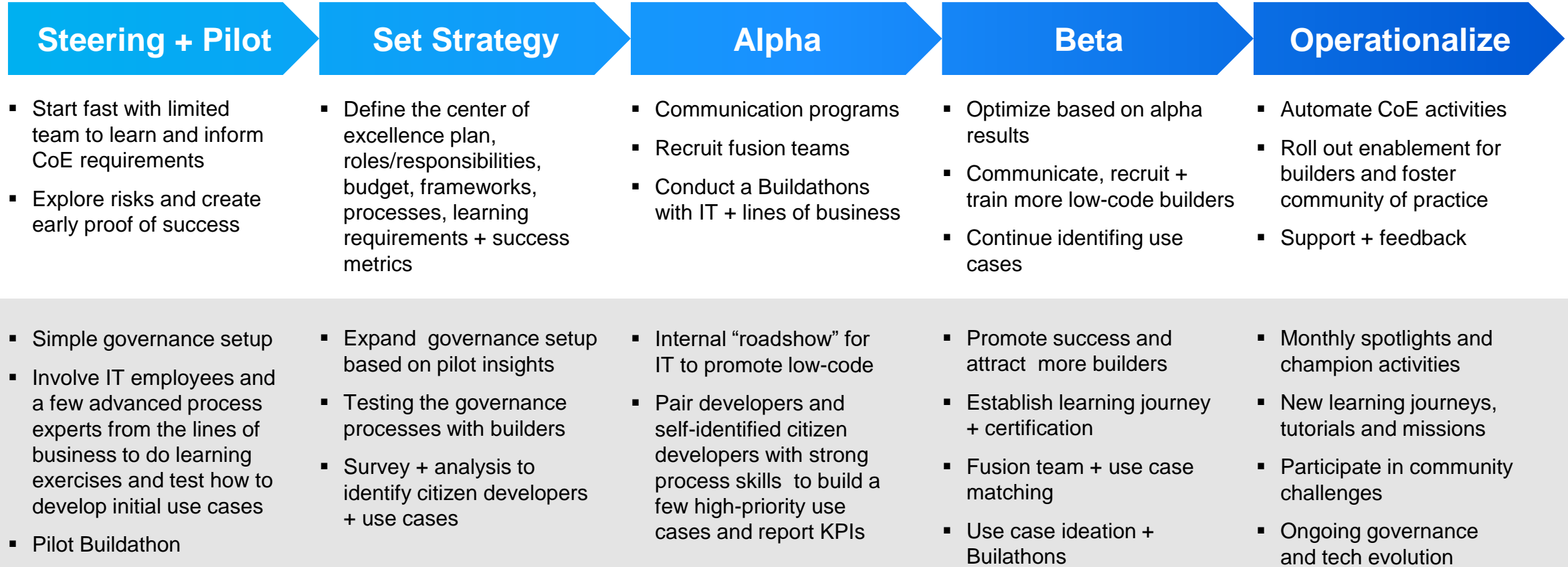
Training/ Certification for citizen developers on low-code tooling



Robust and concise downloadable documentation

Setting up and rolling out an SAP Build center of excellence

Good governance guides rapid adoption



Your journey

1

**Sign up to SAP BTP
Free Tier and Activate
Service Boosters**

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

2

**Learning and
Get Certified**

- [Citizen Developer](#)
- [Certification Exam](#)

3

**Join our
Communities**

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

4

**Get
Social**



5

**Start Building
Tutorials**

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

6

**Become an evangelist
for Low-Code in your
organization:**

- [Join SAP Builders group](#)

Learn more!

Technical

- [Sign up to SAP BTP Free Tier](#)
- [Understand BTP Platform](#)
- **Activate Service Booster**
 - SAP Build [Apps](#)
 - SAP Build [Process Automation](#)
 - SAP Build [Work Zone](#)
- **Get Certified**
 - [Citizen Developer](#)
 - [Certification Exam](#)
- [Roadmap](#)
- [Discovery Center](#)

Social

- **Communities**
 - SAP [Builders](#)
 - SAP Build [Apps](#)
 - SAP Build [Process Automation](#)
 - SAP Build [Work Zone](#)
- **LinkedIn**
 - SAP [Build](#)
- **Twitter**
 - SAP [Build](#)
- [Monthly newsletter](#)
- [Upcoming Events](#)

Tutorials

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

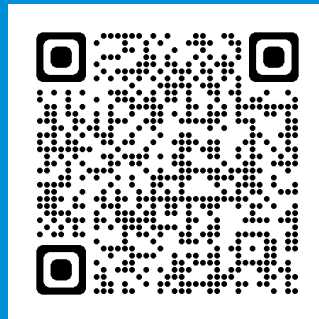
BUSINESS REIMAGINED

Build and Automate Tour 2023

**Register
today!**

SAP Finland
Keilasatama 5, Espoo
November 10, 2023

Learn to build SAP software
without writing any code.



Thank you.

Contact information:

