

Webinar Specials



SAP S/4HANA CLOUD, Public Edition

SAP S/4HANA CLOUD Public Edition,

What to do with Customizations?

1. Options within SAP S/4HANA Cloud
2. Options within the SAP Business Technology Platform
3. Options with Two-Tier ERP
4. Where to start
5. Demo Extensibility



Most experienced partner

SAP S/4HANA CLOUD, PUBLIC EDITION

Scheer. The Process Experts.

Presenters



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YScheer

THE PROCESS EXPERTS



Expert

SAP S/4HANA Cloud,
public edition





THE PROCESS EXPERTS



Expert



SAP S/4HANA Cloud,
public edition

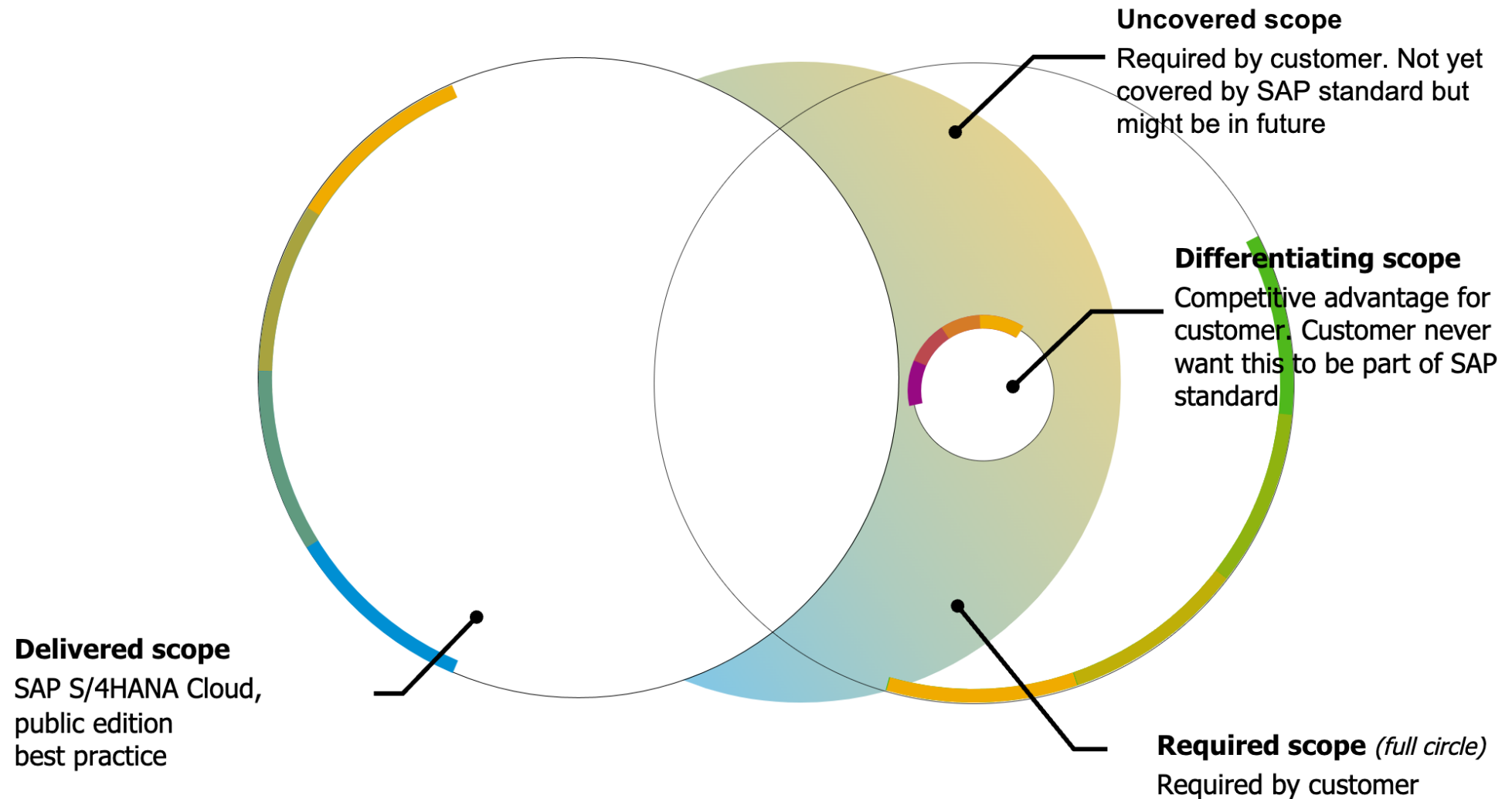
SAP[®] Qualified
Partner-Packaged Solution

SAP awarded Scheer as
SAP Expert Partner
for **SAP S/4HANA Cloud**
because of **the high number**
of certified consultants
and **many successful go-lives**

Agenda webinar Speed of Implementation

Introduction 1	Options within SAP S/4HANA Cloud? 2	Options with SAP BTP? 3	Options with Two- Tier ERP? 4
Where to Start? 5	Demo 6	Q&A 7	

Why Build Extensions



User Interface Layer



Application Layer



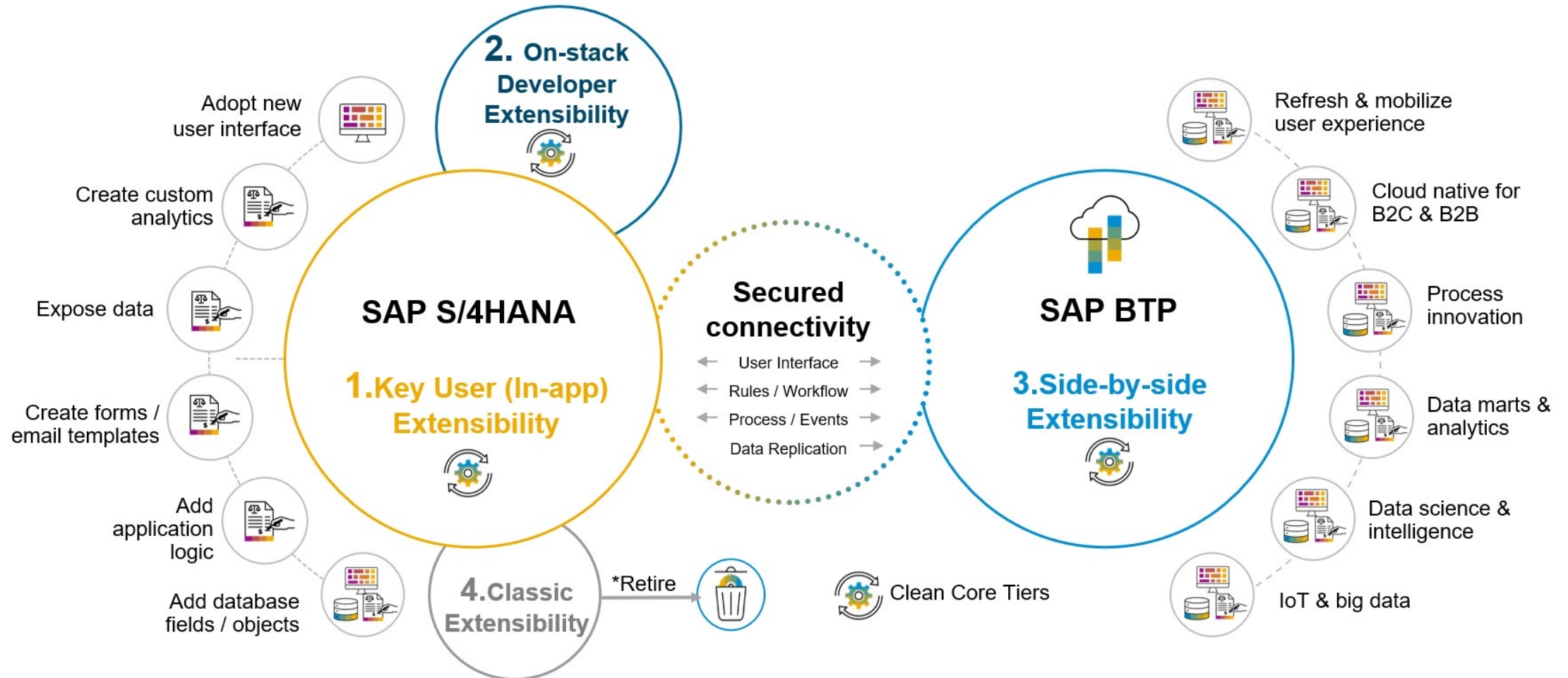
Database Layer



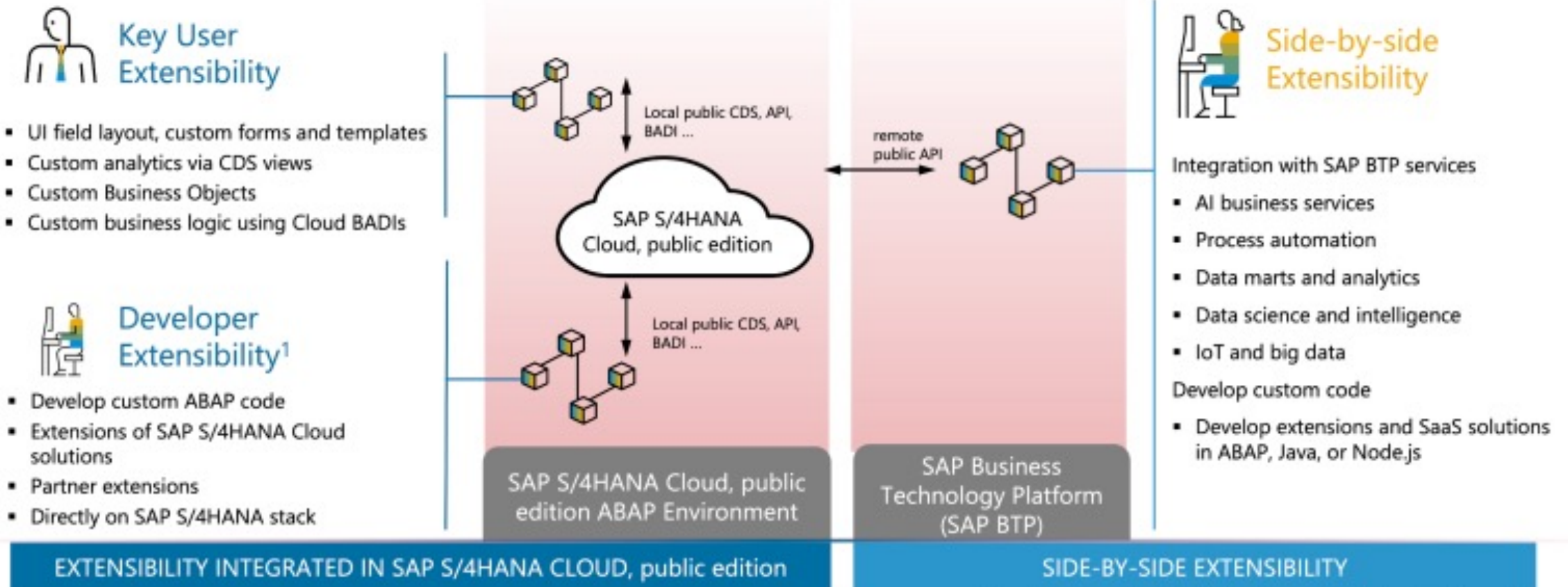
SAP S/4HANA Extensibility (all editions)

In-App Extensions

Cloud Extensions



Comprehensive extensibility capabilities to allow cloud lifecycle compliant innovation and differentiation whilst retaining the benefits of a clean digital core.



Clean Core Strategy – “Keep the core clean”



CLEAN

up-to-date, transparent,
unmodified, consistent,
efficient, and cloud compliant.



CORE

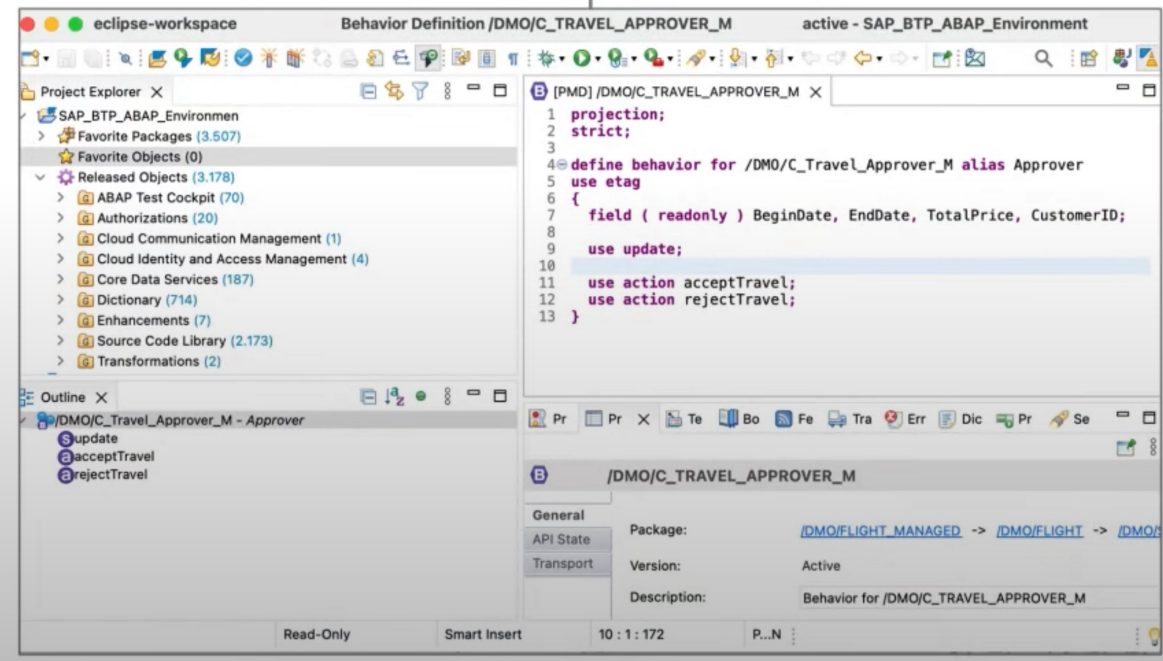
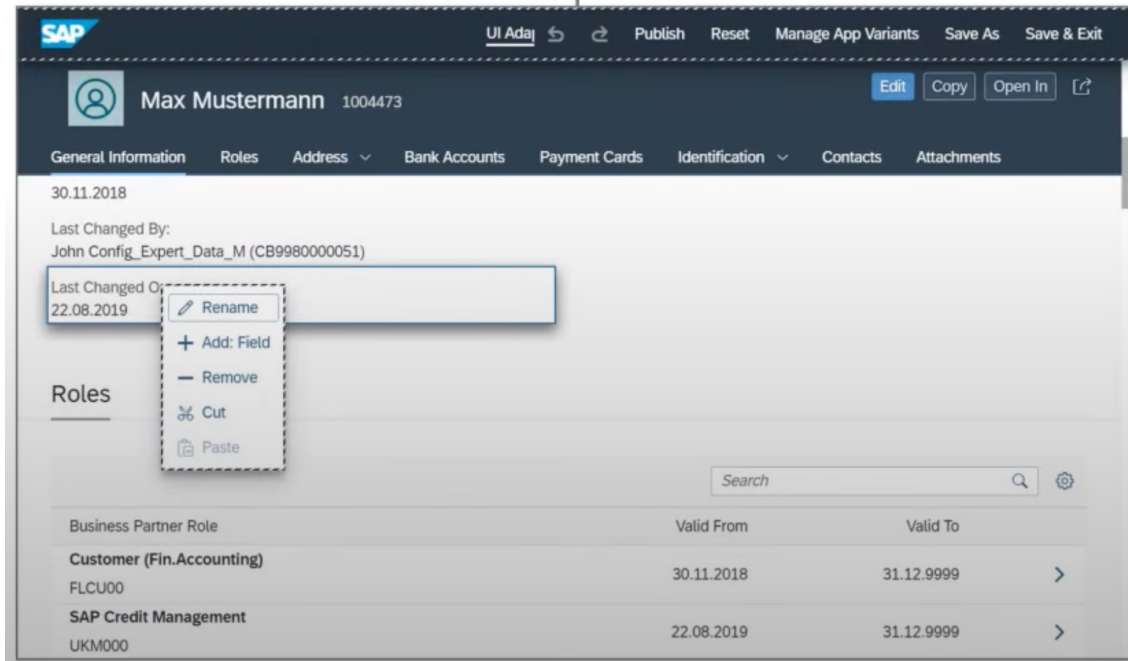
the main aspects of an ERP
system are extensibility,
processes, data, and integration.

Goal: *Extensions should not break an upgrade and upgrades should not break an extension*

Benefits of a clean core:

- Reduce TCO
- Enhanced Agility
- Fast Innovation

*Clear message resonating with SAP Customers
Extensions are critical to 'keep the core clean'*

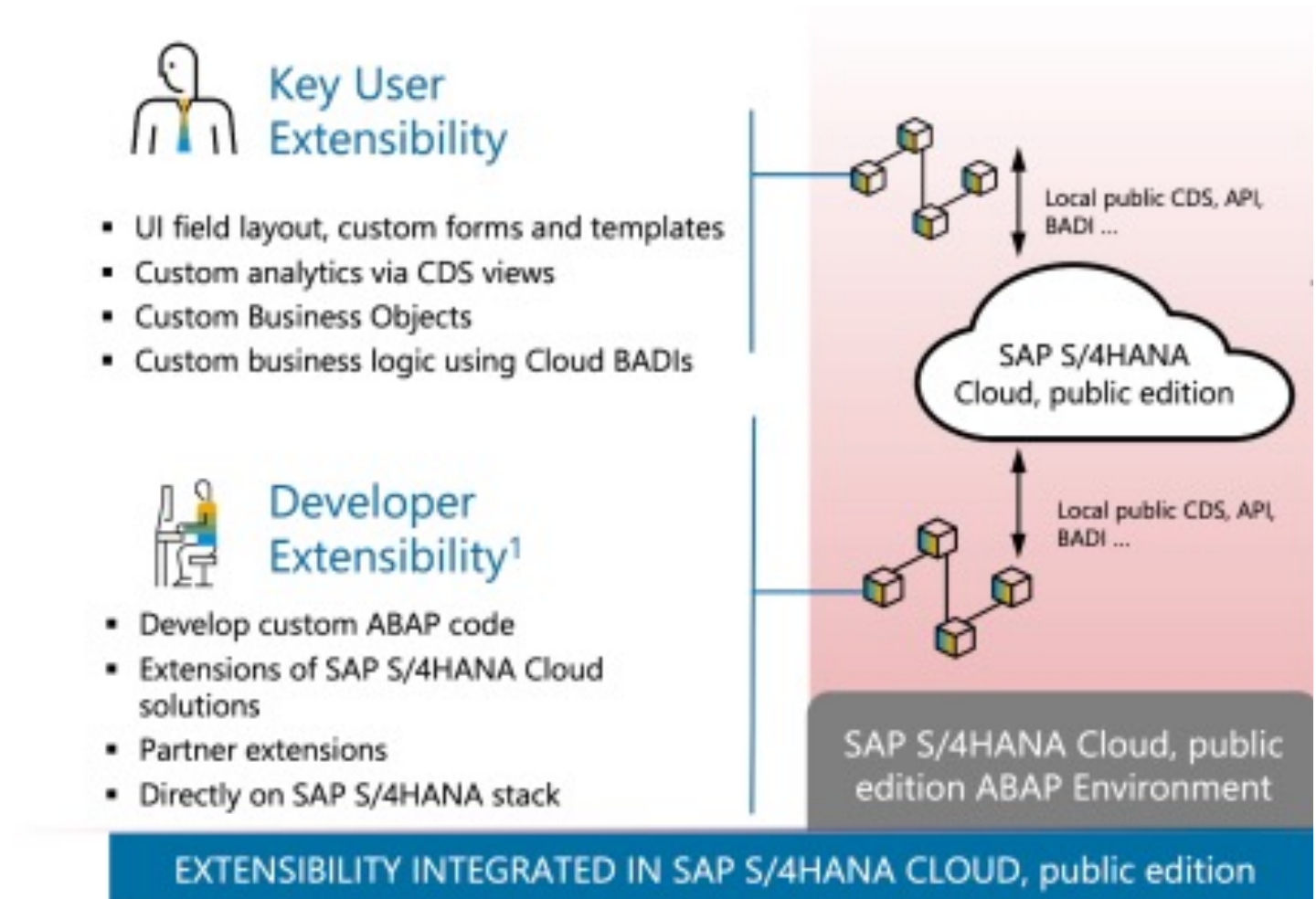


Agenda webinar Speed of Implementation

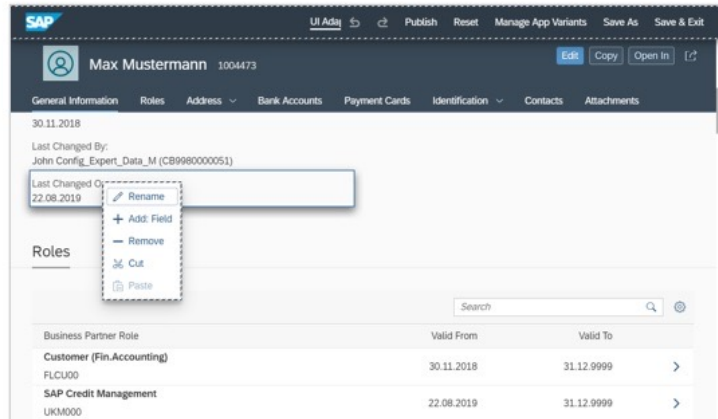
Introduction	Options within SAP S/4HANA Cloud?	Options with SAP BTP?	Options with Two-Tier ERP?
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Options within SAP S/4HANA Cloud?

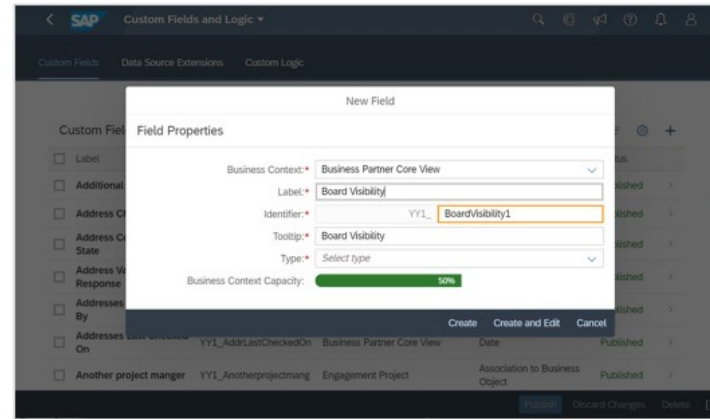
Distinction between the roles of users within the system and their extensibility activities



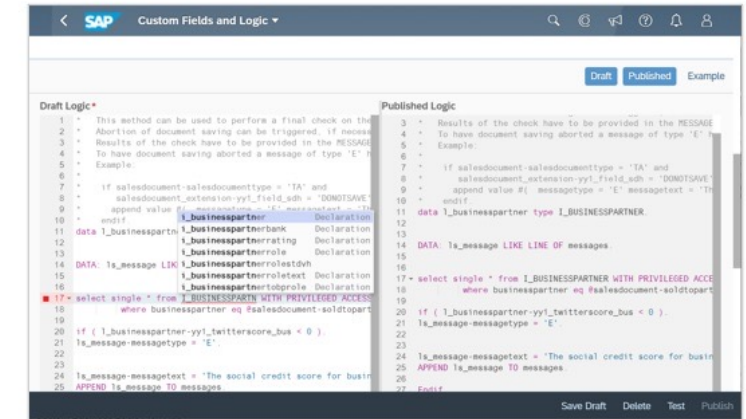
Options within SAP S/4HANA Cloud?



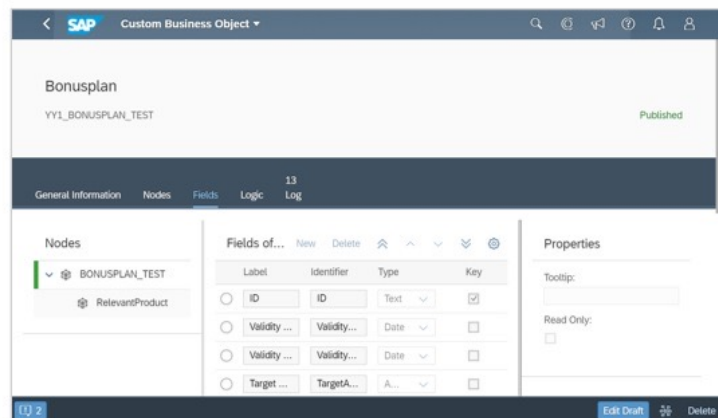
UI adaptation mode – adaptation mode with drag-and-drop configuration



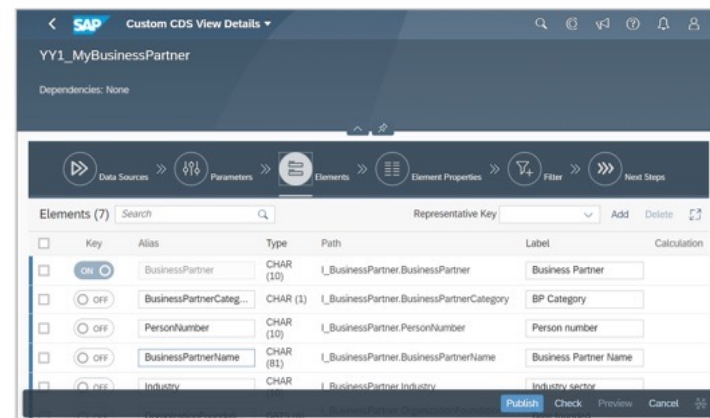
Custom fields SAP Fiori app



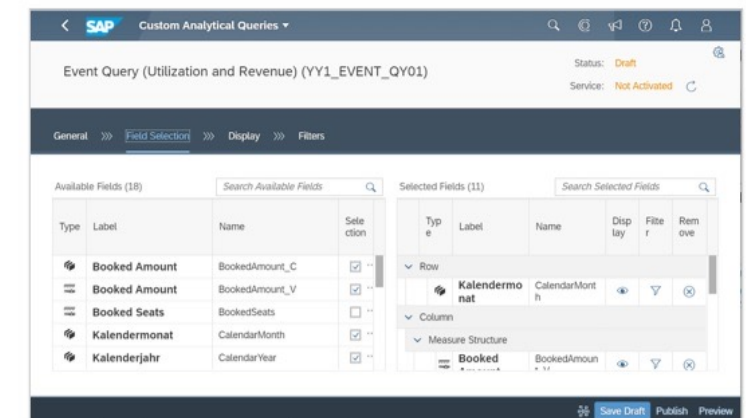
Custom business logic SAP Fiori app



Custom business objects SAP Fiori app



Custom CDS views SAP Fiori app



Custom analytical queries SAP Fiori app

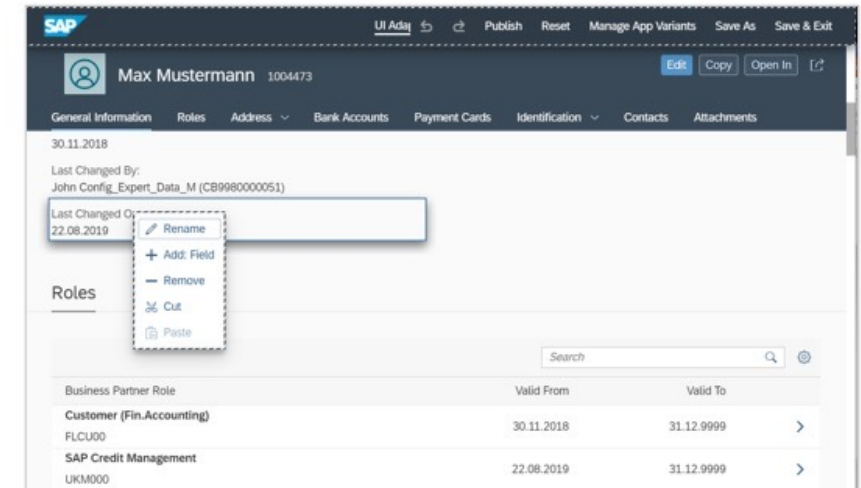
Options within SAP S/4HANA Cloud?

Changing screens in Adaptation Mode:

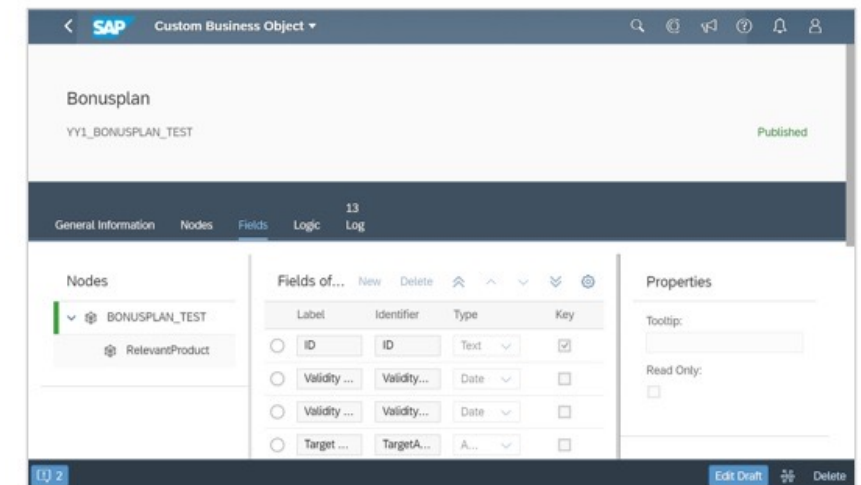
- Hide fields for certain users
- Drag en Drop fields to reorganize screens

Create Custom Tables with Custom Business Objects:

- Customer tables with all types of fields (text, number, list)
- Automatically create UI and APIs for your CBO



UI adaptation mode – adaptation mode with drag-and-drop configuration

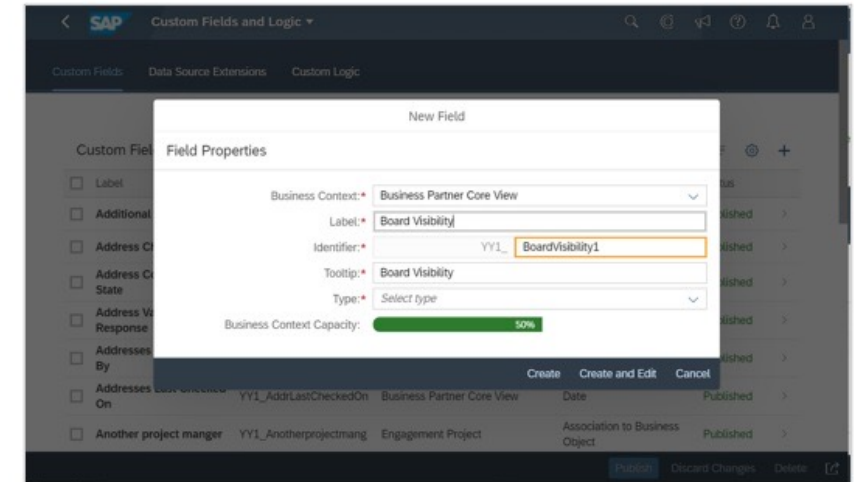


Custom business objects SAP Fiori app

Options within SAP S/4HANA Cloud?

Create Custom Fields:

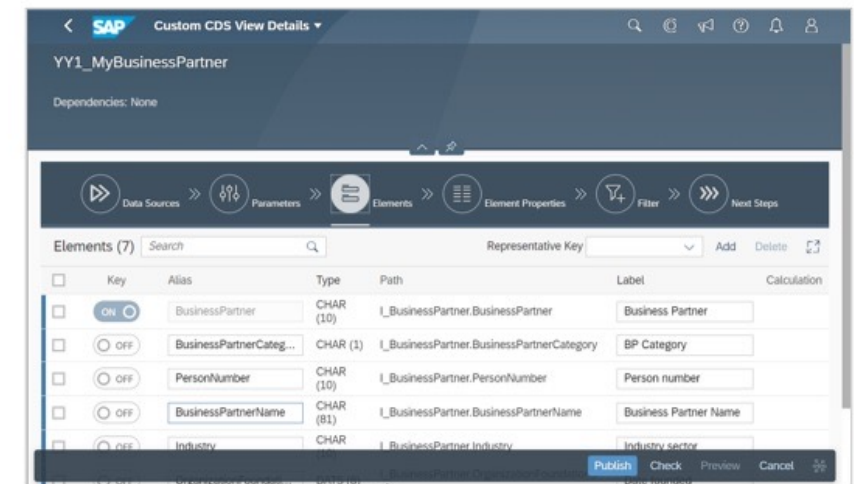
- Create fields to match your business processes
- Fields can be from all kinds of formats (Date, Text, List, etc.)



Custom fields SAP Fiori app

Create custom CDS Views when standard does not reach requirements:

- Combine information from several LOBs to get more End2End reporting
- Use Custom CDS Views also for Situation Handling
- Create Custom CDS Views for Custom APIs

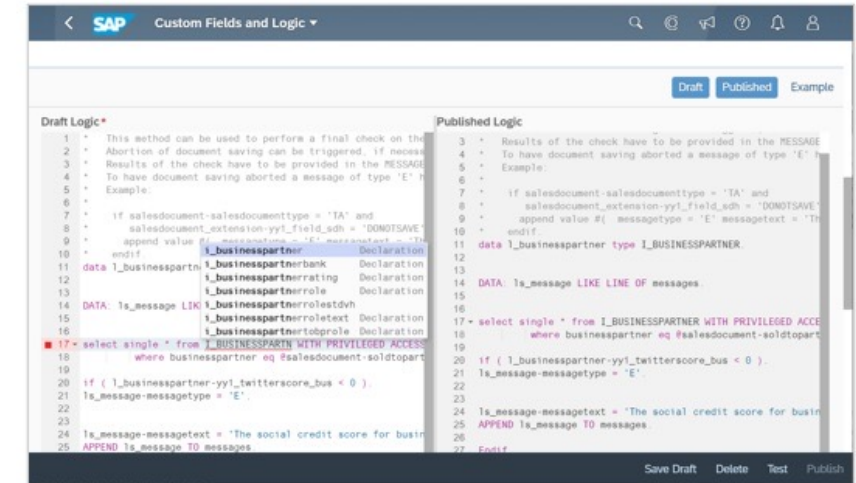


Custom CDS views SAP Fiori app

Options within SAP S/4HANA Cloud?

Custom Business Logic:

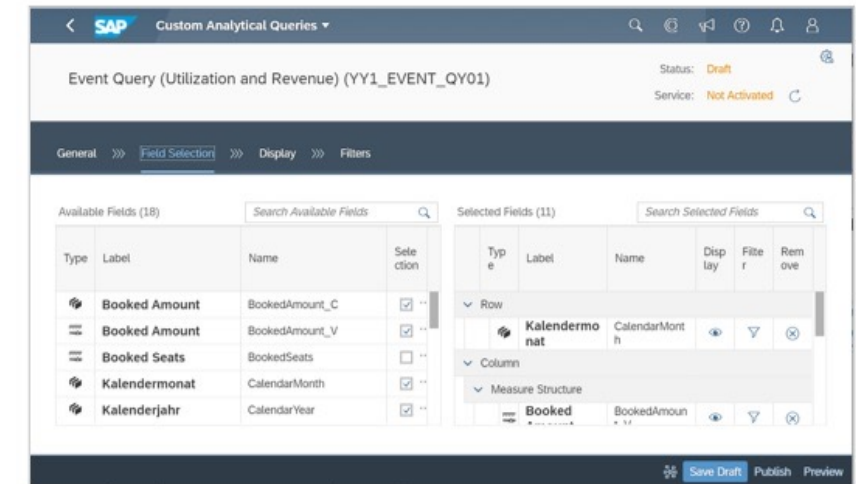
- Implement BAdIs released by SAP
- Write custom code by using ABAP for key users



Custom business logic SAP Fiori app

Create custom structured Analytical Queries:

- Transforms and organizes raw data delivered from business documents into a meaningful grid



Custom analytical queries SAP Fiori app

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Secure & compliant
Open & flexible
Unified & simple

Broad ecosystem
Enterprise-grade & scalable
Business-centric

Business Technology Platform

App Dev	Automation	Integration	Data and Analytics	AI
→ Visual Low-Code / No-Code experience	→ Workflow Management	→ Process integration	→ Analytics & planning	→ Pre-built business AI models
→ Pro-code tooling	→ Robotic Process Automation	→ API-led integration	→ Data management	
→ Digital experience	→ Process monitoring & analytics	→ Event-driven integration	→ Operational database	→ MLOps
→ DevOps	→ Automated document processing	→ B2B integration		
		→ Data integration	→ Data warehouse & data lake	→ Responsible AI

Options with SAP BTP?

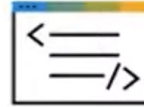


SAP BUILD

SAP Build Apps

SAP Build Process Automation

SAP Build Work Zone



PRO-DEVELOPER TOOLS

**SAP Business Application
Studio**

**SAP Cloud Application
Programming Model**
Java, JS

**ABAP RESTful
Application
Programming Model**
ABAP

**SAP-Optimized Frameworks
& Services**

SAP Business Accelerator Hub*

(evolution of SAP API Business Hub)



SAP INTEGRATION SUITE

**API & Event Integration
(Cloud & Hybrid)**

API Management

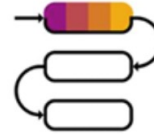
Integration Advisor

Trading Partner Management

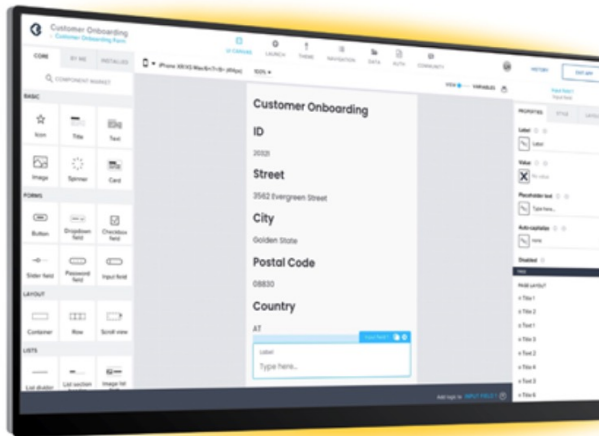
Compose applications



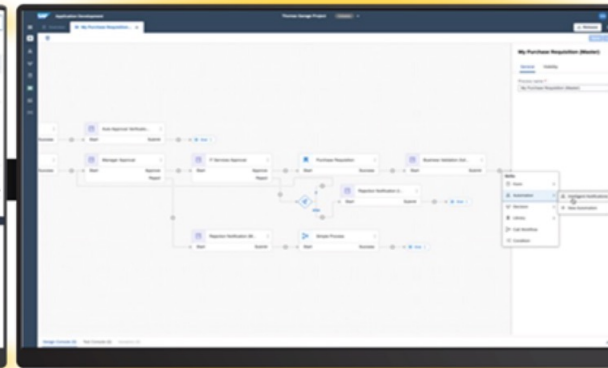
Automate processes + tasks



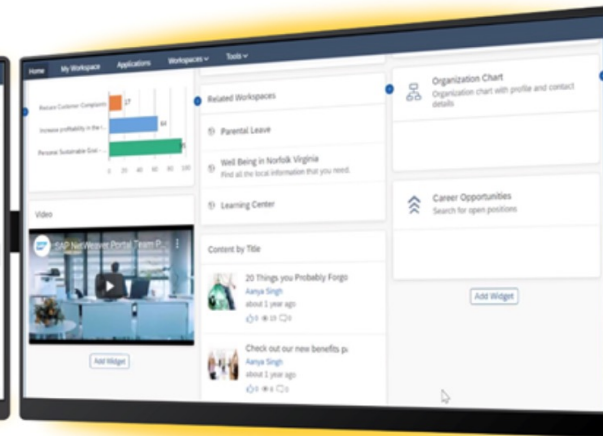
Design business sites



SAP Build Apps



SAP Build Process Automation

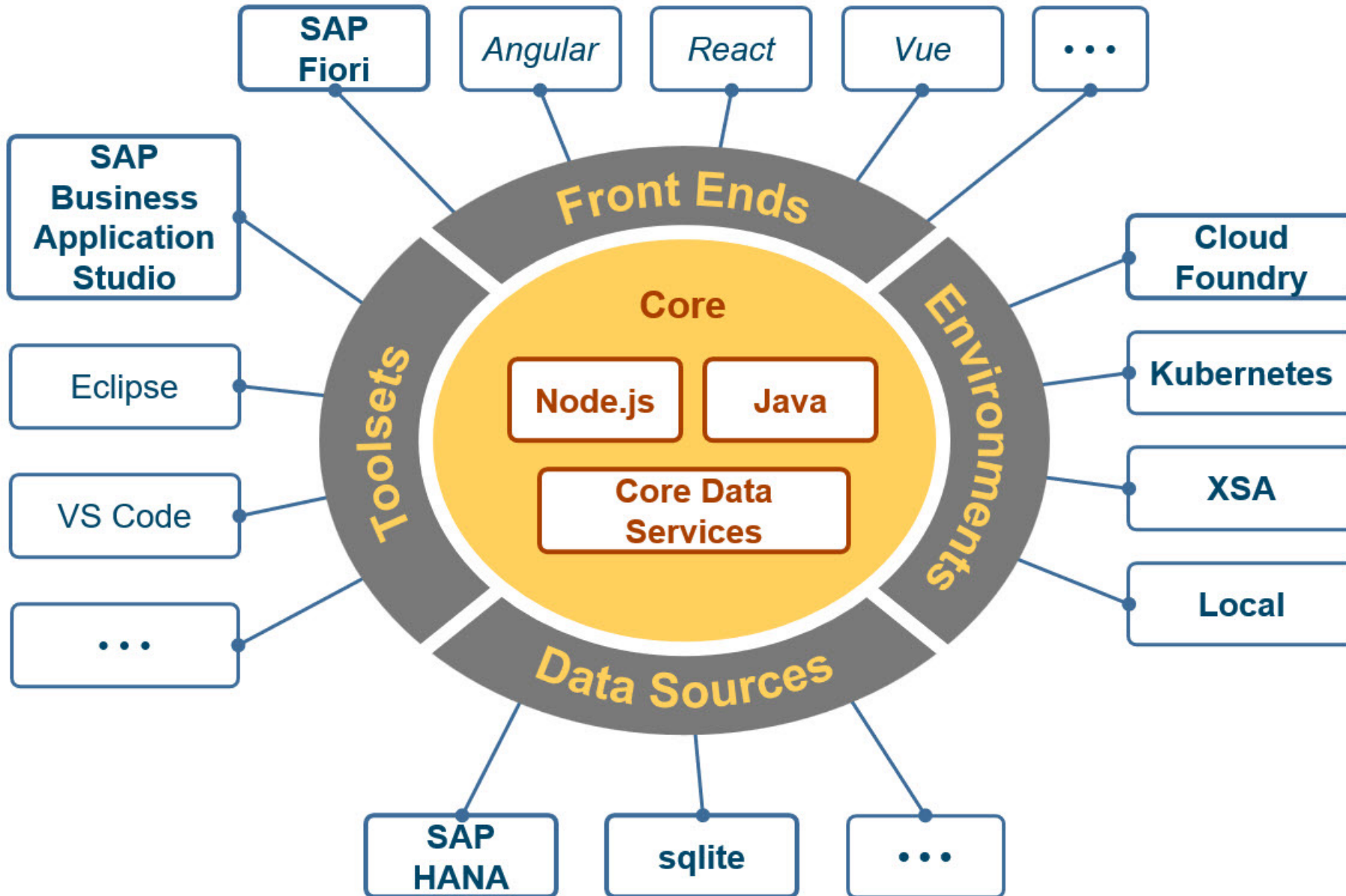


SAP Build Work Zone

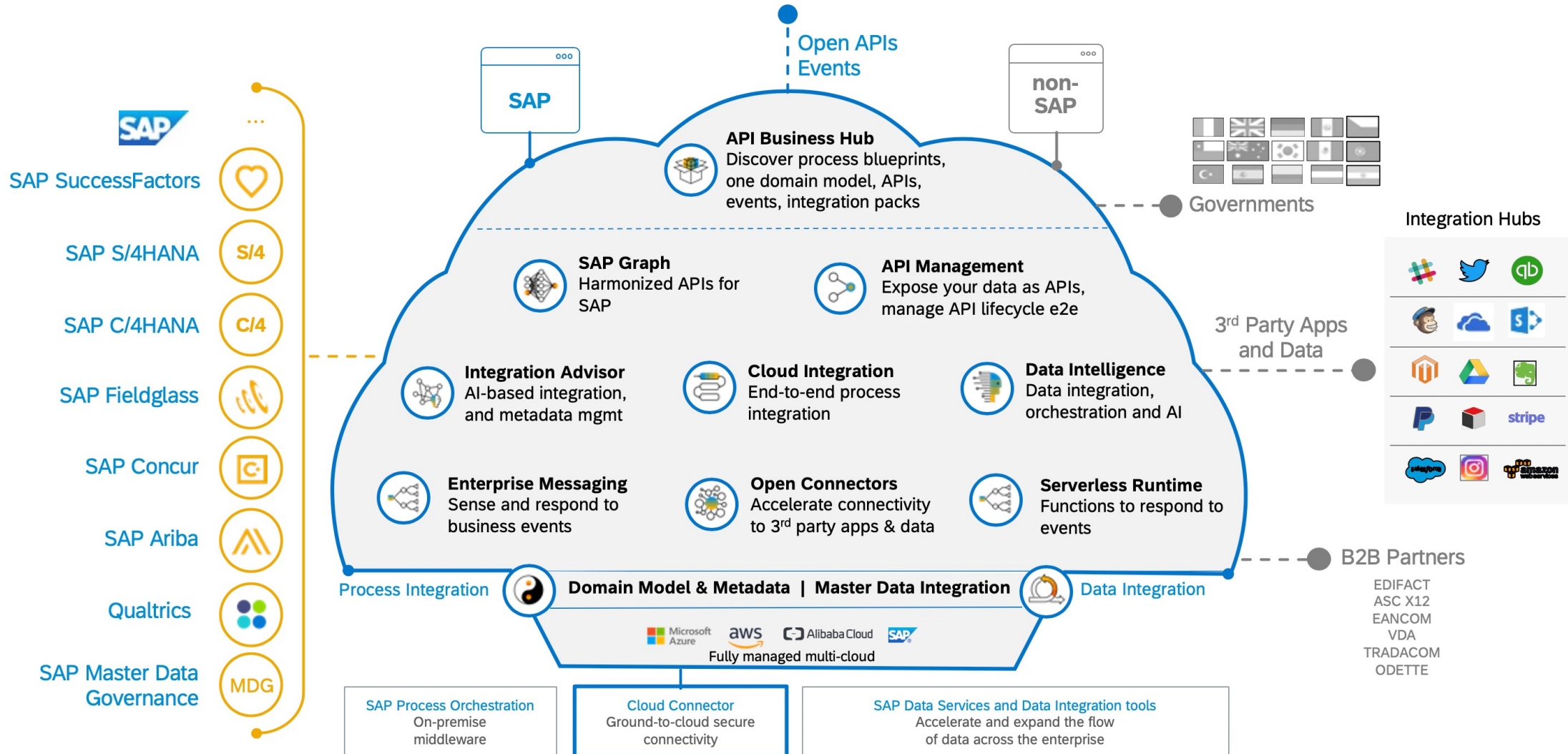
**Build Visually
Integrate Seamlessly
Collaborate Securely**

SAP BUILD

Low Code



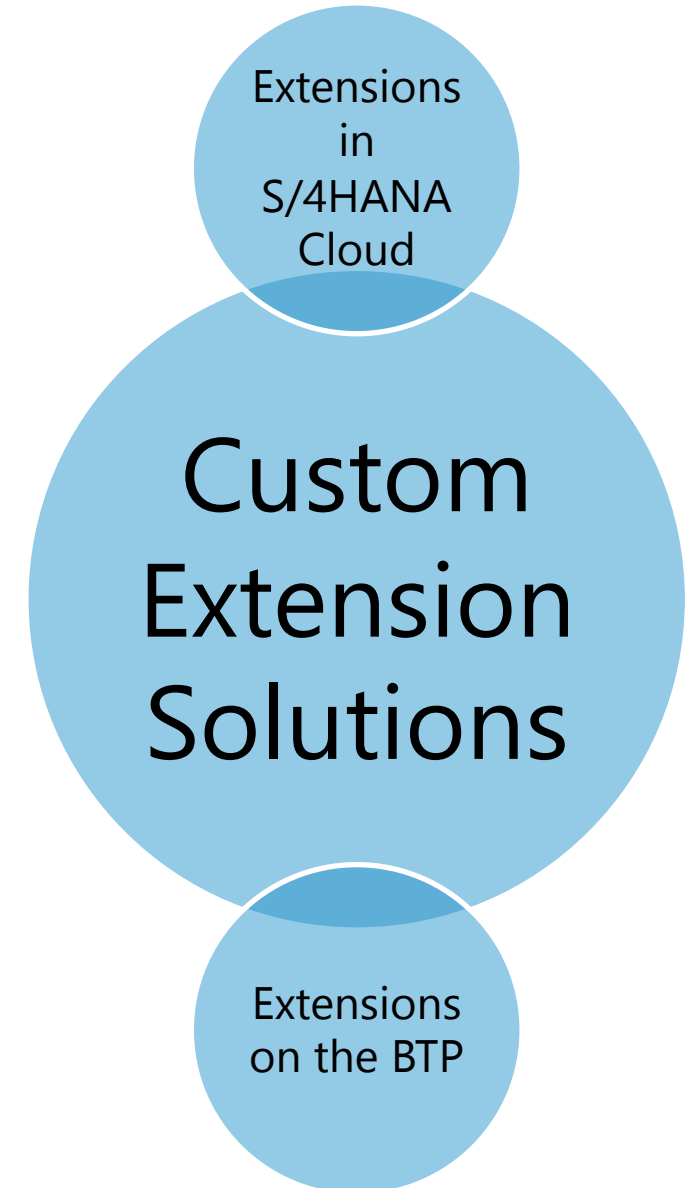
Pro Code



Integration Suite

Options for SAP BTP?

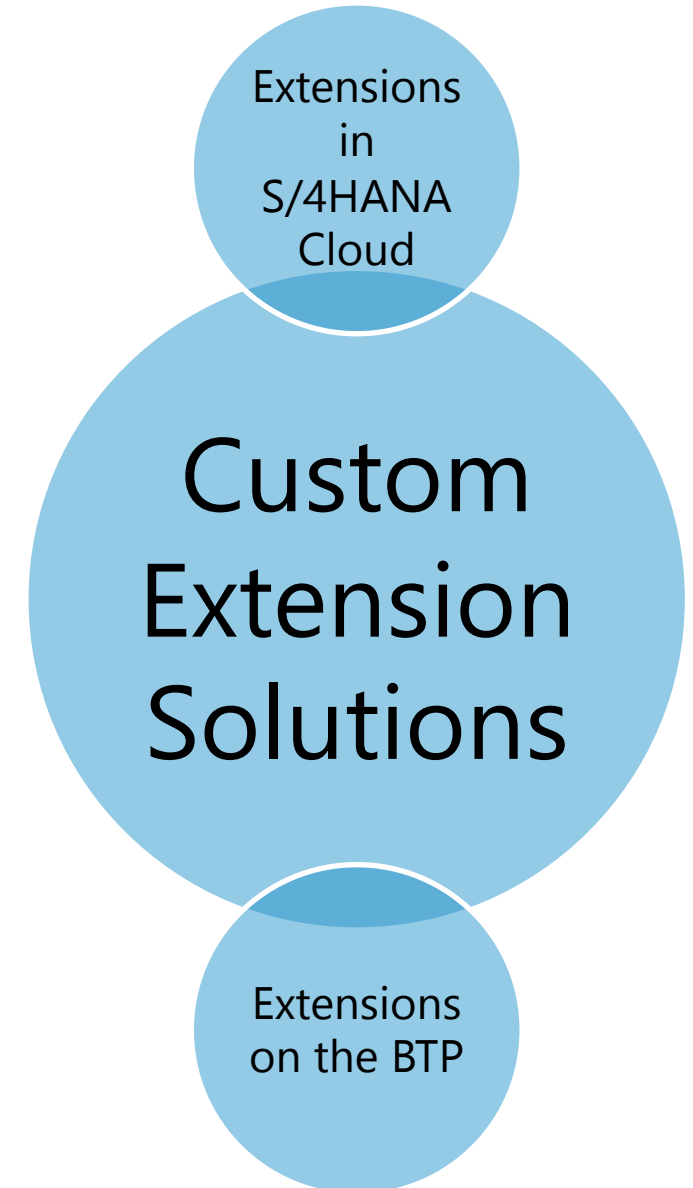
Combine your extensions from S/4Hana Cloud with your extensions on the BTP to optimize your custom solution



Options for SAP BTP?

Combine your extensions from S/4Hana Cloud with your extensions on the BTP to optimize your custom solution

Check standard API or extensibility scenarios which cover S/4HANA Cloud and BTP

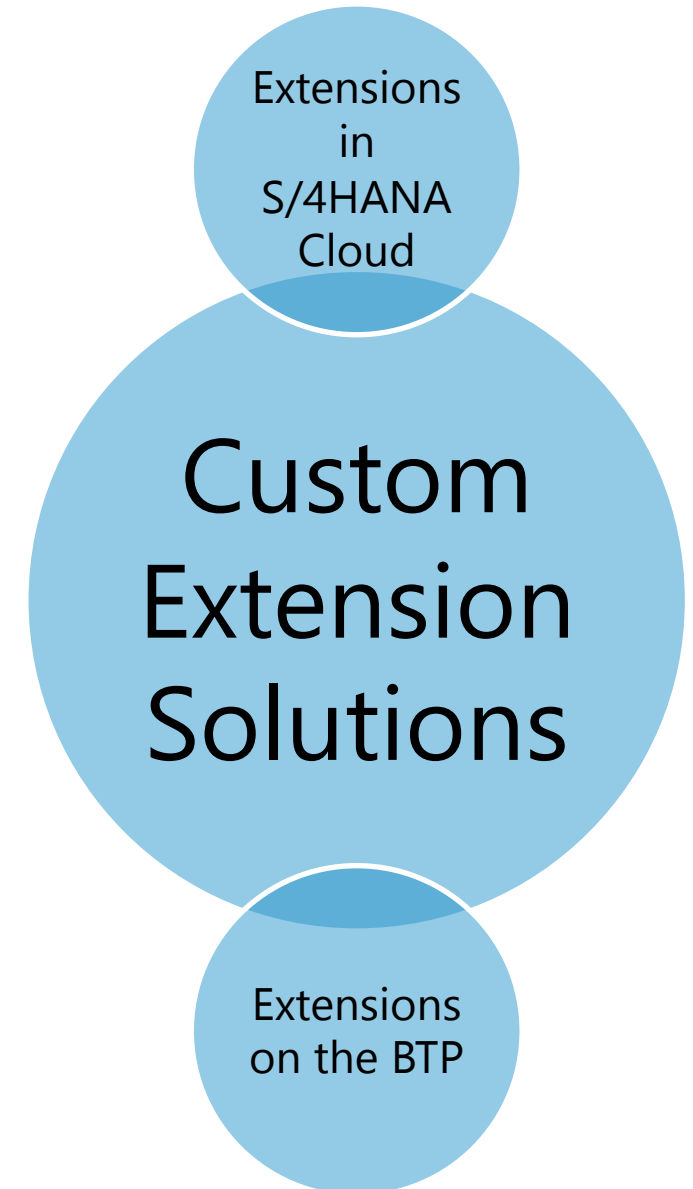


Options for SAP BTP?

Combine your extensions from S/4Hana Cloud with your extensions on the BTP to optimize your custom solution

Add Extensions fields created in SAP in APIs for integrations via the Integration Suite

Check standard API or extensibility scenarios which cover S4HANA Cloud and BTP



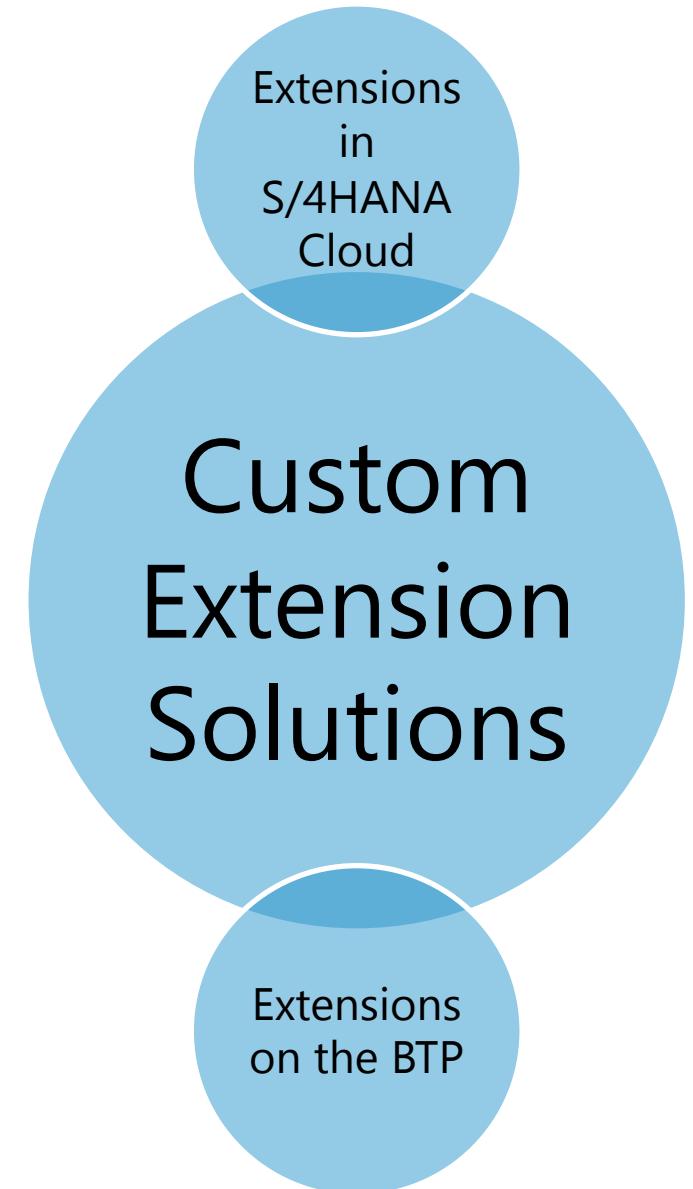
Options for SAP BTP?

Combine your extensions from S/4Hana Cloud with your extensions on the BTP to optimize your custom solution

Add Extensions fields created in SAP in APIs for integrations via the Integration Suite

Check standard API or extensibility scenarios which cover S4HANA Cloud and BTP

Use Custom APIs on Custom CDS views in your application in the Business Application Studio



Options for SAP BTP?

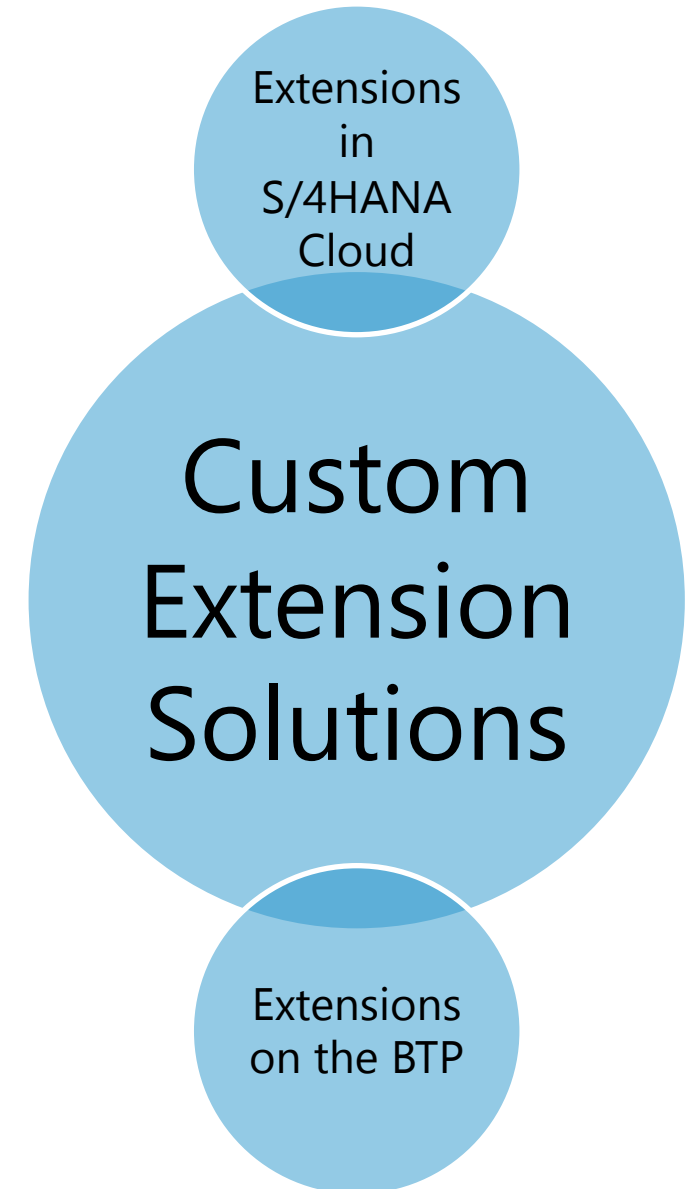
Combine your extensions from S/4Hana Cloud with your extensions on the BTP to optimize your custom solution

Add Extensions fields created in SAP in APIs for integrations via the Integration Suite

Check standard API or extensibility scenarios which cover S4HANA Cloud and BTP

Combine your Custom Business Objects in APIs used in your Custom App from SAP Build

Use Custom APIs on Custom CDS views in your application in the Business Application Studio



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Options with two-tier ERP?

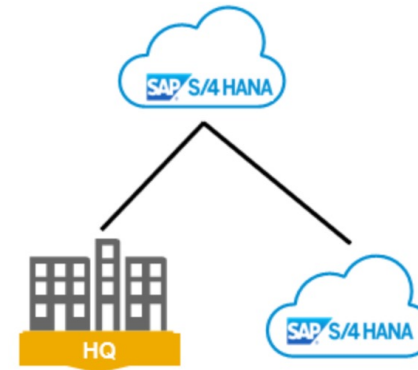
Scenario 1
Headquarter & Subsidiary



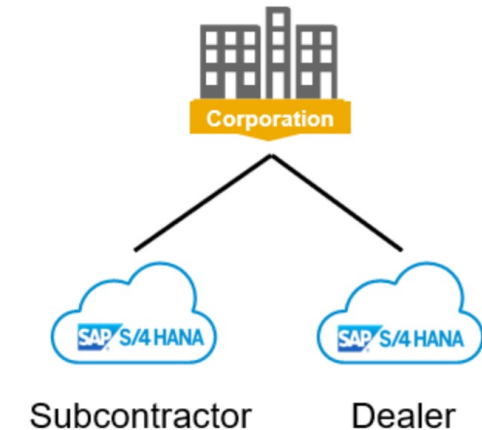
Scenario 2
Corporate / Affiliate



Scenario 3
Central Services



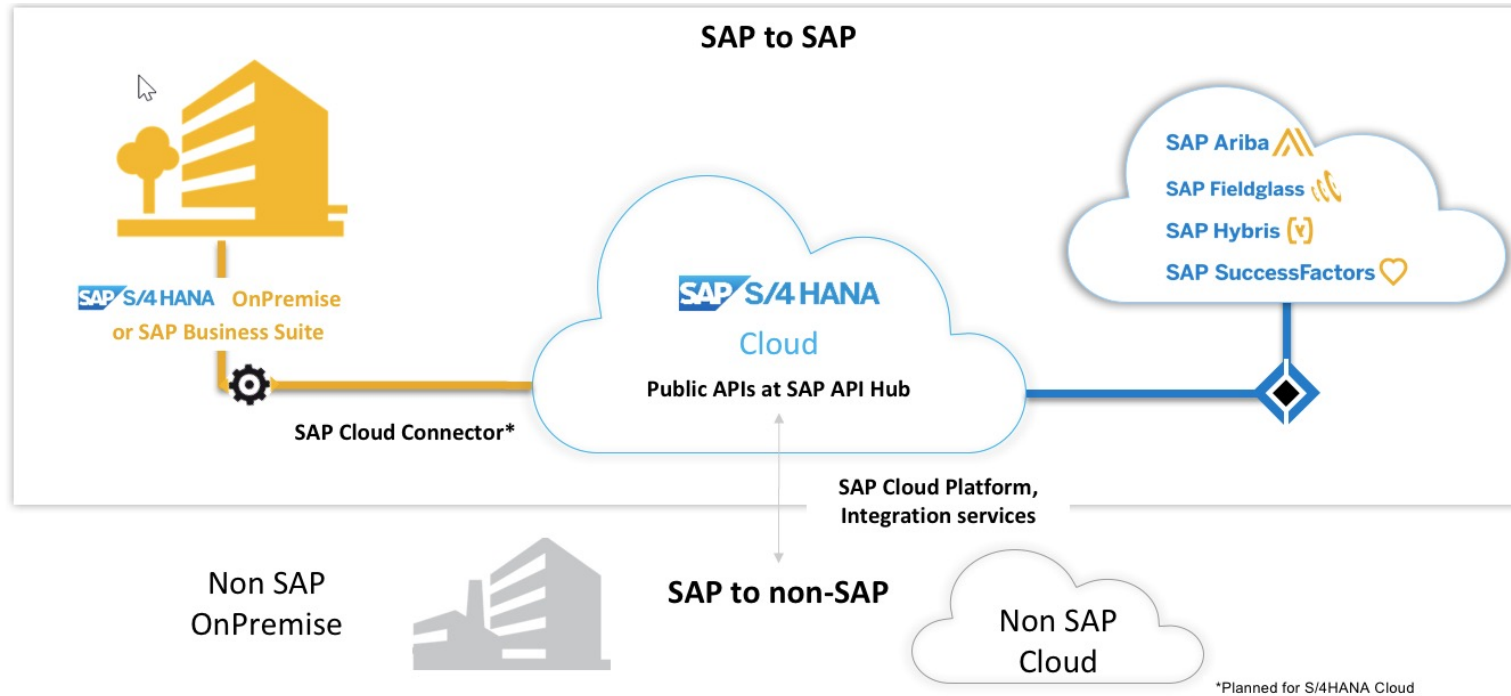
Scenario 4:
Eco System



When a company implements different ERP systems for different parts of the organization, the industry calls this a Two-Tier ERP strategy.

“Two-Tier ERP setup is vital for strategic goals and growth targets for organizations”

Options with two-tier ERP?



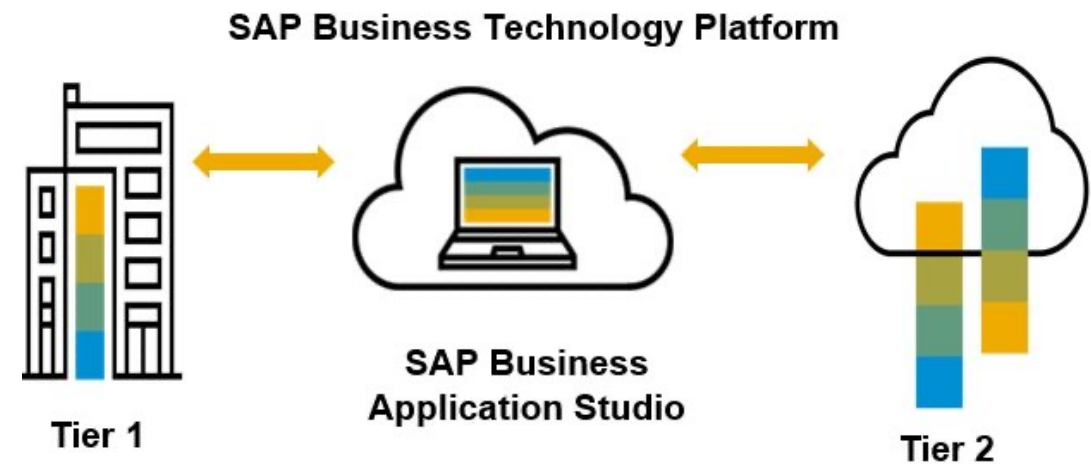
Integrate your SAP S/4HANA Cloud with other applications to create a two-tier ERP.

Key User Extensibility can make sure that you can integrate system in a two-tier ERP. Match your S/4HANA Cloud system with other ERP systems in your landscape.

Options with two-tier ERP?

Via the BTP, you can connect your different system in the two-tier ERP.

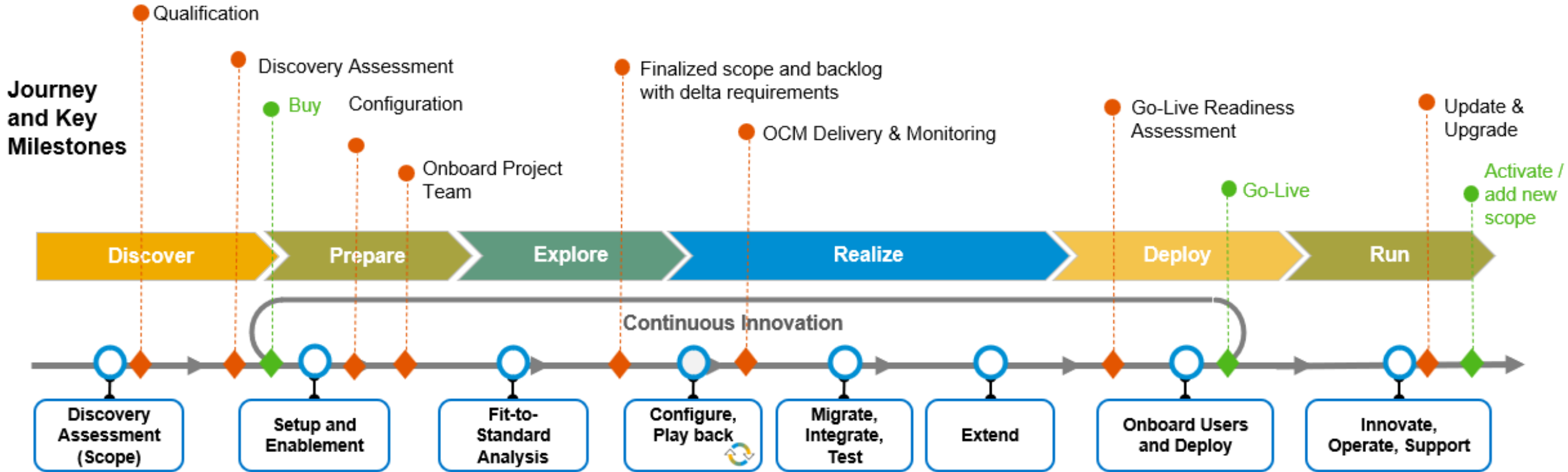
- Connect the systems via the Integration Suite and include for instance your custom fields necessary for your solution
- Create a custom LCNC app or Business Application Studio App to gather data from multiple systems to create an overall view of all the data



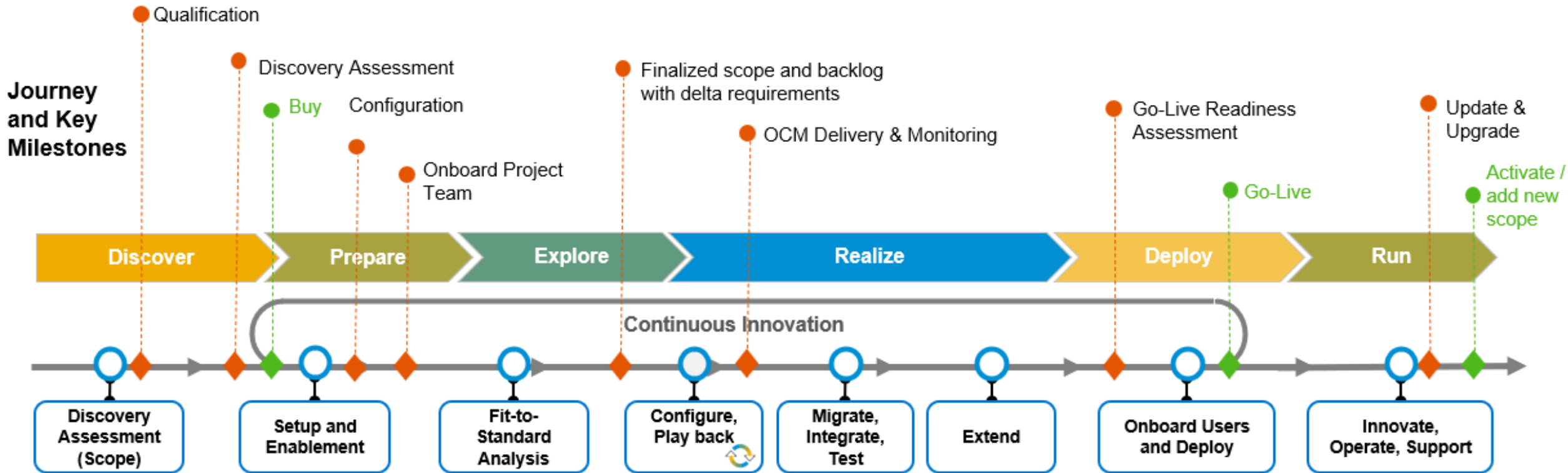
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Where to start?



Where to start?

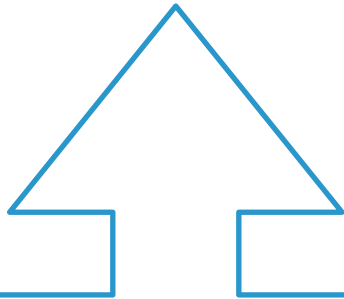


Where to start with your extensionsibility options during the SAP Activate Methodology?

Where to start?



Where to start?

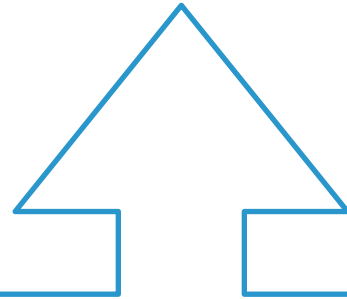


Discover APIs and integration possibilities

- Use the Digital Discovery Assessment (DDA) to identify the possible requirements for integrations
 - Collect the standard Scope items for integration scenarios
- Create a system landscape (IST and SOLL)



Where to start?

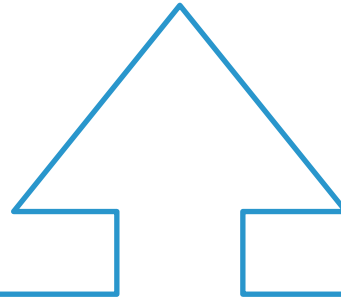


Self-enablement on Extensibility:

- Use the **SAP Extensibility Explorer** on which options there are (including sample scenarios)
- Follow **OpenSAP** courses on the topic "Extending SAP S/4HANA Cloud"
- Review the **SAP Documentation** on guidance, governance and tools to help stay as close to the SAP standards as possible



Where to start?

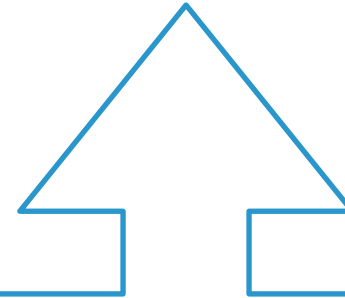


Extension Planning and Design

- Get clear view of **Requirements** for Extensibility
- Check **Sample Scenarios**
- Collect **Details** for Extensions
 - Create Detail **Design** on Key-User Extensibility
 - Create Details **Design** on Side-by-Side Extensibility



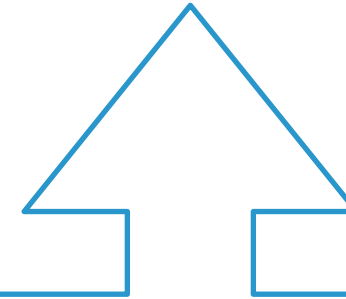
Where to start?



Extension Development in Quality/Test system

- Set up and Develop Key-User Extension(s)
- Set up and Develop Side-by-Side Extension(s)

Where to start?



Solution Extension Deployment on Production

- **Deploy** your solutions on the Production System
- **Check** your solution in the Production environment, **test** your application and **improve** where necessary

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Demo

Project manager app

1. Search Contract

Search Customer

Get Contract Details

Search a customer...

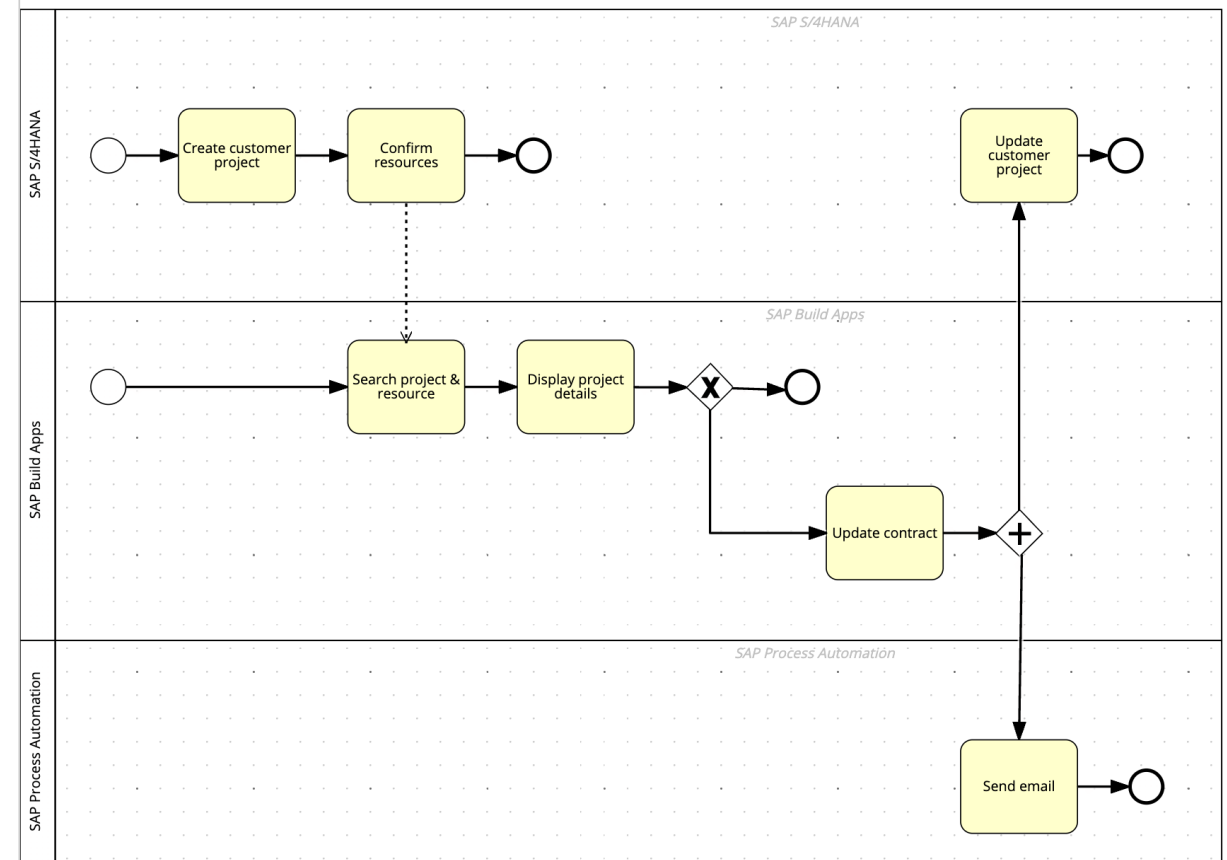
Search and Select Employee

Search an employee...



SAP Build

The illustration shows a person sitting at a desk with a laptop, another person standing next to a large monitor displaying code and error messages, with gears and a lightbulb in the background.



Lessons Learned

Keep the core clean

Document the Requirements
to stick to the plan

Limit the scope and avoid scope
creep

Identify the possible non-fits in
the Best Practices of SAP

Start on time with
Extensibility options

Use accelerators, do not
re-invent the wheel

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