Drive Industry Relevant Innovation With Low-Code / No-Code While Keeping the Core Clean
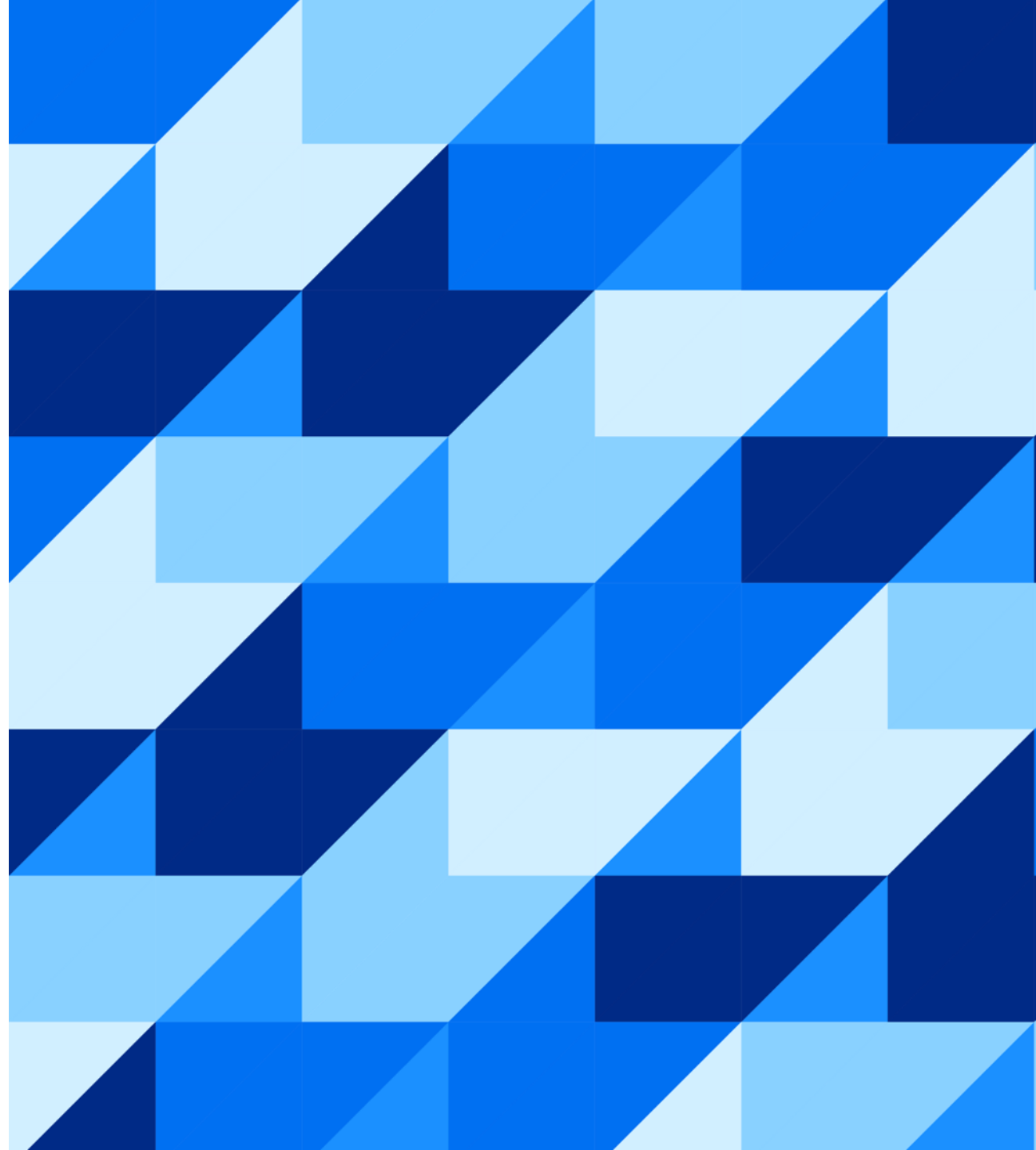
Andreas Steinwender, SAP
June 20, 2024

Agenda

Drive Industry Relevant Innovation With **Low-Code / No-Code** While **Keeping the Core Clean**

Keeping the Core Clean – Why? How?

Low-Code / No-Code Functionality on BTP – What is SAP Build? How to get there?

Drive Industry Relevant Innovation – Available Use Cases?

Keeping the Core Clean – Why? How?

ERP Challenges Today – Why do you need a clean core?

Business Change

In today's **fast-paced and ever-changing business environment**, disruption across global supply chains, customer preferences, and the workforce has become a common occurrence. **Businesses must quickly adapt** to these changing requirements in order to remain relevant and thrive.

New Technologies

To succeed in the digital age, organizations need to embrace **new capabilities**. This includes **accelerating innovation**, optimizing and automating processes, and fostering agility in order to **gain a competitive edge**.

Landscape Complexity

Companies must have a **flexible infrastructure** that allows them to quickly **adapt their business models** as needed. This means being able to **rapidly adjust** key applications to meet changing market demands and customer needs.

Addressing a clean core is an ongoing strategic activity
How to keep the core clean?

1. Extensibility
Keep the **extensions** clean

2. Data
Keep the **data** lean

3. Integrations
Keep the **landscape** robust

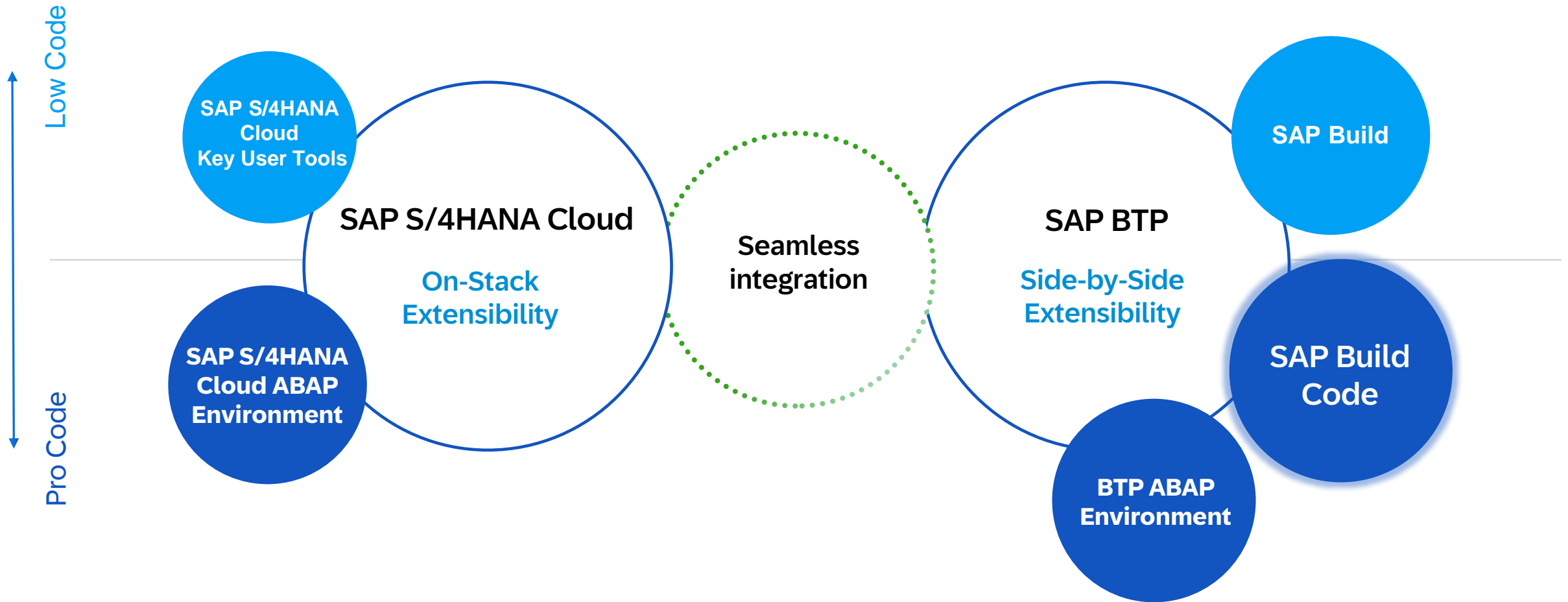### 4. Processes
Keep the **processes** flexible

5. Operations
Keep the **operations** effective and efficient

A **clean core** is a system that is as close to standard as possible, while running cloud-compliant extensions and integrations.

It allows you to **adapt your system** to changing business requirements and to **adopt new capabilities**.

Clean Core Extensibility Options for SAP S/4HANA Cloud

Low Code

Pro Code

SAP S/4HANA Cloud Key User Tools

SAP S/4HANA Cloud

On-Stack Extensibility

SAP S/4HANA Cloud ABAP Environment

Seamless integration

SAP BTP

Side-by-Side Extensibility

SAP Build

SAP Build Code

BTP ABAP Environment

Explore the SAP Business Accelerator Hub

Scan this code or visit
api.sap.com
to explore all APIs
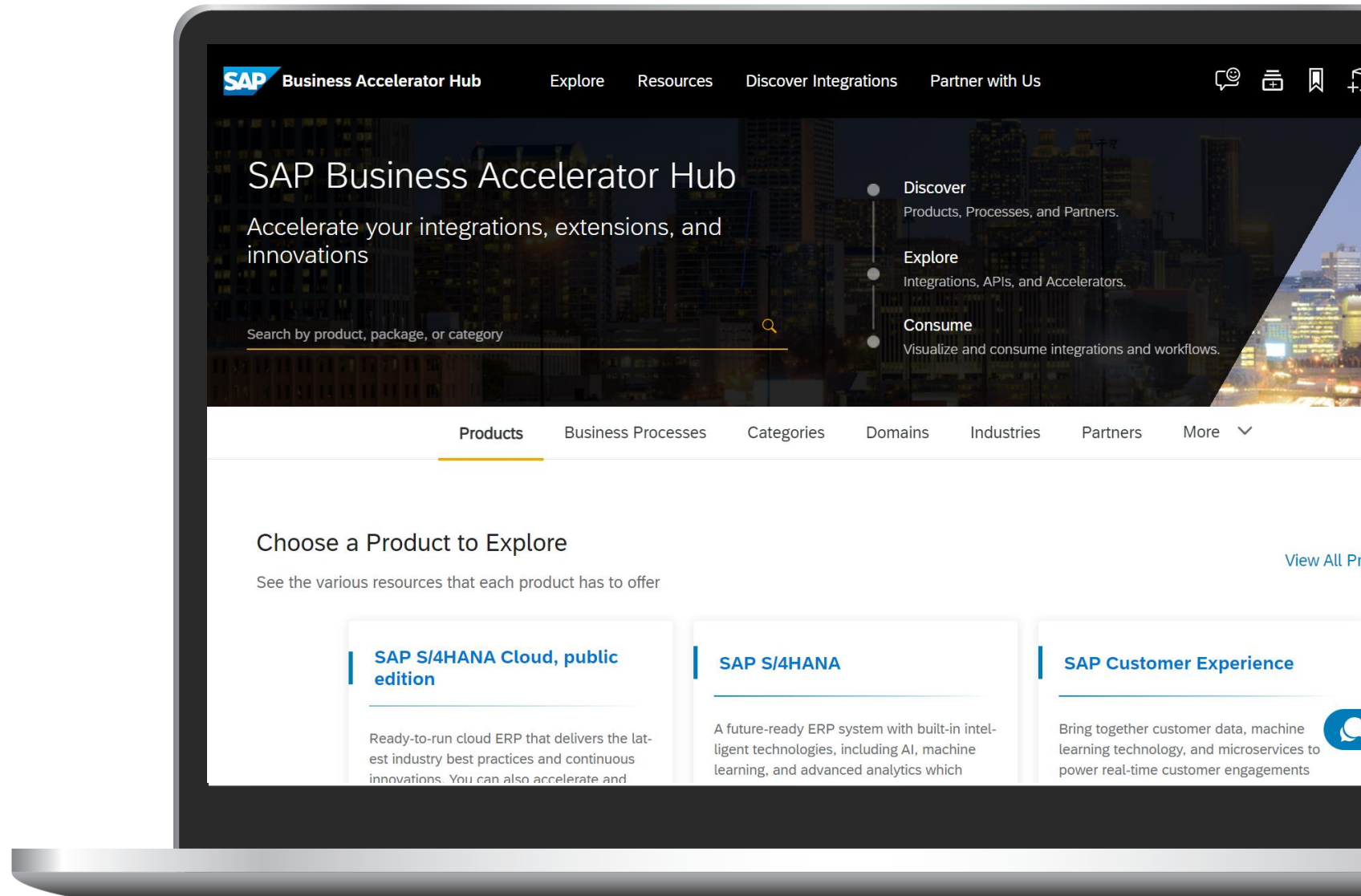
Low-Code / No-Code Functionality on BTP – What is SAP Build? How to get there?

SAP Build solutions

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

Create apps
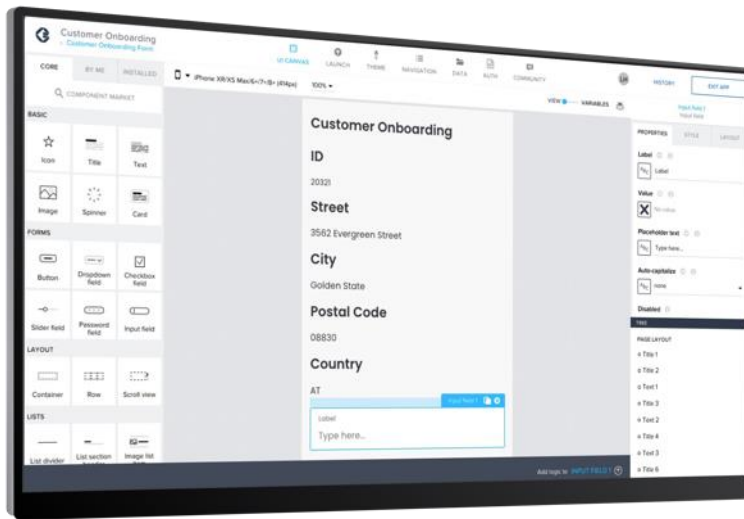
Automate processes
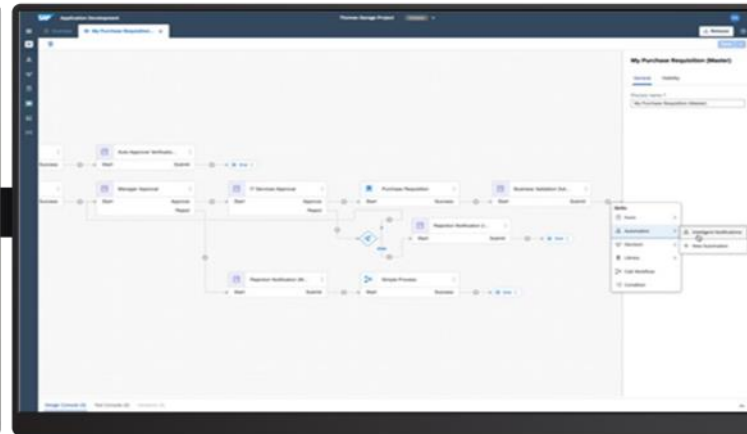
Design business sites

SAP Build Apps

SAP Build Process Automation
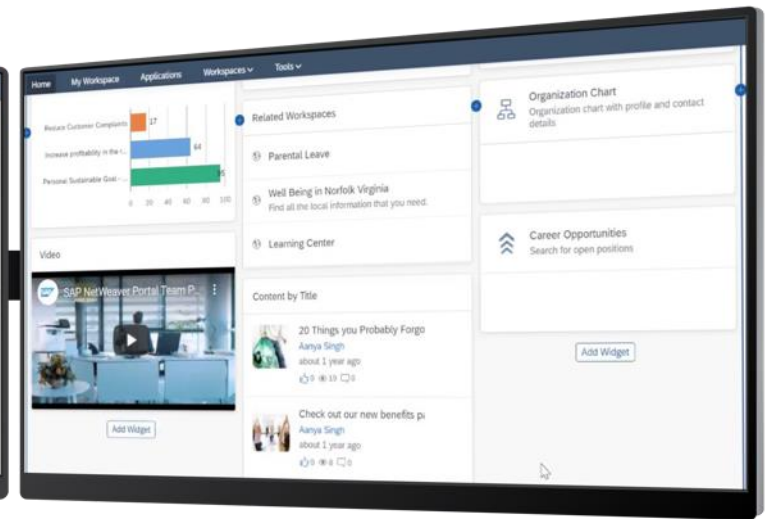
SAP Build Work Zone

Build Visually

Integrate Smoothly

Collaborate Effectively

SAP Business Technology Platform

SAP Build Apps – Powerful features for full-stack visual development

Drag & Drop UI Design

Multi-channel support

Formulas for data transformation and API connectivity
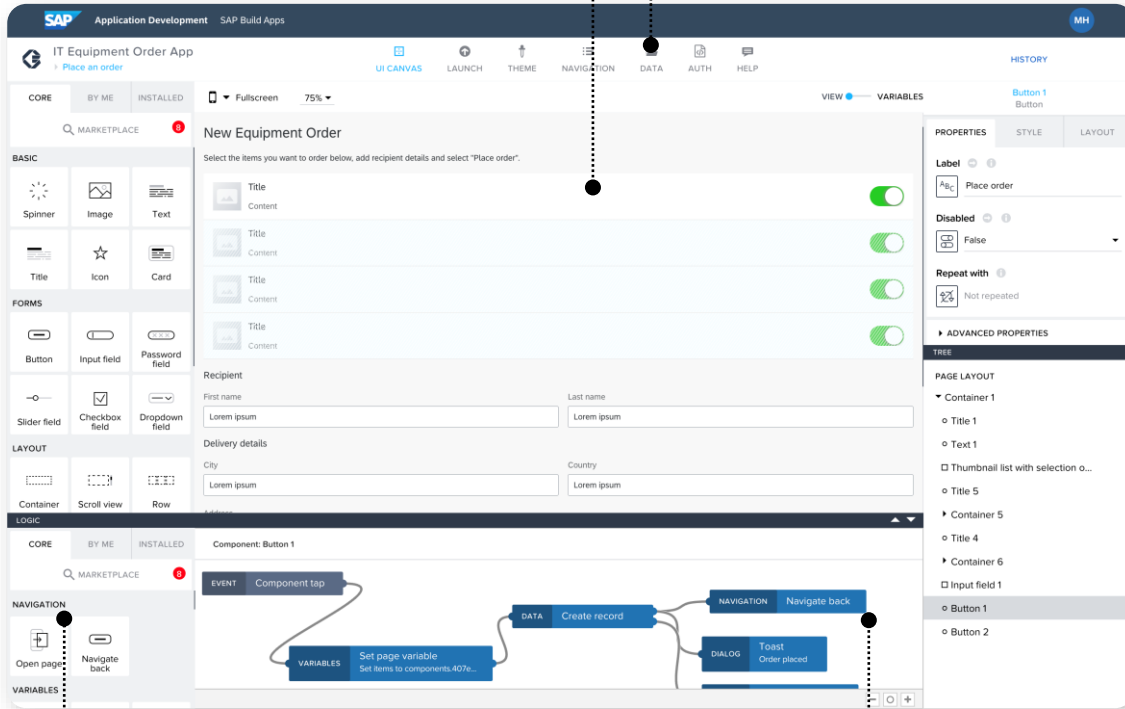
Customizable components and
400+ built-in formula functions

Visual business logic
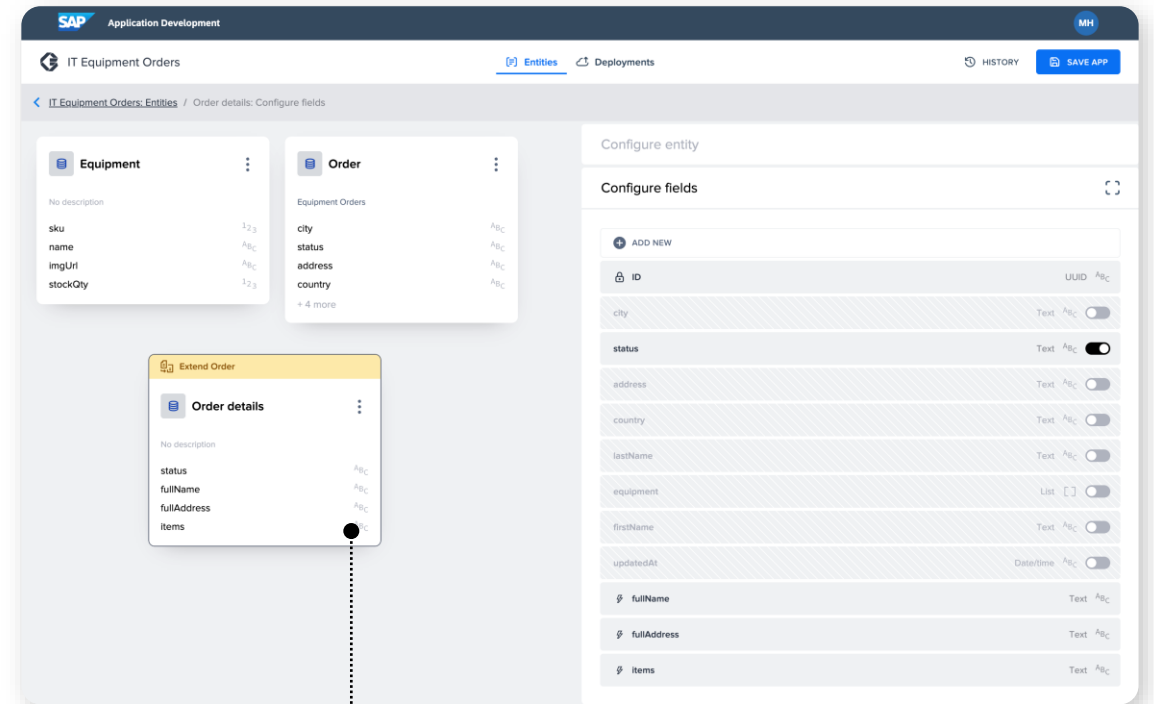
Visual data modeling
with visual cloud functions

SAP Build Process Automation – Automate simply, quickly, and confidently
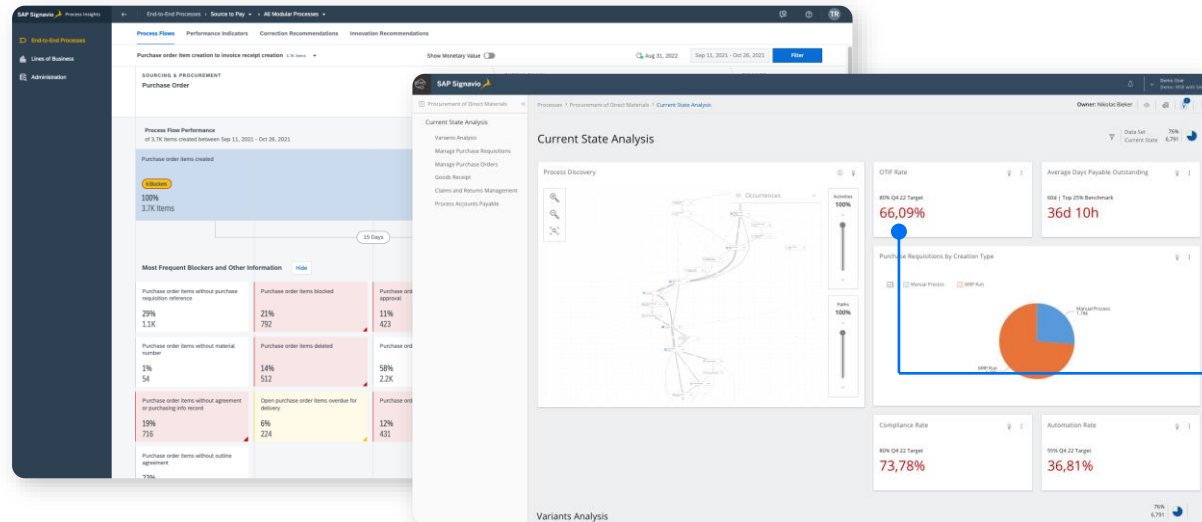

Process Builder
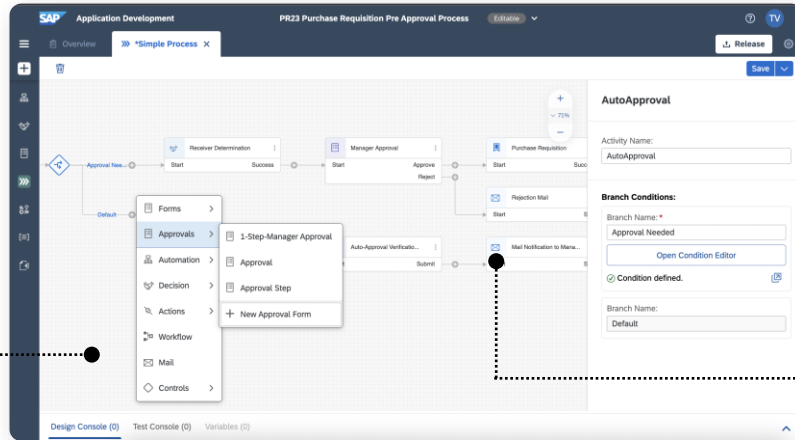
Forms

Action Project
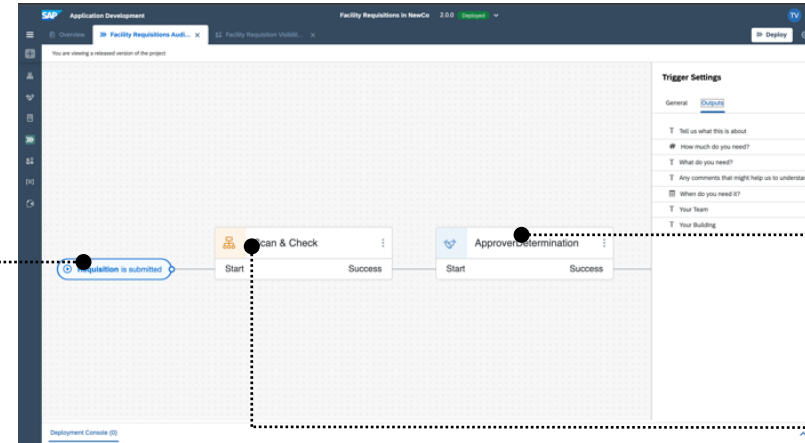
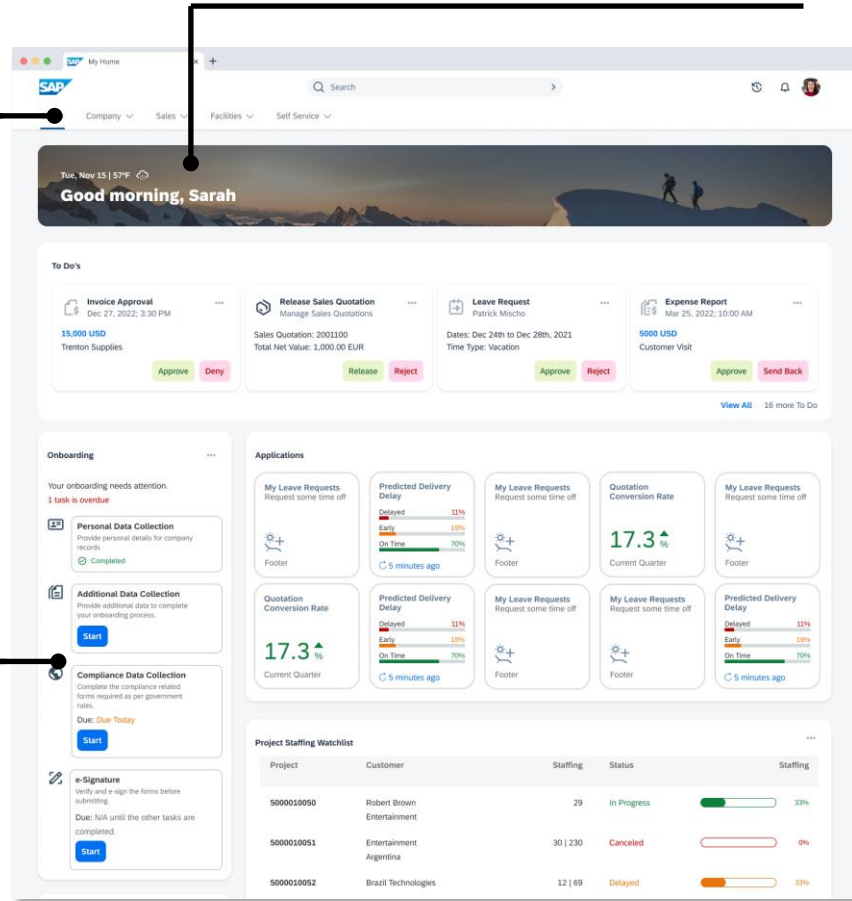Business Rules

Automation Bots & Document Extraction

Integration with

SAP Signavio

SAP Build Work Zone Editions with common foundation

Flexible page builder

Navigation menu accessing remote and local pages

Custom apps and UI Cards

Self-Service Onboarding for SAP Cloud Identity
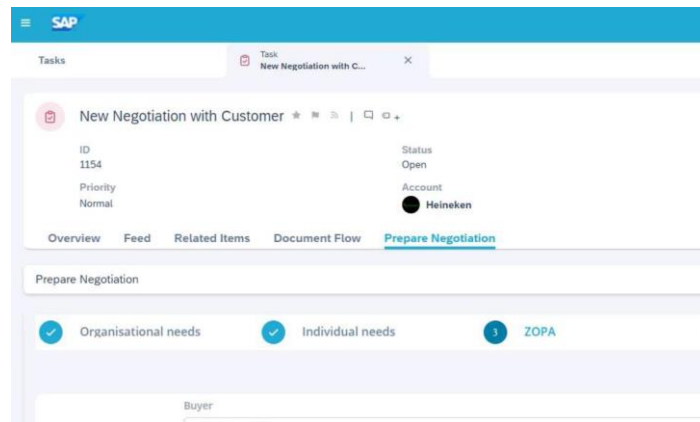
UI Integration Card Context Awareness

SAP Build Work Zone, Standard
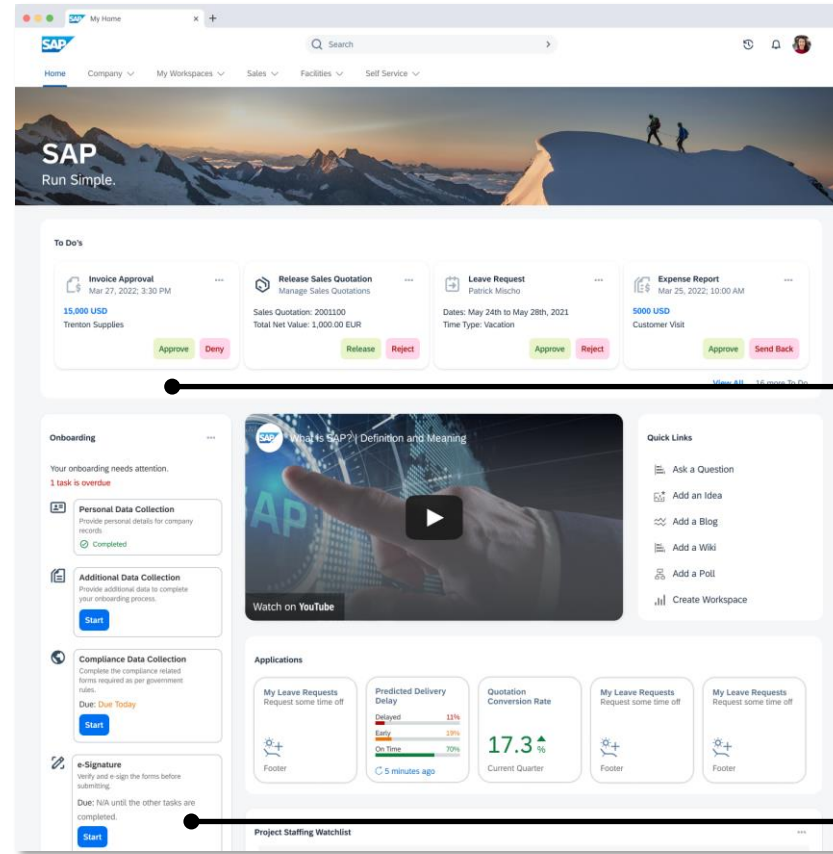
SAP Build Work Zone, Advanced

Drive Industry Relevant Innovation – Available Use Cases?

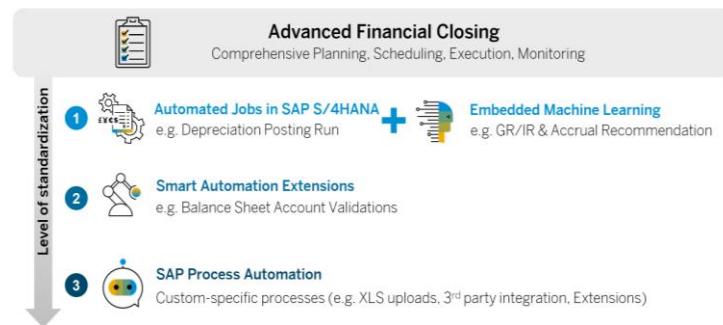# SAP Build: Extend and Automate SAP LOB Applications

SAP Service & Sales Cloud

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

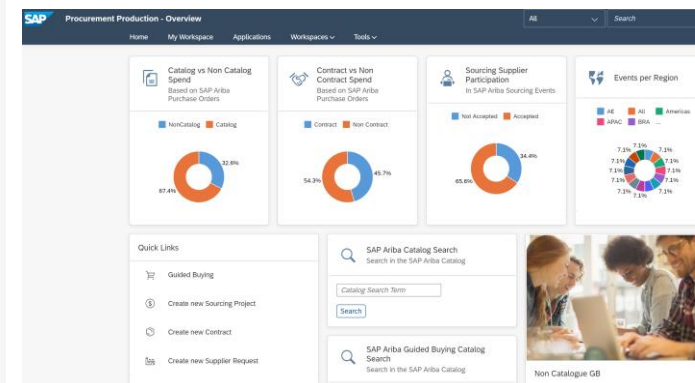## SAP SuccessFactors
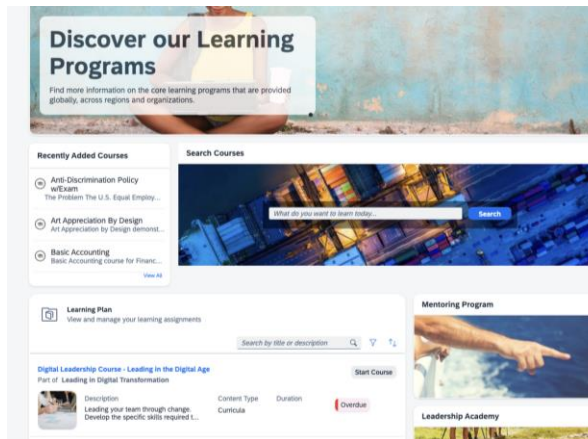
Enhance HR experiences leveraging content provided with SAP Build Work Zone and SAP Build Process Automation

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

PifPaf
alimentos

3 weeks

Go live with a mobile
application using
SAP Build Apps

30%

Reduction in time
and cost of technician
data entry

10%

Reduction in paper
usage

"

With the low-code, no-code
technology of SAP Build Apps,
we were able to go live with a
mobile application in a record
time of three weeks, providing
a fast response to our
business needs."

Lauro Salgado
Systems Development Specialist,
Pif Paf Alimentos

Industry Use Case: Cutting with SAP Build Apps

Use Case Description:

- Selection of batch that needs to be cut manually or by scanning a barcode

- Insert quantity for new batch and scrap

- Confirm it and cut the batch

- Integration into S/4HANA Cloud, public edition via APIs

Home page

Scan the batch you want to cut

Open Camera

Search the batch you want to cut

Search for a material...

Search

Batches found (255)

0000000001

0000000002

0000000003

0000000004

0000000005

Previous   **Next**

Page 1 (of 51)

Items/page

5

▶
Start

✂
Cut

✔
Confirm

Industry Use Case: Blending of Batches

Use Case Description:

- Receive a sales order with material and characteristics that we don't have on stock

- Material stock is available in different batches with other characteristics

- Two or more batches are blended to receive a batch with the characteristics needed in the sales order

- Coal material with characteristics like net calorific value, ash range, sulphur range and moisture percentage

Industry Use Case: Blending of Batches

Blending App Demo
Version: 1.0.5
Andreas Steinwender

Select Sales Order

Please select a value from the drop down menu.
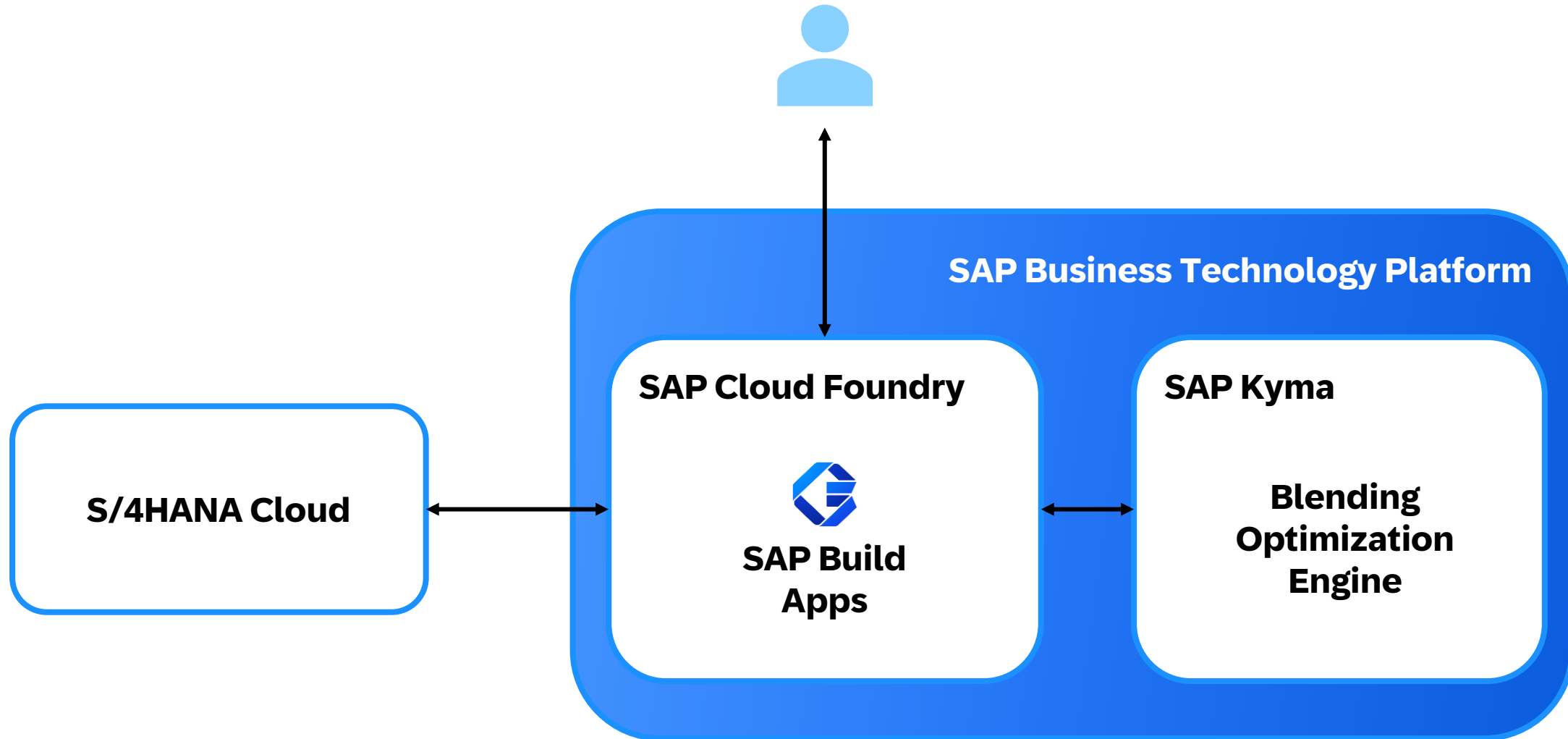Only sales orders from system EAY S4HC with material MINING_COAL_2 will be available for the selection.

Sales Order

Select option ▾

Retrieve Sales Order

Industry Use Case: Blending of Batches – Architecture

Key Takeaways

Keeping the Core Clean

The SAP Business Technology Platform is the foundation for developing applications to achieve a clean core, creating flexible IT landscapes and gaining competitive advantage.

Low-Code / No-Code Functionality on BTP

SAP Build enables developers of all skill levels to build applications and automate workflow processes and tasks without writing code.

Drive Industry Relevant Innovation

Start building immediately by leveraging out-of-the-box templates for multiple SAP products.

Start your Learning Journey

- [Composing and automating with SAP Build the No-Code Way](#)

- [Creating Processes and Automations with SAP Build Process Automation](#)

- [Extending SAP S/4HANA with SAP Build Apps and Key User Extensibility](#)

- [Developing Apps with SAP Build Apps using Drag-and-Drop Simplicity](#)
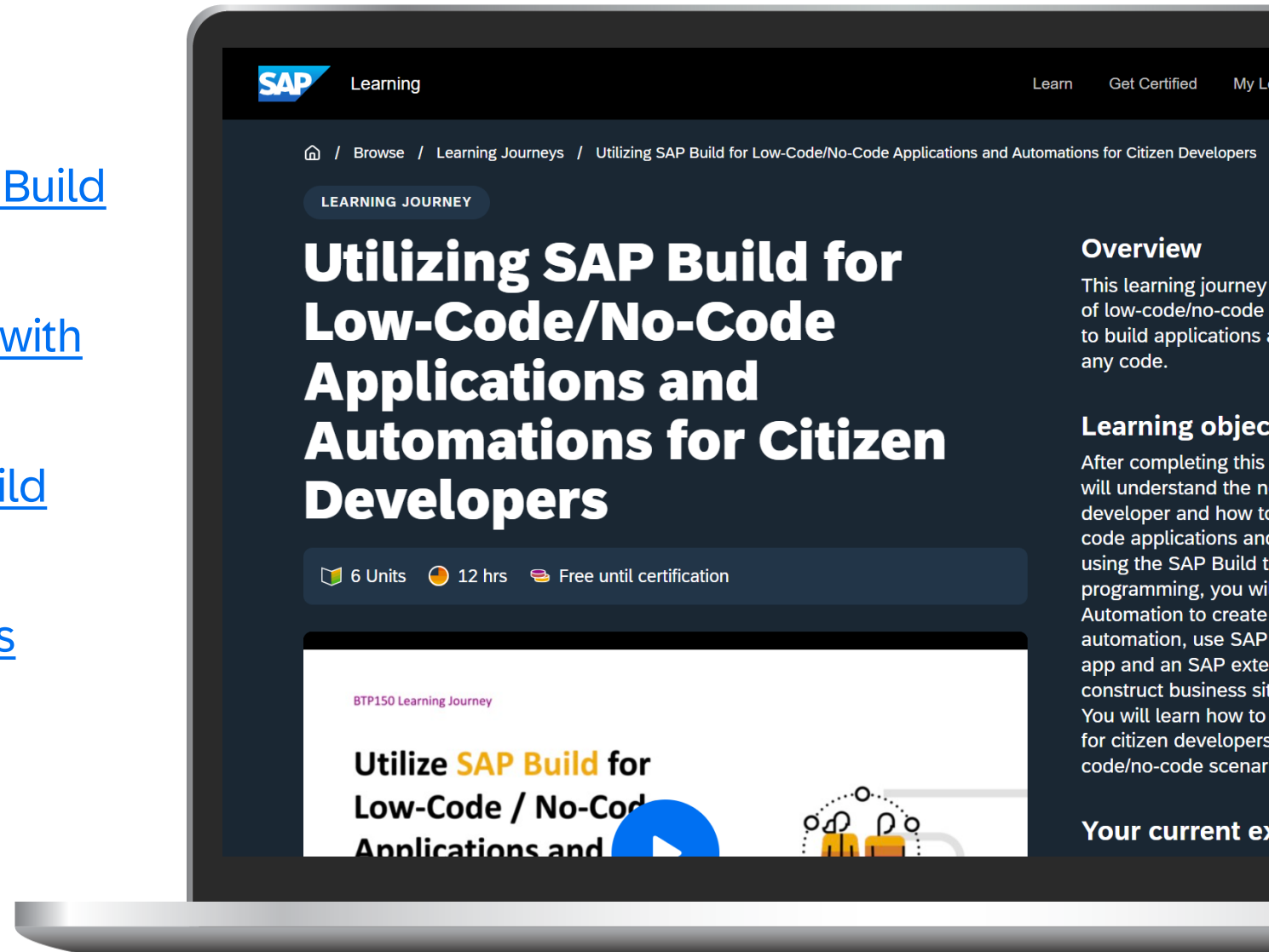
Ask Questions!
Give Feedback!

Thank you.

Contact information:

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andreas.steinwender@sap.com

SAP