



The Universe of SAP BTP in a Nutshell – SAP Build

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PUBLIC



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Digitalization Challenges

Organizations Struggle to Innovate at the Speed the Business Demands

**Volatile
Markets**

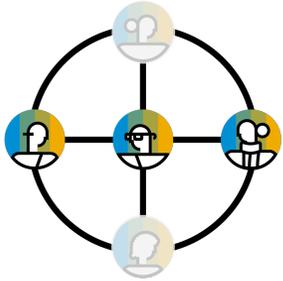
**Limited
Resources**

**Complex
IT Landscapes**



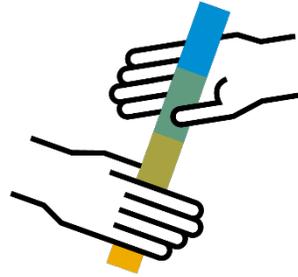
How Low-Code is Changing Development

Trends and Benefits from Low-Code Adoption



15%

shortage of
full-time developers
by 2025*



50%

reduce developer turnover
shifting mundane tasks
to low-code**



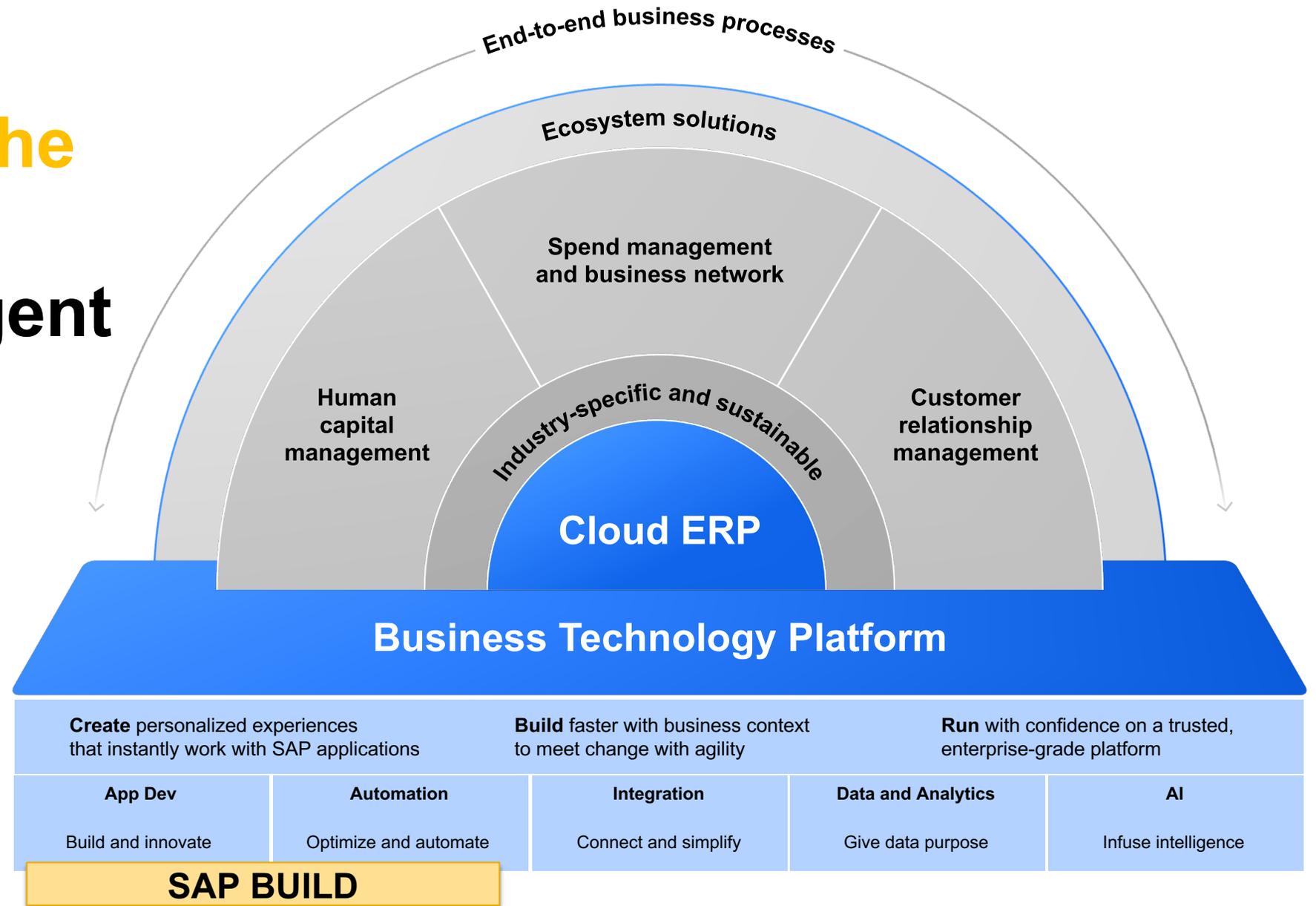
60%

significantly increase
investment in low-code over
the next 18–24 months**

* [The Low-Code Development Imperative](#), IDC, Nov 2021

** [Breaking the Code – How Low-Code is Changing Development](#), IDC, May 2022

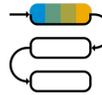
SAP BTP is the foundation of the Intelligent Sustainable Enterprise



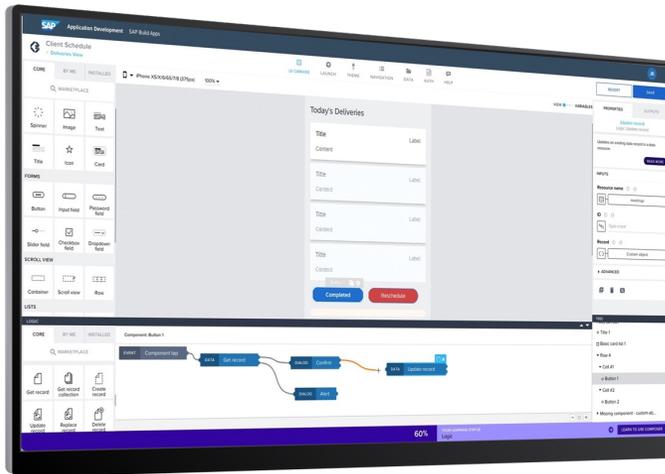
SAP Build

Create enterprise apps, automate processes, design business sites with drag-and-drop simplicity

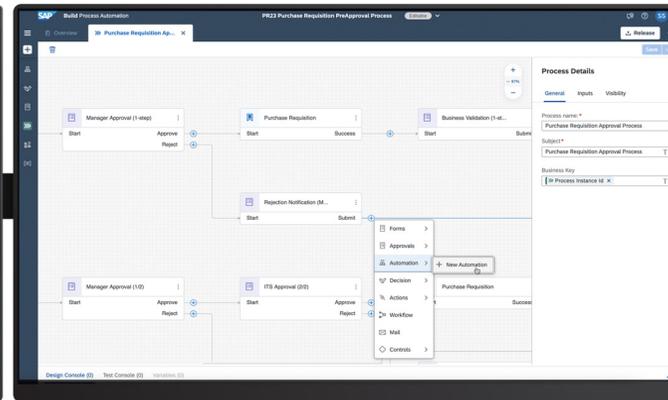
 **Compose apps**

 **Automate processes**

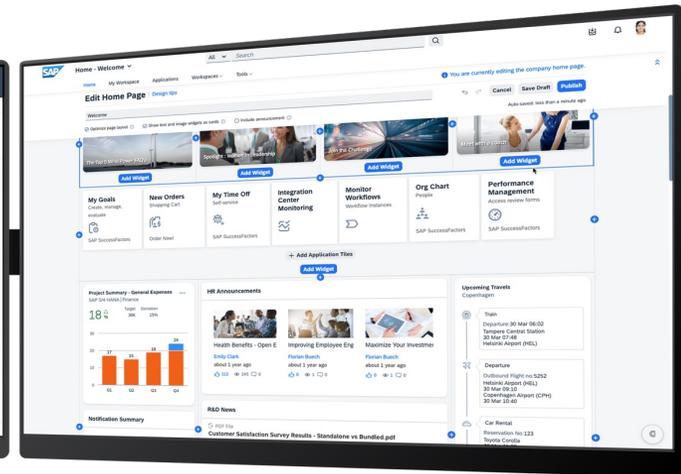
 **Design business sites**



SAP Build Apps



SAP Build Process Automation



SAP Build Work Zone

Build Visually
Integrate Seamlessly
Collaborate Securely

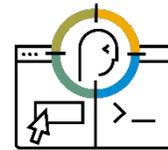
SAP Business Technology Platform

Meet SAP Build Apps



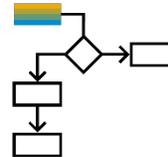
SAP Build Apps

Build Full-Stack Enterprise-Apps in Minutes - Absolutely Zero Coding Required



Drag-and-drop the user interface

Access a pallet of user interface controls, drag them into place, and preview the final result in real time.



Create any logic without code

Drag-and-drop any logic function – sensors, file operations, data functions, animations, and more – onto a canvas.



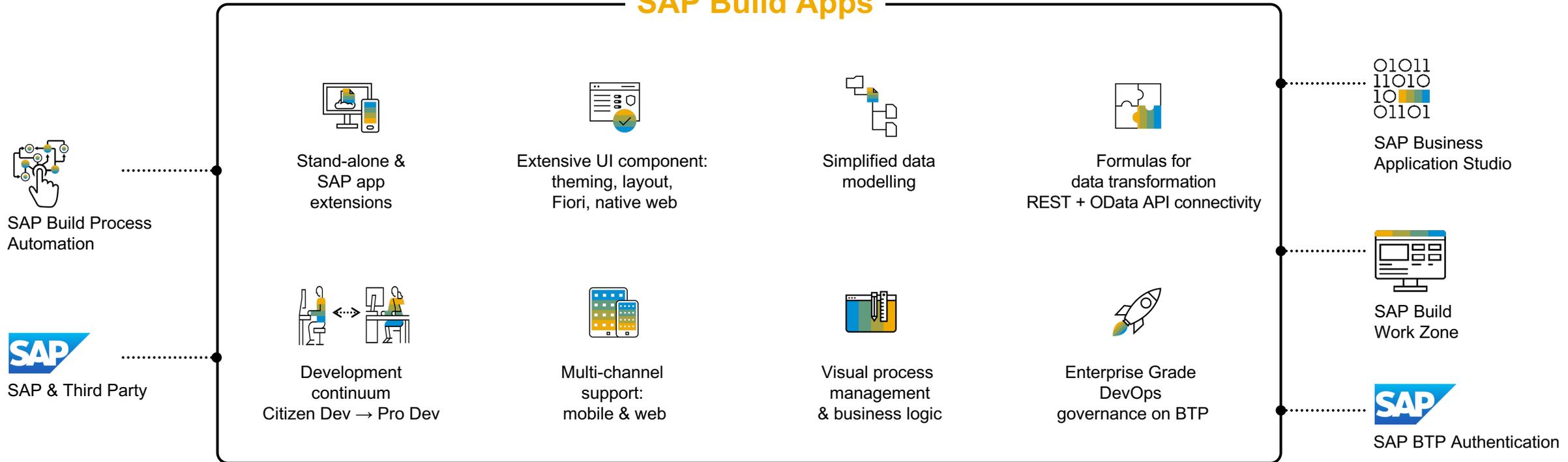
Easily integrate data

Easily add your own data integrations or get started with some of ours.

SAP Build Apps

Enhance Business Agility and Foster Collaboration from Fusion Teams

SAP Build Apps



Key News at SAP TechEd 2022

New Cloud Functions capability in SAP Build Apps

makes it easy to visually build serverless application business logic and data models, without the need to provision or manage underlying compute. This enables users to visually build powerful applications that leverage the elastic nature of cloud.

Powerful Features for Full-Stack No-Code Development

Visual User Experience from the Start



Quick Start

Three rounded rectangular cards are displayed horizontally. The first card has an icon of a document with a checkmark and a plus sign, and the text 'Create an Invoice Approval Process'. The second card has a pie chart icon and the text 'Create a Change and Innovation Approval Process'. The third card has a checklist icon and the text 'Create a sample To-Do application'.

Easy access to all
SAP Build projects

The screenshot shows the 'All Projects (5)' view in the SAP Build interface. At the top, there is a search bar with the placeholder text 'Search by Project name & description' and a 'Create' button. Below the search bar is a table with the following columns: Name, Versions, Type, Last Accessed, and Members. The table contains three rows of project data.

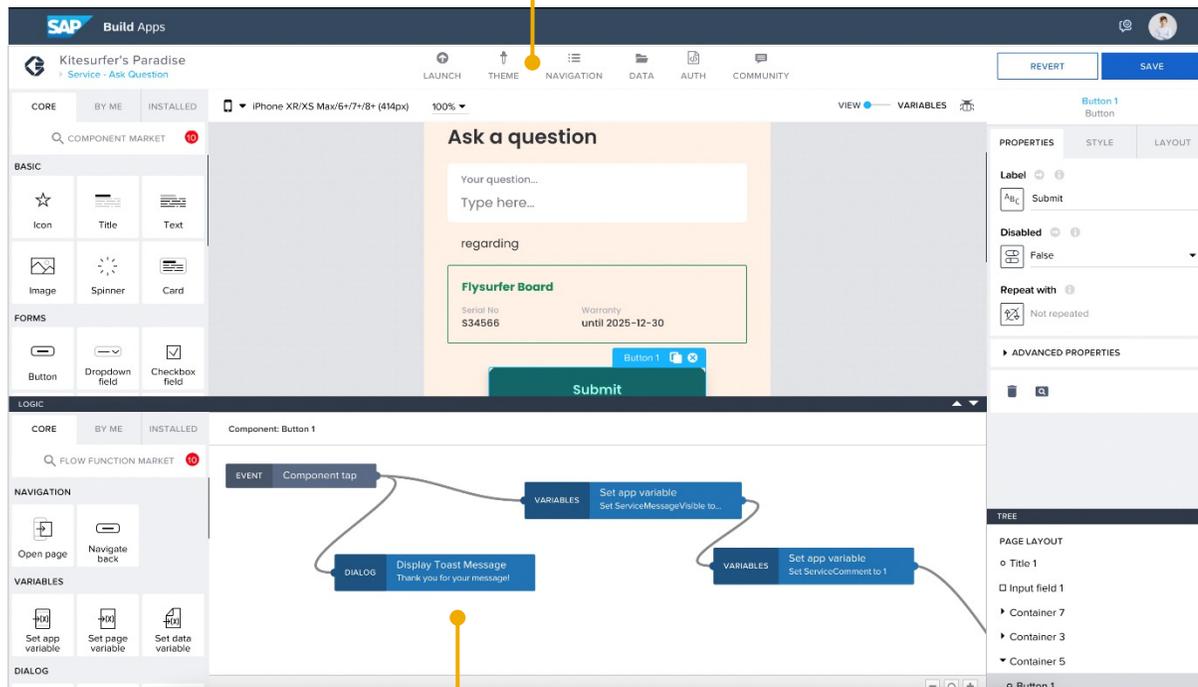
Name	Versions	Type	Last Accessed	Members
Equipment Order Approval Process Process for approving equipment orders		Process Automation	Nov 14, 2:21 pm	Me
Equipment Order Employee App Application for placing equipment orders		Application <i>Build Apps - Web & Mobile</i>	Nov 14, 2:20 pm	Me
Equipment Order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

Create and collaborate on projects

Powerful Features for Full-Stack No-Code Development

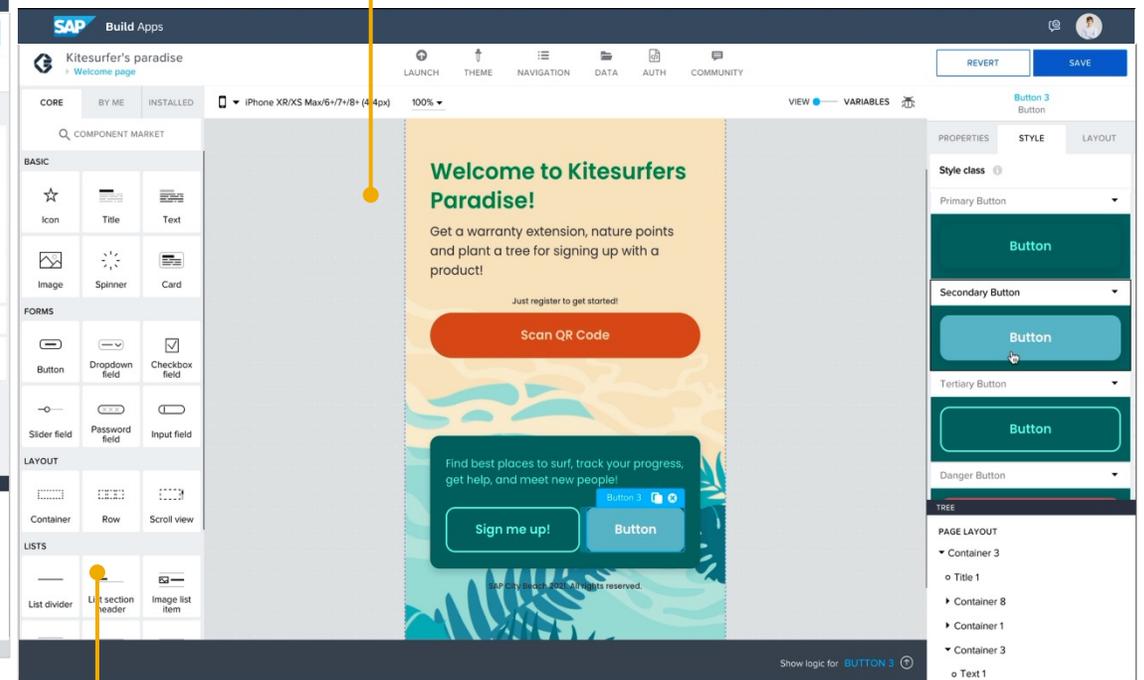
Key Frontend Capabilities

Customizable design themes and navigation



Visual application logic with flow functions

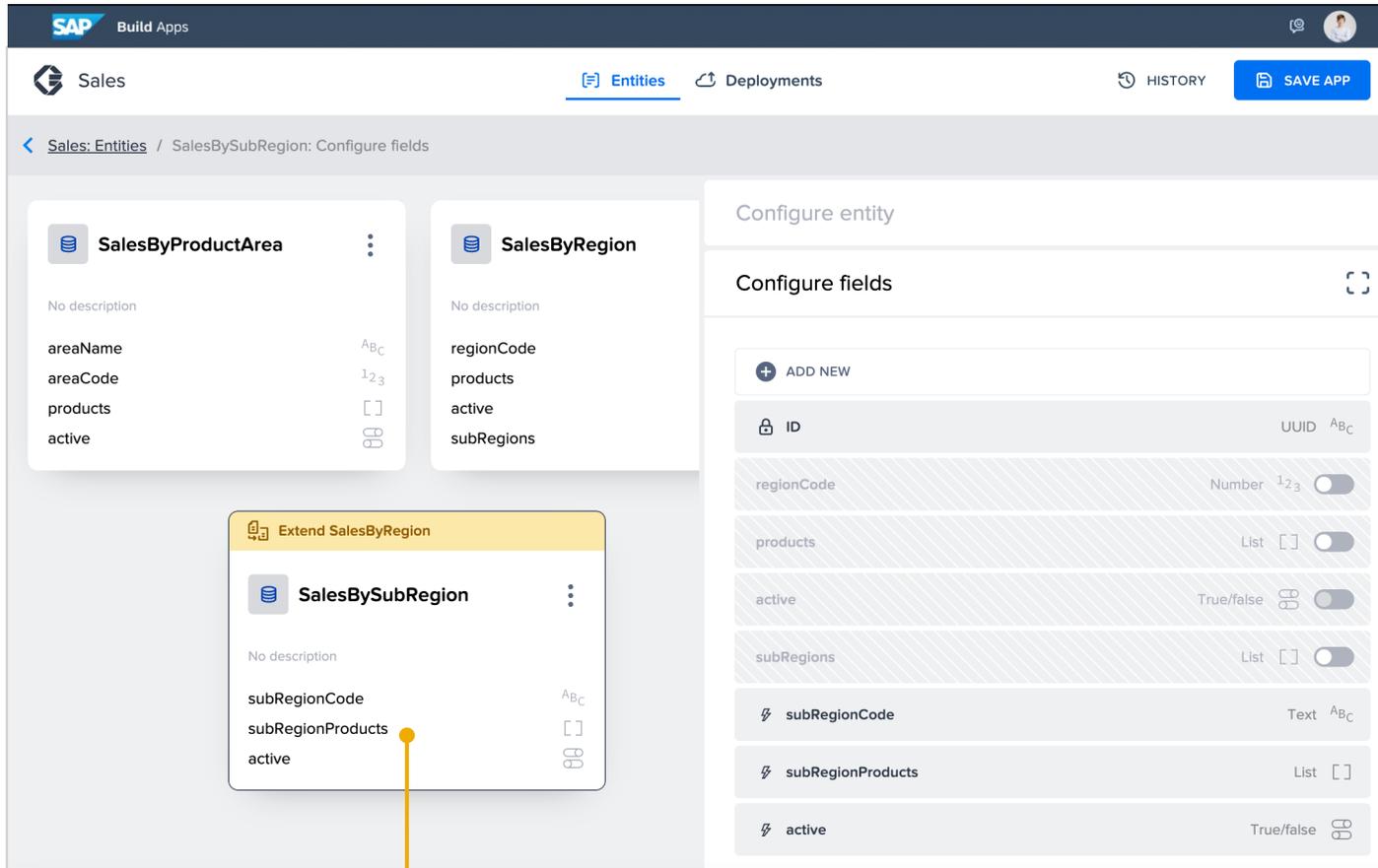
Simplified UI creation with drag-and-drop functionality



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

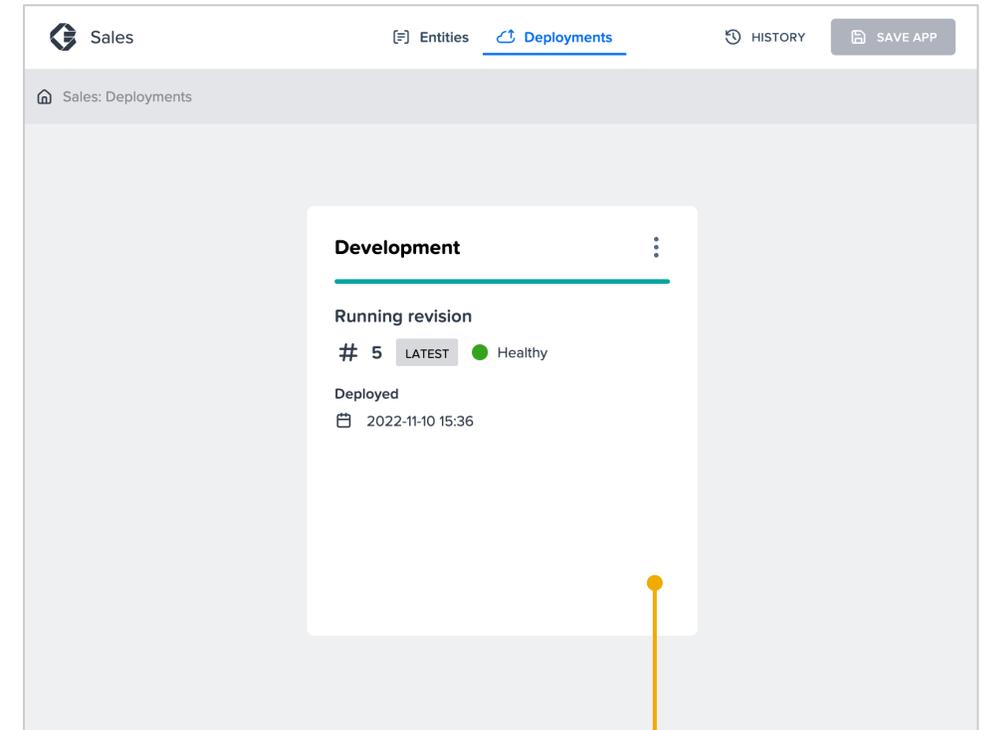
Powerful Features for Full-Stack No-Code Development

Key Backend Capabilities



Visual data modeling for custom data persistency

Data transformations with extended entities

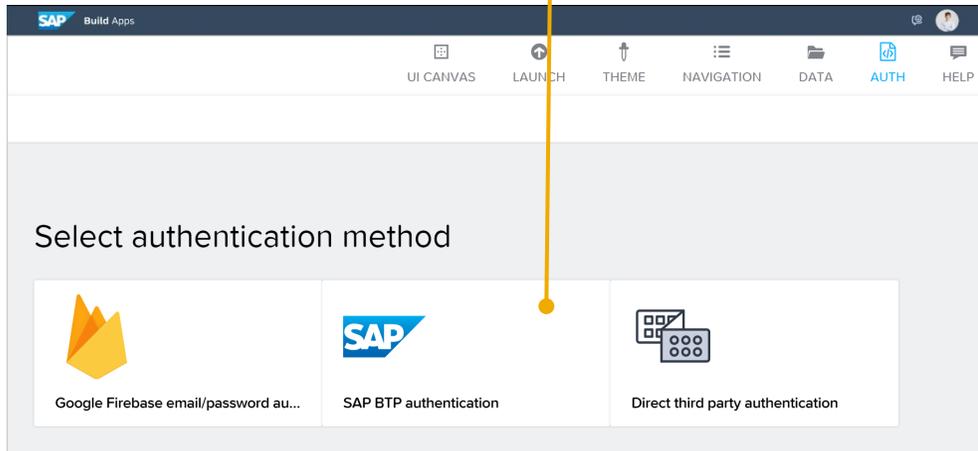


Cloud deployments, informative
migrations & project history

Powerful Features for Full-Stack No-Code Development

Key Integration Capabilities

SAP BTP Authentication



Visual cloud functions

SAP Build Apps visual cloud functions are a way to visually create a cloud-deployed backend for your app.

CLOUD FUNCTIONS →

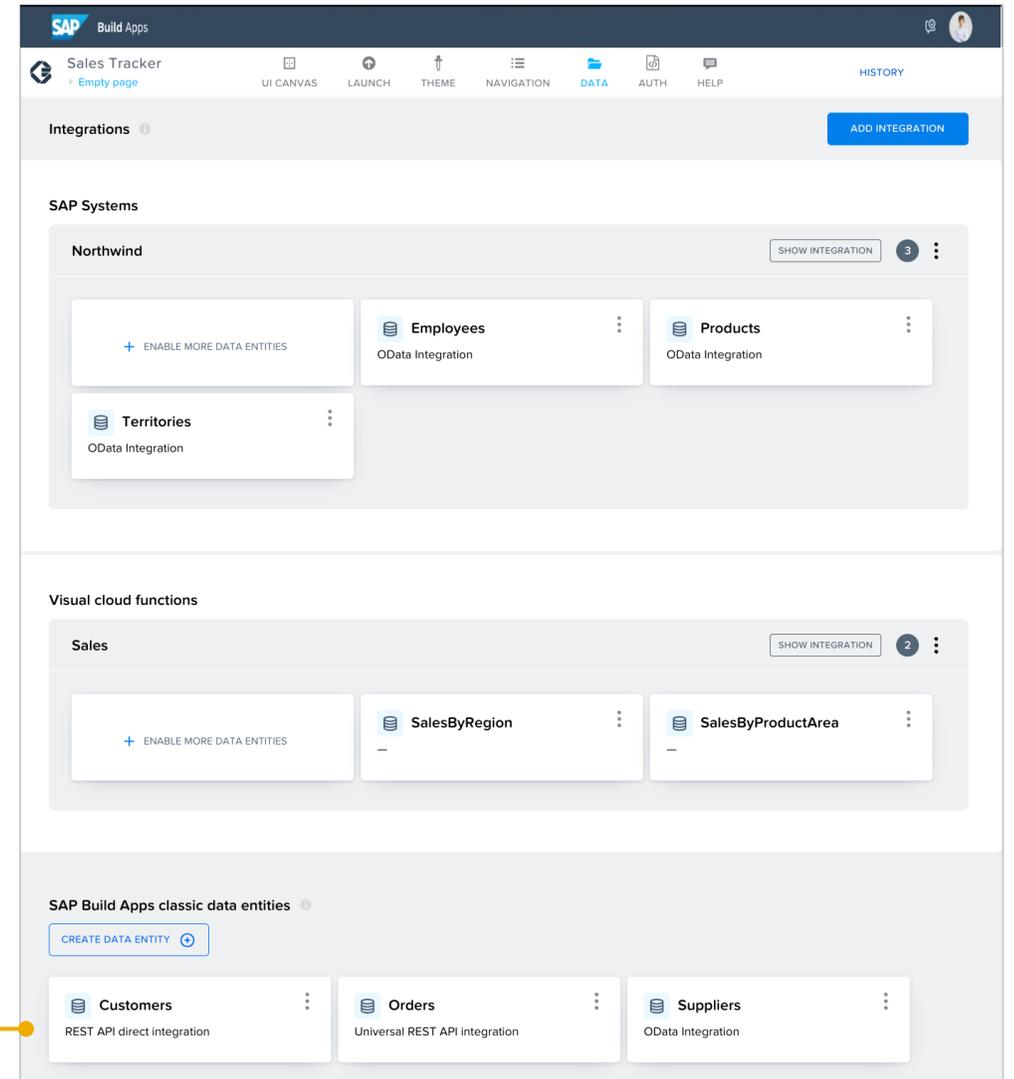
SAP Systems

Integrate with SAP systems including SAP BTP destinations that expose one or several OData services and SAP Sales and Service cloud instances and use content from them in your SAP Build Apps app.

BTP DESTINATIONS →

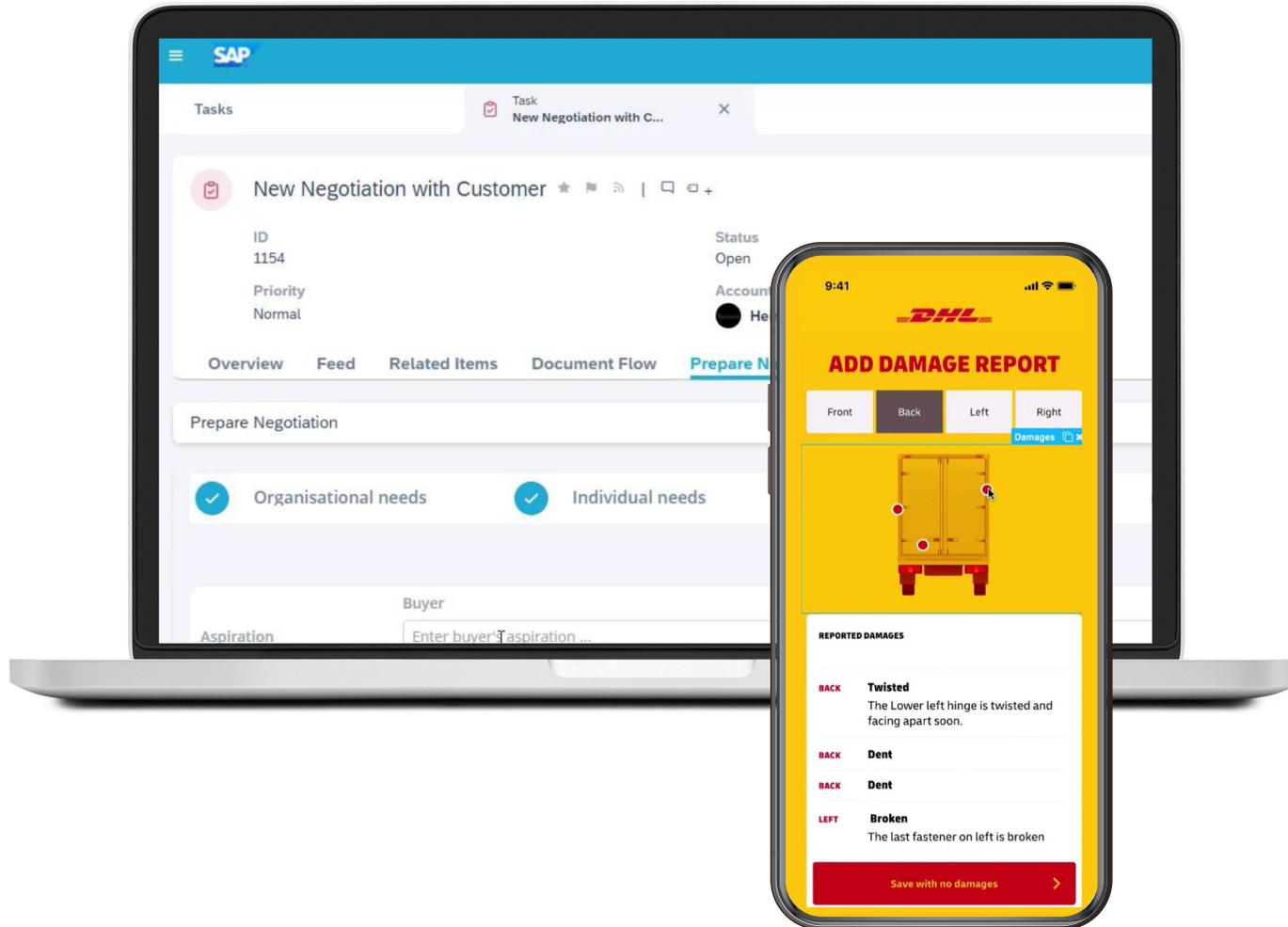
Visual cloud functions
SAP BTP Destinations

OData & REST API
integrations



SAP Build Apps

Integration with SAP Solutions for Rapid Customer Innovation



CX

Customer Self Service
Field Service App
Negotiation Methodology
Calculate Churn Rate

SuccessFactors

Recruiting App
Vaccination Certification
Calculate Workforce
Seniority

Supplier Sustainability
Invoice Accuracy

Expose Available to
Promise to Partner
Calculate Capacity
Utilization

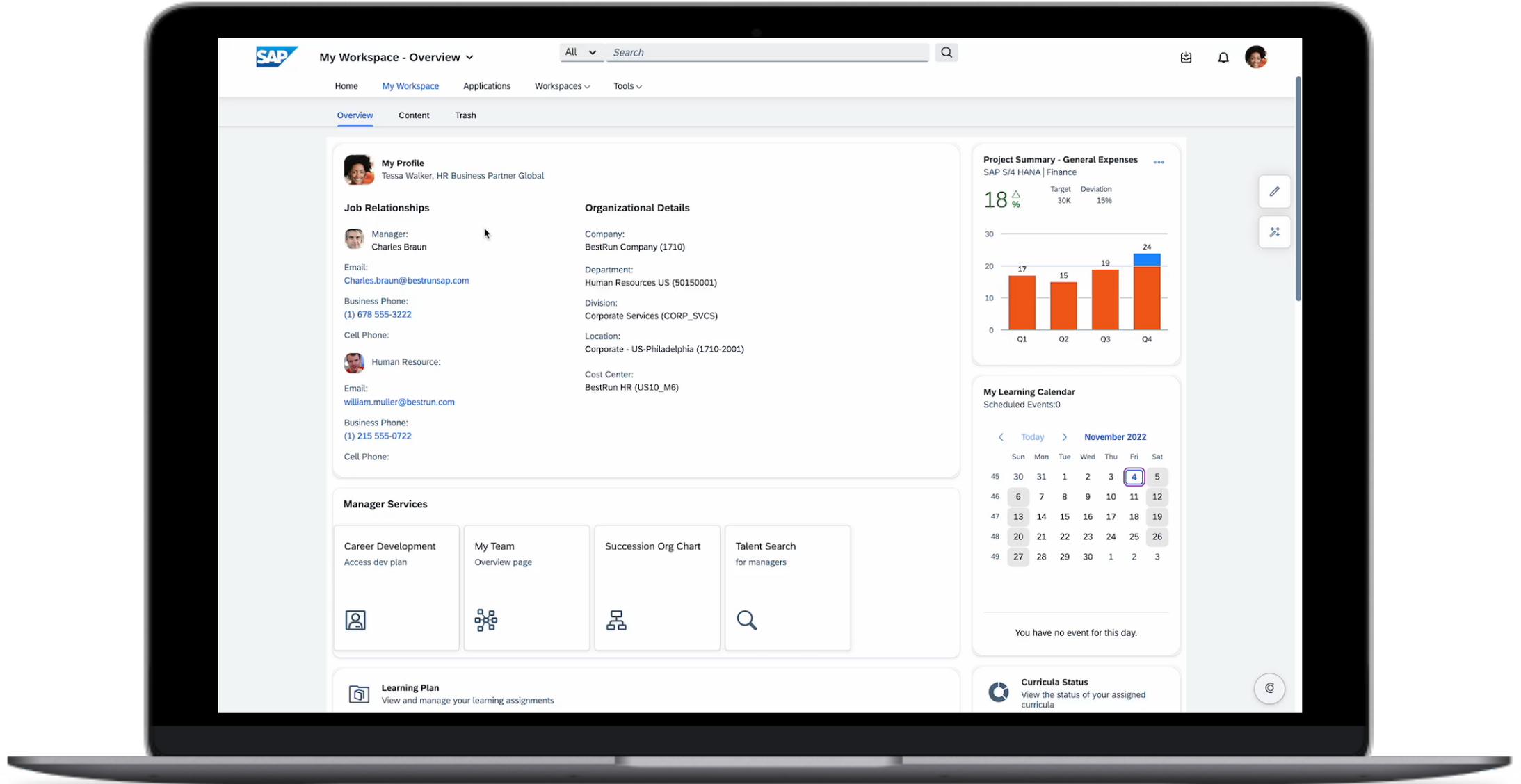
Ariba

S/4

Start exploring SAP Build Apps today

How to test?

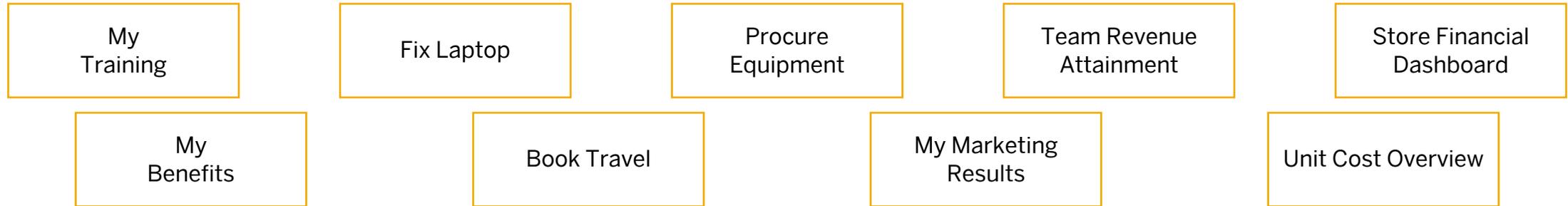
	SAP Build Apps Sandbox	SAP BTP Free Tier Model
Costs	0 EUR	0 EUR
Test duration	<ul style="list-style-type: none">30 Days	<ul style="list-style-type: none">No limitation
Usage limitation	<ul style="list-style-type: none">Only for test purposesBTP integration features can't be tested as no access to SAP BTP is availableNo integration to SAP Build Workzone or SAP Build Process AutomationSharing of Projects isn't possibleNo Deployment of Apps only Preview possible	<ul style="list-style-type: none">Only for test purposesLimited to one instance per global account.2 Successful standalone builds per platform (Android, iOS) for each of your apps. Errored builds do not count against the quota.Cloud functions instance will be stopped at regular intervals and when inactivity is identified.Storage 64 MB per instance
Switch to productive model	You can't switch on the same SAP BTP Global account to a paid plan – you have to re-configure everything on a new SAP BTP account	You can switch on the same SAP BTP Global account to a paid plan
Availability	SAP BTP EU10 only	SAP BTP EU10 and US10
Access requirements	Email address	Email address, Address data and phone number Also a credit card number is necessary
Blog or link to access SAP BTP	<ul style="list-style-type: none">Link to the sandboxAnnouncing the SAP Build Apps Sandbox - SAP Community Groups	https://blogs.sap.com/2022/11/25/sap-build-apps-free-tier-individual-access/



SAP Build Work Zone

Users must traverse many disconnected systems to get work done

USER JOURNEYS



FUNCTIONAL SERVICE CENTERS

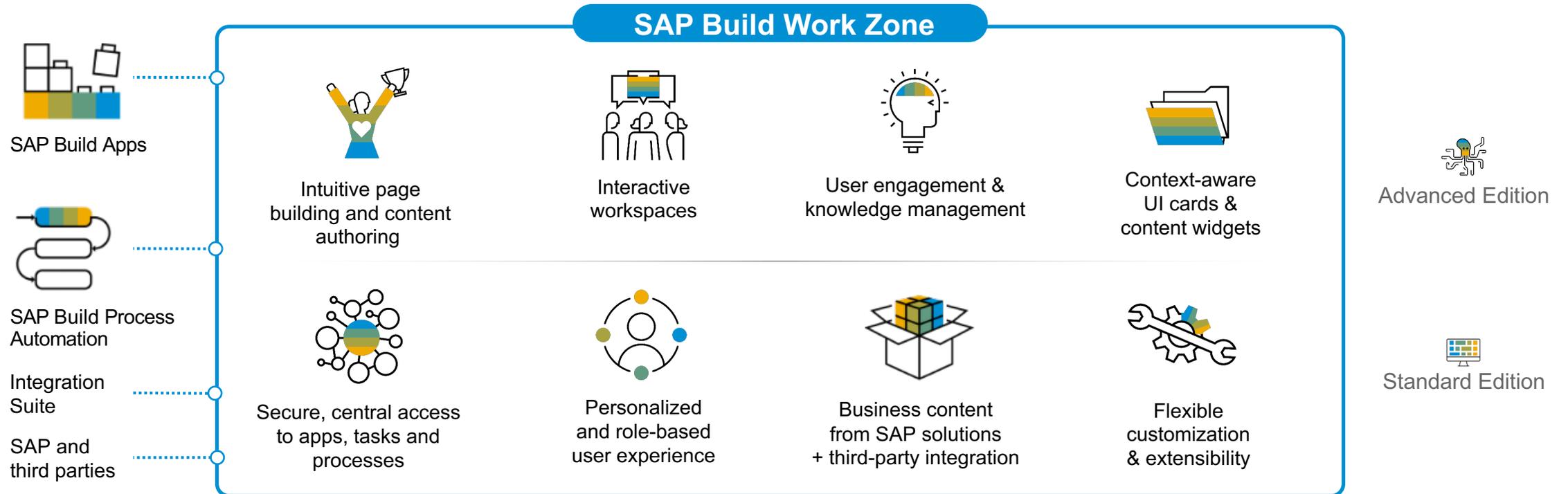


SYSTEM SILOS



SAP Build Work Zone

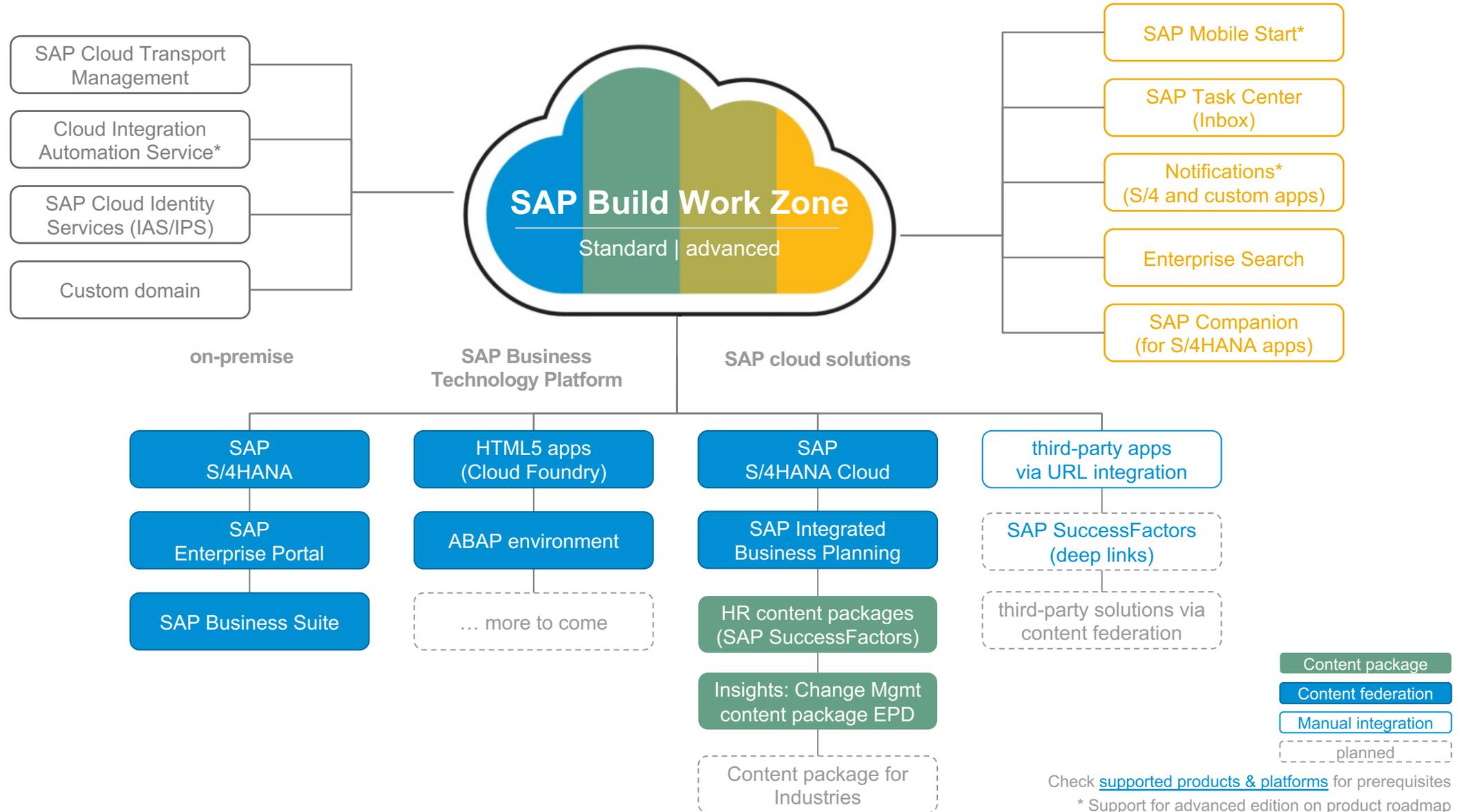
Key capabilities



Example use cases for every part of the business

	Enterprise-Wide Experiences	LOB Experiences	External Experiences
	One entry point for internal users to run business processes that span multiple lines of business	Business experience for internal users to run business processes that span multiple applications within a single line of business.	Website platform for external users to browse, learn, engage or transact.
Human Experience Management	<ul style="list-style-type: none"> Intranet Employee Self Service 	<ul style="list-style-type: none"> Learning University 	<ul style="list-style-type: none"> New Hire Onboarding Partner Training
Digital Supply Chain	<ul style="list-style-type: none"> Quality Initiative 	<ul style="list-style-type: none"> Business Planning Desktop 	<ul style="list-style-type: none"> Supplier Training
Procurement	<ul style="list-style-type: none"> Cost Containment Initiative 	<ul style="list-style-type: none"> Procurement Desktop 	<ul style="list-style-type: none"> Dealer Portal Supplier Portal
Customer Experience Management	<ul style="list-style-type: none"> Customer First Initiative Enterprise Service Management 	<ul style="list-style-type: none"> Store Manager Desktop 	<ul style="list-style-type: none"> Customer Self Service Partner Portal

Cross SAP Integration Status



Workpage Experience

Empower business users to create modern, engaging pages combining (web) content & business data – in a **No-Code experience**



Visual **Page Editor** with 6 column grid layout



No-Code with drag & drop **experience**



Catalog with **tiles, cards and widgets**



UI Integration Cards to surface business data



Consistent experience across home page & workspaces

Home - Welcome

All Search

Home My Workspace Applications Workspaces Tools

Edit Home Page | Design tips

You are currently editing the company home page.

Welcome

Optimize page layout Show text and image widgets as cards Include announcement

Auto-saved: less than a minute ago

Benefits Open Enrollment

New This Year: Health, dental, and disability insurance. Sign up for an information session near you now!

112 241 0

Manager Services

- Career Development
Access dev plan
- My Team
Overview page
- Succession Org Chart

Project Summary - General Expenses

SAP S/4 HANA Finance

18% Target 30K Deviation 15%

Quarter	Value
Q1	17
Q2	15
Q3	19
Q4	24

In Depth

Leadership Series

Innovations

Executive 1:1

Workspaces

Types

Allow employees to create workspaces to engage on ideas and projects together, both with internal and external parties

The screenshot displays the SAP Learning Workspaces interface. On the left, a sidebar menu is open, showing 'Favorites' (Parental Leave, Onboarding Workspace), 'Recently Visited' (Key Assets & Documents, Company Transformation, Internal Product Support Center, Ace Innovation Challenge, Employee Onboarding, Sales Enablement Workspace, SAP HANA and Big Data Community, IT equipment help center), and 'View All Workspaces / New Workspace'. The main content area shows a workspace titled 'Parental Leave - Process' with a search bar and a list of content tiles. The tiles include: 'Parent To Be Tool Kit' (Being a parent? All you need in one place), 'Apply for Leave' (Manage your time off periods), 'Development Plan Update' (Adapt your career track to fit your life changes), 'Healthy Pregnancy Program Registration' (Sign up for that special program, that keeps you healthy), 'Leave Certification Form' (Please have it filled out by your physician), 'Parental Leave Workspace' (Guide you along your journey of being a working parent), 'Add a New Family Member to your Insurance', 'Parental Leave' (Global Assignment Community - Shanghai, Benefits and Open Enrollment, Promotions & Transfers), and 'Healthy Pregnancy Program Sign Up'. A video player at the bottom shows a woman and a child.



Public Workspaces



Private Workspaces

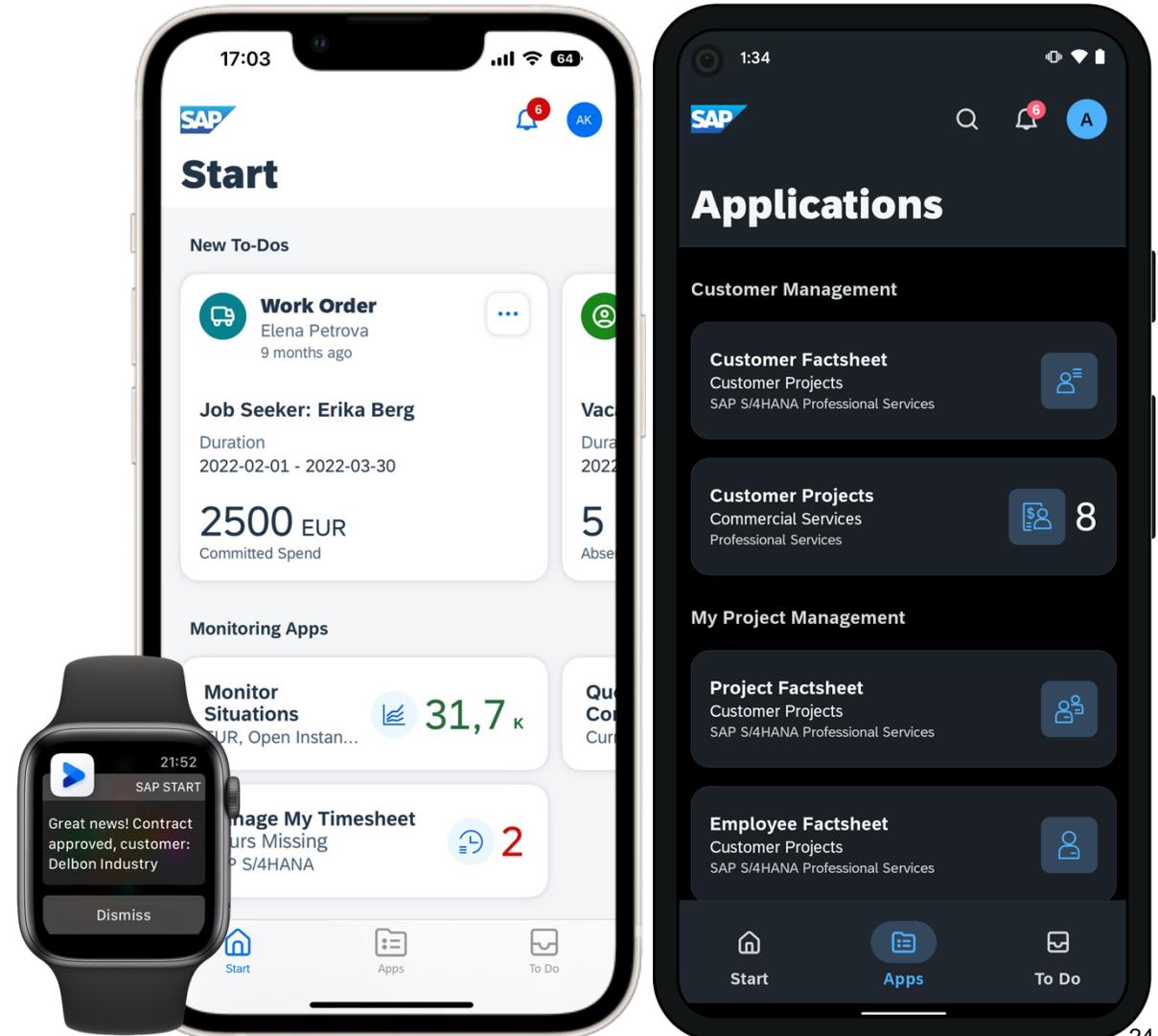


External Workspaces

Mobile Start

Your native entry point to the Intelligent Enterprise

- Seamless mobile access into the Intelligent Enterprise Suite
 - 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





CORNING

2,000% increase
in employee adoption
of learning programs



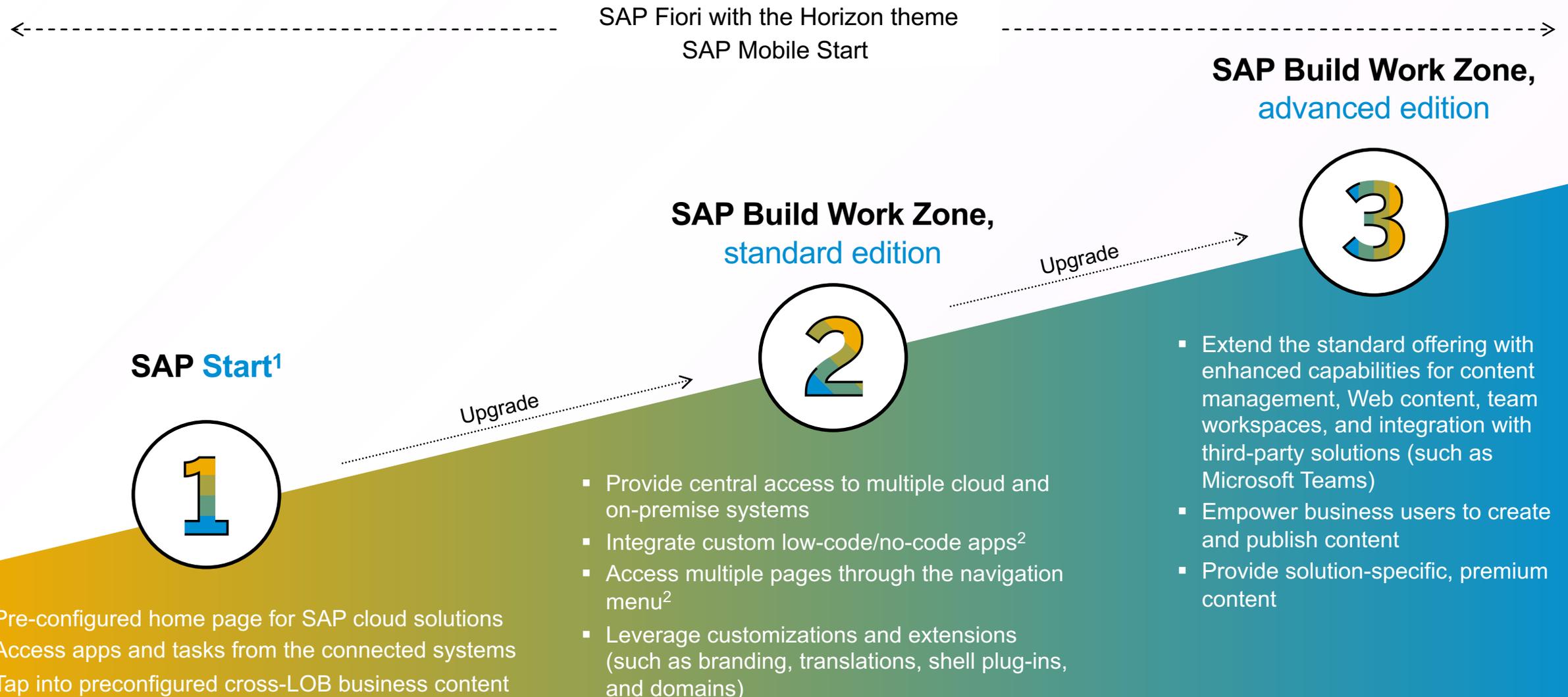
30% time savings
With fast access to critical data
embedded in daily workflows

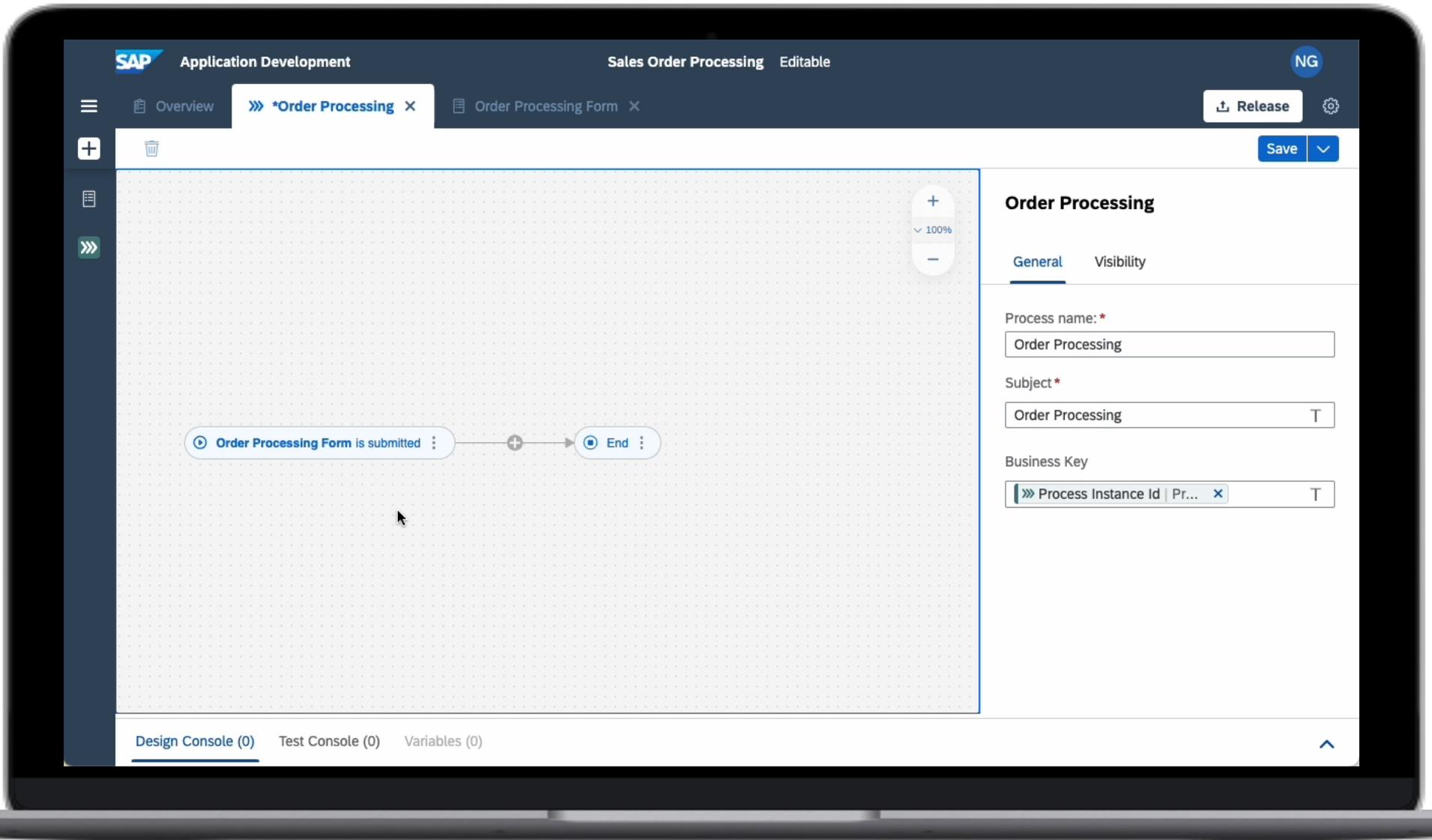
Convergentis

**3x more invoices
handled**
Digital procurement experience
improves vendor invoice management



A modular offering for the central entry point from SAP





SAP Build Process Automation

SAP Build Process Automation

Automate processes and tasks with drag-and-drop-simplicity

Integration, process insights
and sentiments



SAP and non-SAP
integration

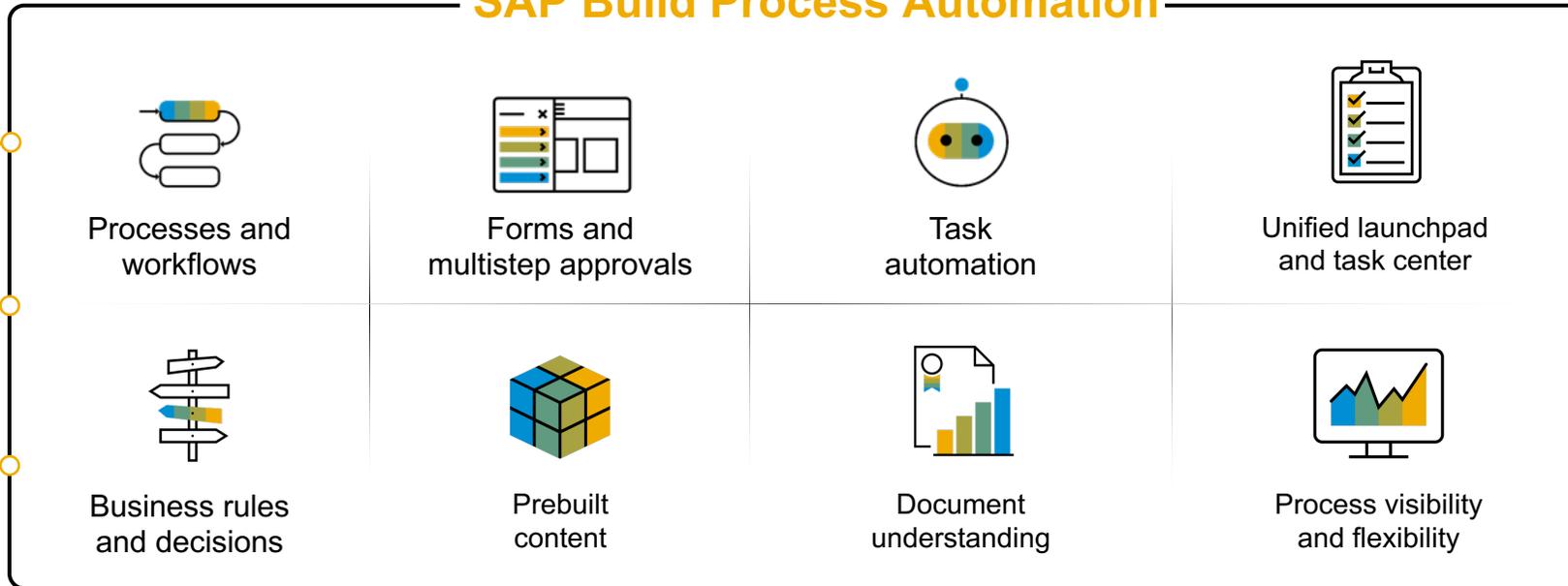
SAP Signavio

Business process
transformation

qualtrics^{XM}

Experience
management

SAP Build Process Automation



Fusion team
development



Low-code
app dev and
business sites



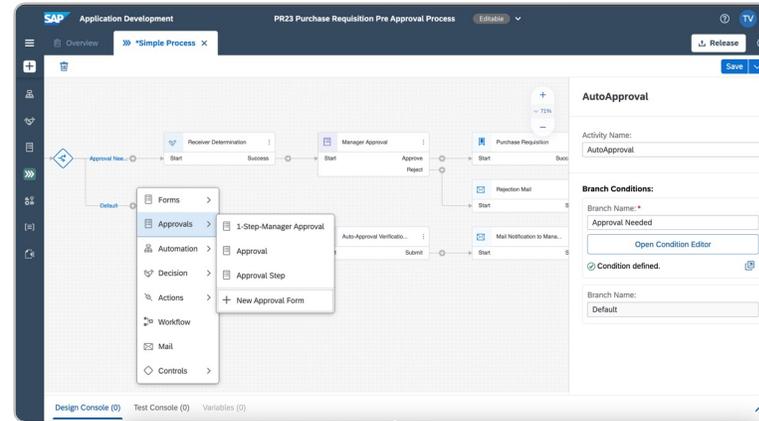
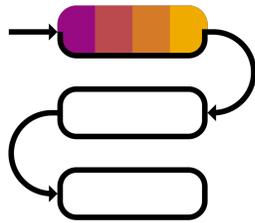
Pro-code
app dev

100s of pre-built
processes and automations

SAP Build Process Automation

Automate more simply, more quickly, and more confidently

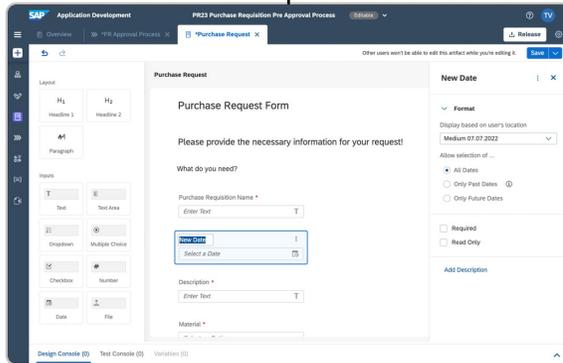
Process builder



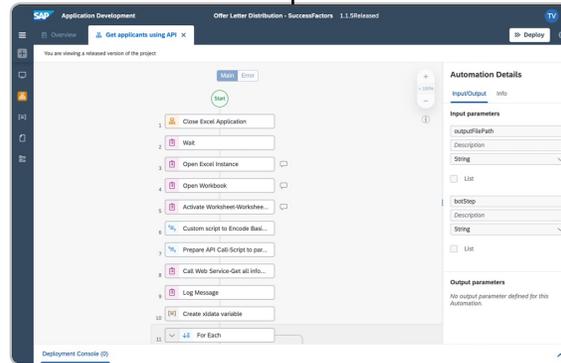
One **process builder** combining workflow, rules, robotic automations, and visibility in a straightforward and intuitive modeling language

Orchestrating forms, bots, business rules

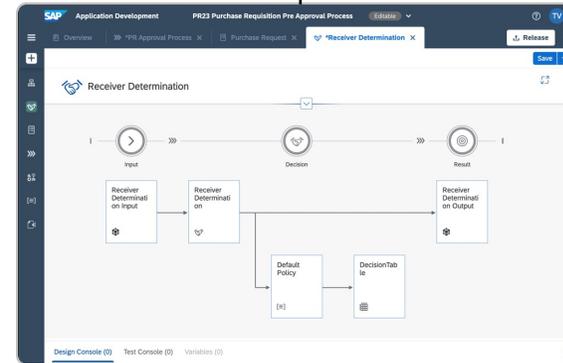
Integrated in SAP Task Center



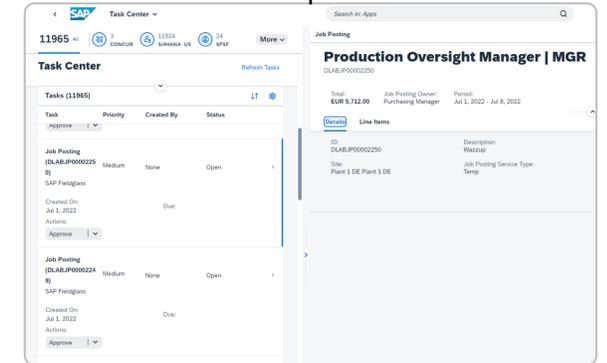
Forms and document extraction



Automation bots



Business rules

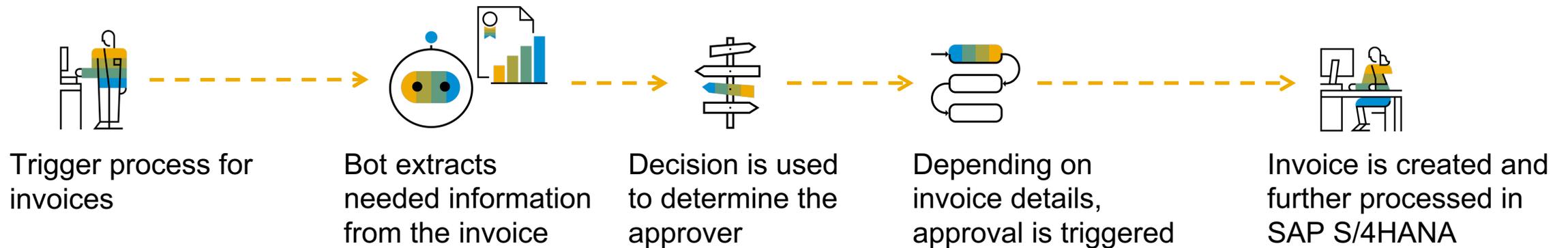


Task center

Example: Automate paper-based invoice posting in SAP S/4HANA

SAP Build Process Automation

SAP S/4HANA

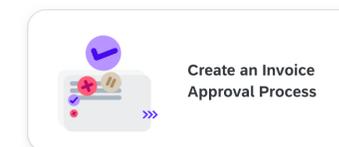


An example scenario, showing how to improve the efficiency of invoice processing for further posting to your transactional system with SAP Build Process Automation.

Throughout the **mission** participants will create a process, combining forms, automation, embedded Document Information Extraction service, and approval flow including rules on how to select the approver.

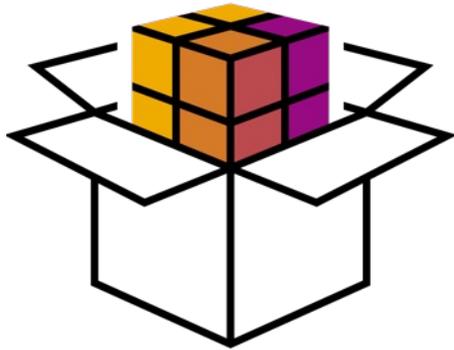
[Check out the SAP Discovery Mission](#)

+ **sample project available** in the store for the creation of this invoice approval process

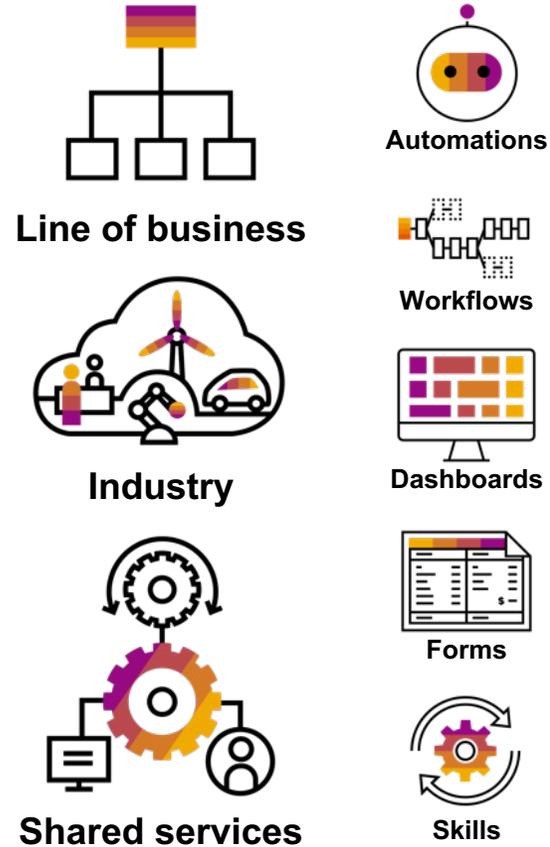


Accelerate business transformation with prebuilt content packages

Jump-start automation development while making use of best practices



250+
content packages



Automations and process extensions for:

- SAP S/4HANA
- SAP ECC
- SAP SuccessFactors solutions
- SAP Ariba solutions
- SAP Business ByDesign
- SAP Fieldglass solutions
- Industry cloud solutions for automotive

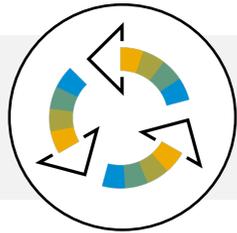
Covering **every LoB** and several **industry best practices**:

- Sales
- Finance
- Procurement
- Human resources
- Supply chain
- Asset management
- Sustainability
- Cross-LoB
- Retail
- Utilities
- Manufacturing
- Automotive
- Real estate and more

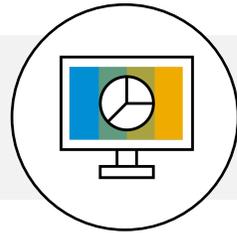
Increase the power of your business application

SAP Build Process Automation use cases

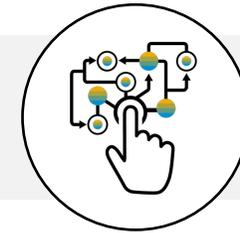
Get inspired, start today



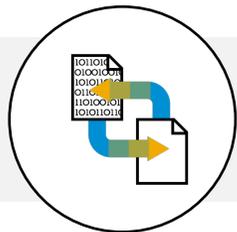
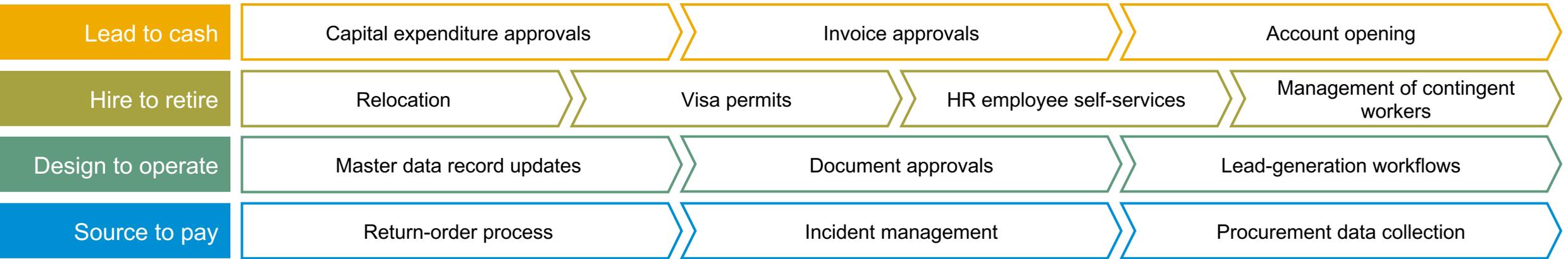
Automate manual, repetitive tasks



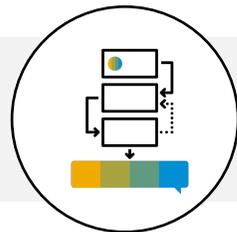
Enable “lights-out” automation of high-volume process steps



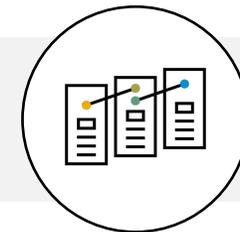
Automatically aggregate data from multiple systems



Digitalize manual and semi-automated processes



Extend and adapt standard application flows



Automate comprehensive cross-application workflows

77% of the world's transactions run through SAP systems

#1 ERP | #1 Procurement | #1 Supply Chain | #1 Human Capital | #2 CRM

Achievements by our customers

Using process automation solutions from SAP

High tech



- Improved customer service and consistency within one month ([Hewlett Packard Enterprise](#))
- Reduced time for billing processing by 83% and realized approximate savings of US\$200,000 for a new billing system ([Chunghwa Telecom](#))

Mill products



- Processing 500 orders per batch for improved order closing; before: entire day's work for one employee; now: two-minute task for a bot ([REHAU](#))
- Refocusing 175 hours per month on high value in the customer invoicing process ([Aço Cearense Industrial](#))

Automotive



- 30% faster time to market due to quicker development timeframe ([Toyota](#))
- Management of price changes from parts suppliers with automated updates to SAP ERP; 2x productivity improvement and 30% more savings ([AGCO](#))

Healthcare



- Bot processing of 100,000+ sales orders to bring pharmaceutical products to customers ([Zuellig Pharma](#))
- 360-degree visibility and coordinated task management ([Zuellig Pharma](#))

Manufacturing



- Intelligent bot processing of 6,000 documents each year without any human intervention ([Villeroy & Boch](#))
- Support for collaboration and enriched user experience with 2D and 3D visualizations sample bullets ([KAESER Kompressoren](#))

Chemicals



- Reassignment of 4,700 labor hours each year from repetitive tasks to high-value activities, increased efficiency in financial reporting by 90%+ ([Wanhua Chemicals](#))

Utilities



- 90% faster data entry for job requisition and 50% time savings on plant inspections ([Uniper](#))
- Business users spending 80% less time creating workflow authorization requests ([Uniper](#))

Oil & gas



- Centralized app to manage operations and gain real-time visibility into tasks; integrated 15+ systems; improved productivity by 15% ([Murphy Oil Corporation](#))
- Streamlined asset inspection processes; 25% reduction in back-office data processing effort; 100% compliance in asset attribute capture ([TasNetworks](#))

Media, sports & entertainment



- 60% automation rate in sales order processing and 100% replacement of legacy solutions ([Alma Media](#))
- Improved staff productivity by enabling them to complete core functions in the field; 87% guest satisfaction with helpfulness of staff ([Taronga Conservation Society](#))

Learn more



[See how customers are automating processes with SAP](#)



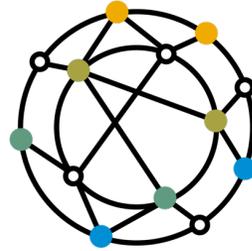
SAP Build

Build apps, automate processes, and create unified experiences with drag-and-drop simplicity



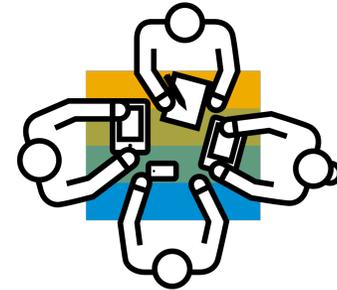
Build Visually

Rapidly build apps, business sites and process automations.



Integrate Seamlessly

Accelerate development with pre-built connectors and LoB content for SAP and non-SAP systems.



Collaborate securely

Foster collaboration between business and development teams with built-in governance and lifecycle management.

[See demo here](#)

Introducing SAP Build

Create applications

Automate processes

Build business sites

With drag-and-drop simplicity

Get started today.

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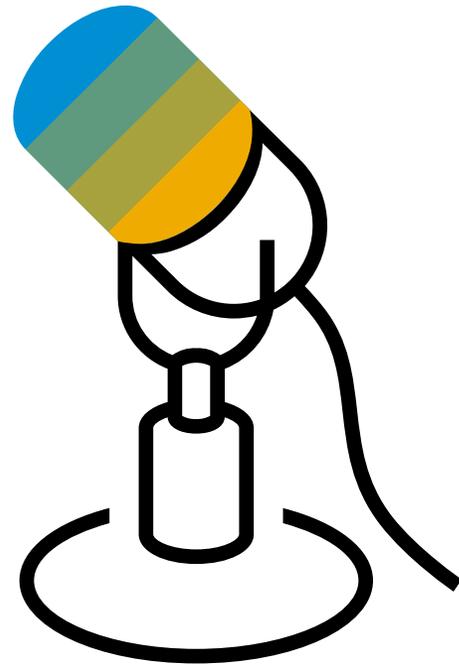
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Q&A



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