



# **TEC117 – Accelerate Implementations of SAP S/4HANA with SAP Activate**



# Speakers

**Las Vegas, Sept 19 - 23**

Oren Shatil

**Bangalore, October 5 - 7**

Cherry Xu

**Barcelona, Nov 8 - 10**

Holger Steffens



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# Agenda

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SAP Activate Overview

SAP Activate Methodology

SAP S/4HANA Best Practices

SAP Activate Example

Resources

# The big picture

## SAP Value Assurance

- Smooth journey to SAP S/4HANA with Value Assurance Service Packages

## SAP Solution Manager

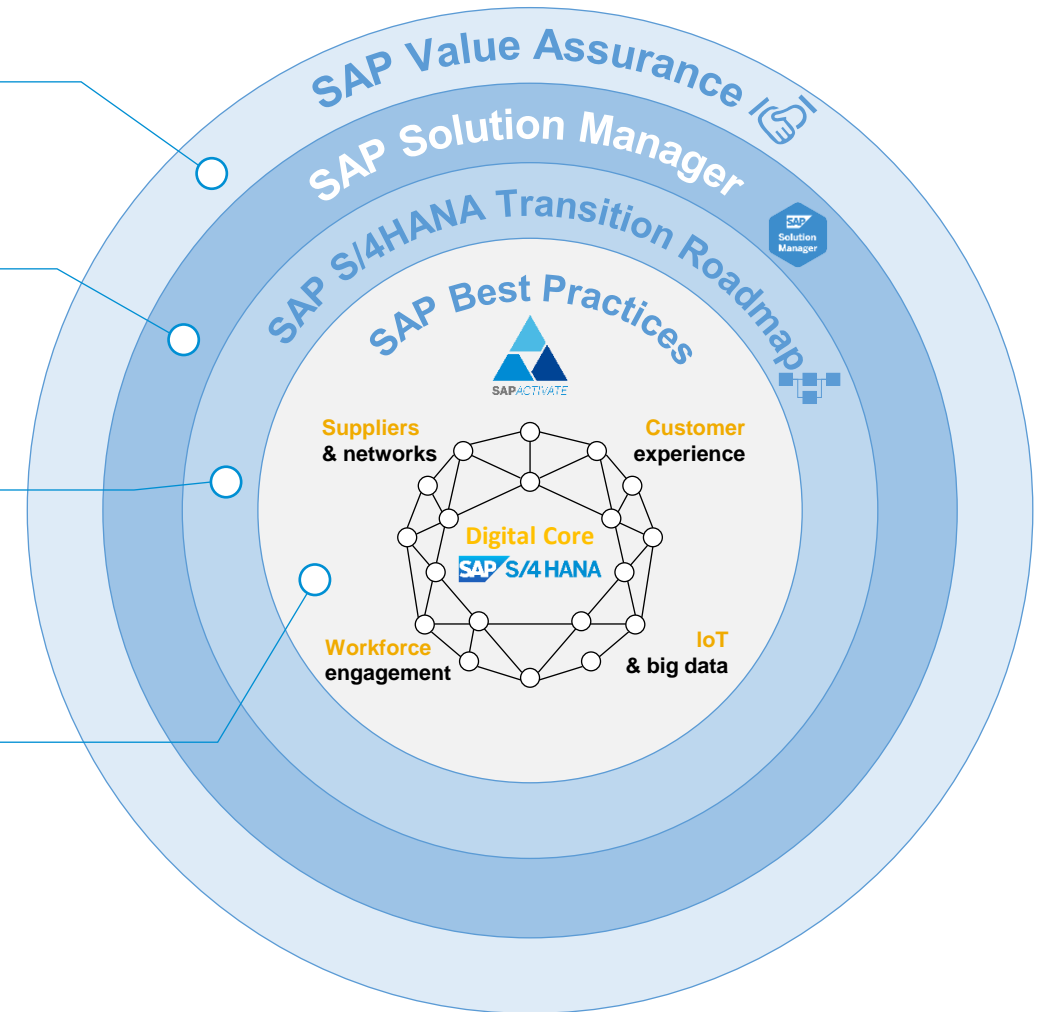
- Delivery infrastructure for SAP S/4HANA
- Orchestrates end-to-end service delivery

## SAP S/4HANA Transition Roadmap

- One unique implementation roadmap for all transition scenarios powered by SAP Activate
- Support for agile implementation projects

## SAP Best Practices for SAP S/4HANA

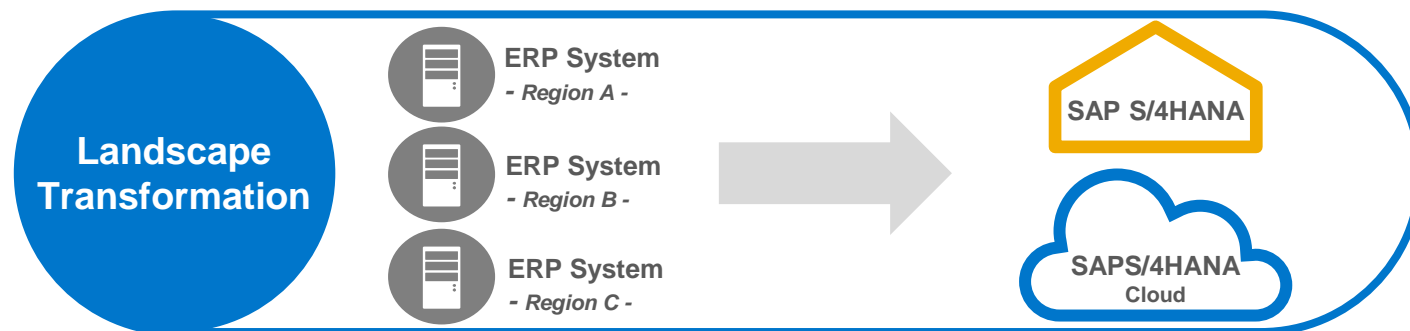
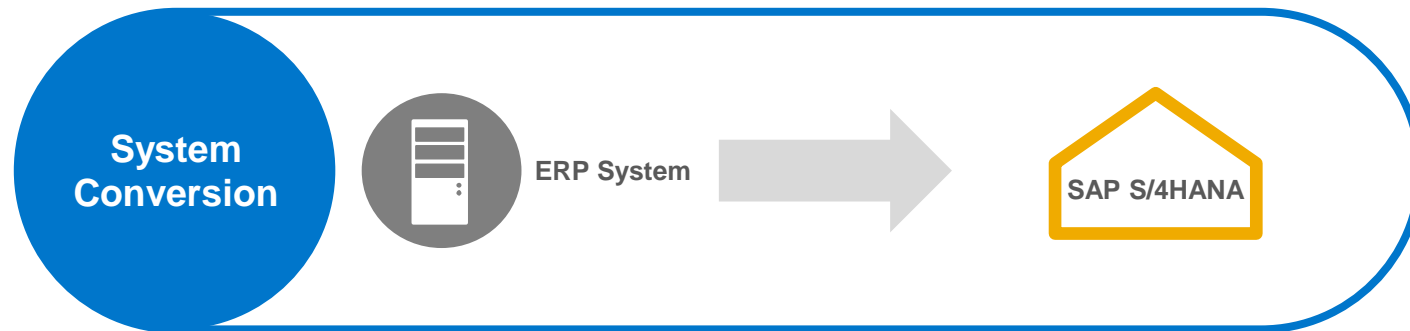
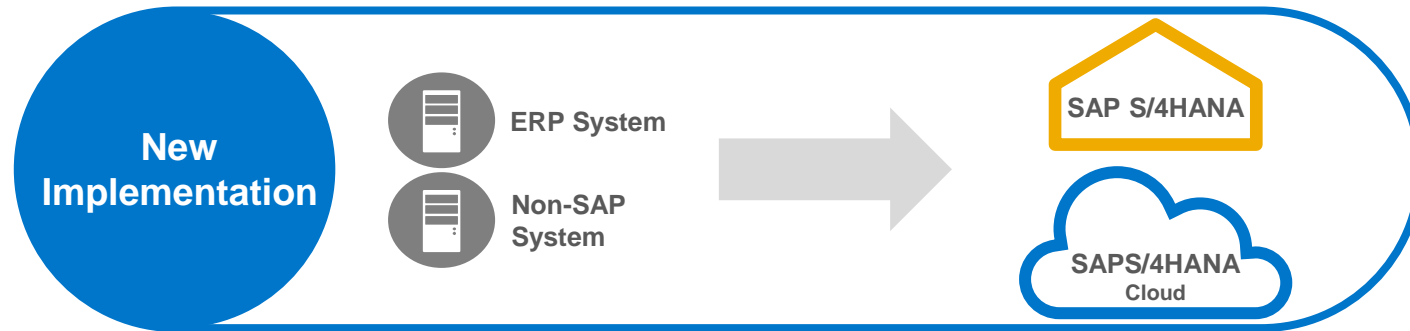
- Ready-to-run business, integration and migration processes delivered through SAP Activate
- Optimized for and delivered with SAP S/4HANA



# SAP Activate – Motivation

# SAP S/4HANA:

## The 3 transition scenarios



### New implementation / re-implementation

Standardize and simplify the existing landscape to reduce TCO and use latest innovations

e.g. Implement SAP S/4HANA processes on a new infrastructure; retire old landscape

### Business-led migration to SAP S/4HANA

Reduce TCO via simplification of landscape

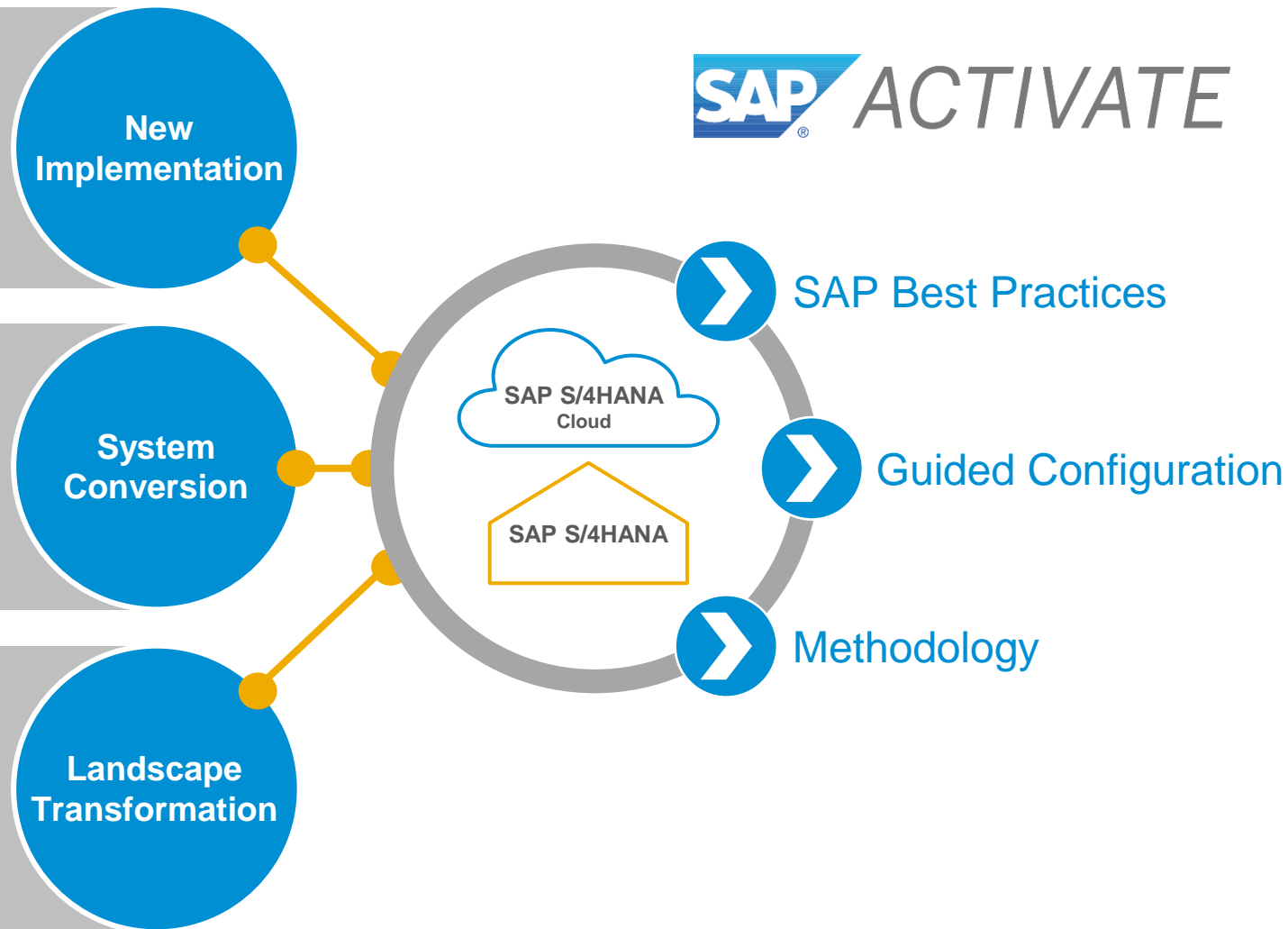
Complete conversion of an existing SAP Business Suite system to SAP S/4HANA

### Transition systems to the new platform

- Use innovations to reimagine processes
- Take advantage of the new data model to eliminate aggregates and batch processing

e.g. consolidation of current regional SAP Business Suite landscape into one global SAP S/4HANA system or selective data migration

# SAP Activate – the innovation adoption framework for SAP S/4HANA



## Business Value


- Faster, less service intensive initial implementation in the cloud or on-premise
- Rapid adoption of innovations throughout the entire product lifecycle
- Extensible framework for partners

Accelerated **Time-to-Value**  
(initial and ongoing)

Reduced **Total-Cost-of-Ownership**  
(over total lifecycle cloud and on-premise)

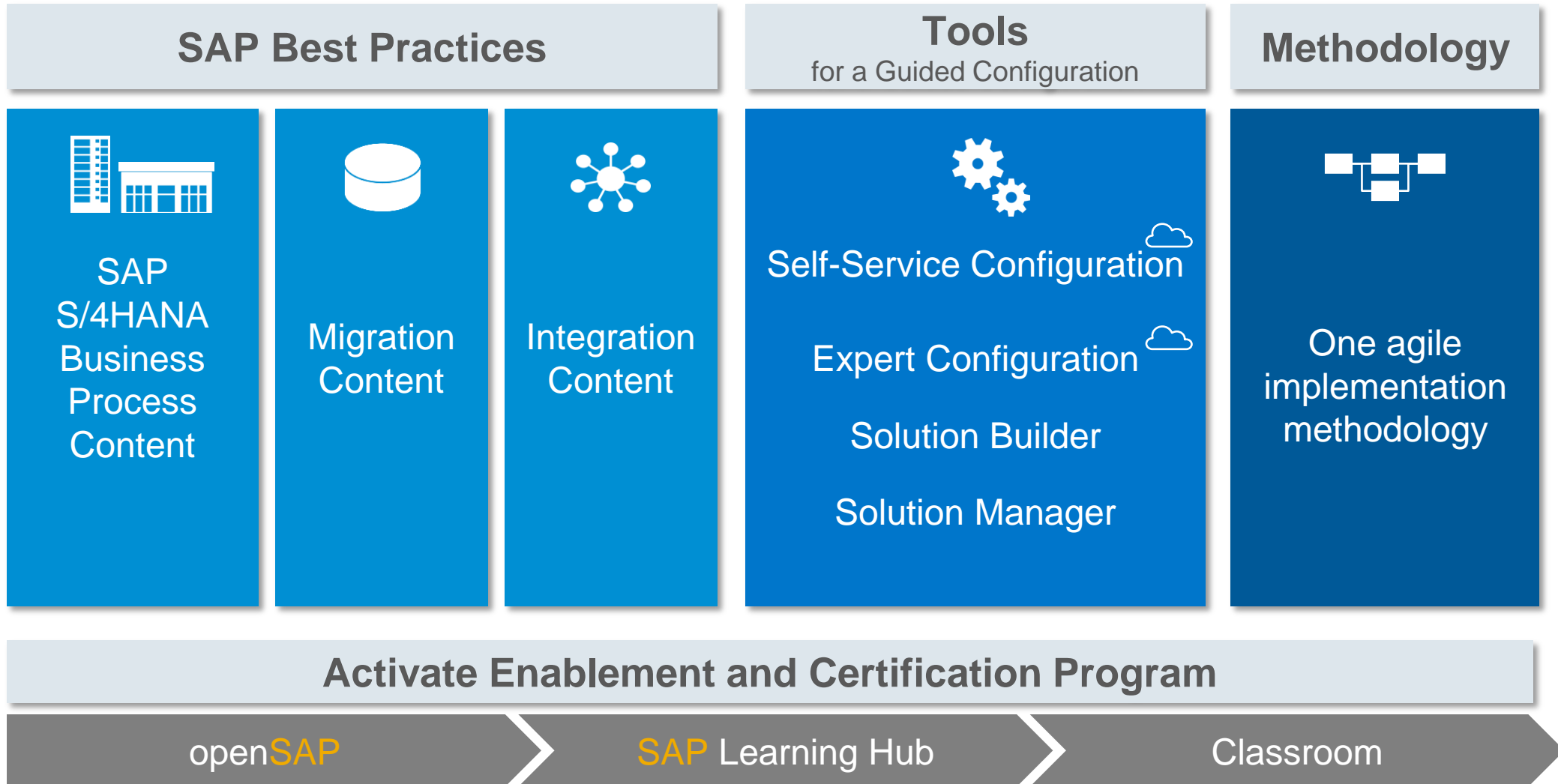


# SAP Activate building blocks

 : cloud only



Delivered  
with SAP  
S/4HANA



# Accelerate your On-Premise deployment with SAP Activate

I wish I could quickly do a proof of concept without big upfront investments!

What guidance do I can get from SAP to implement SAP S/4HANA?

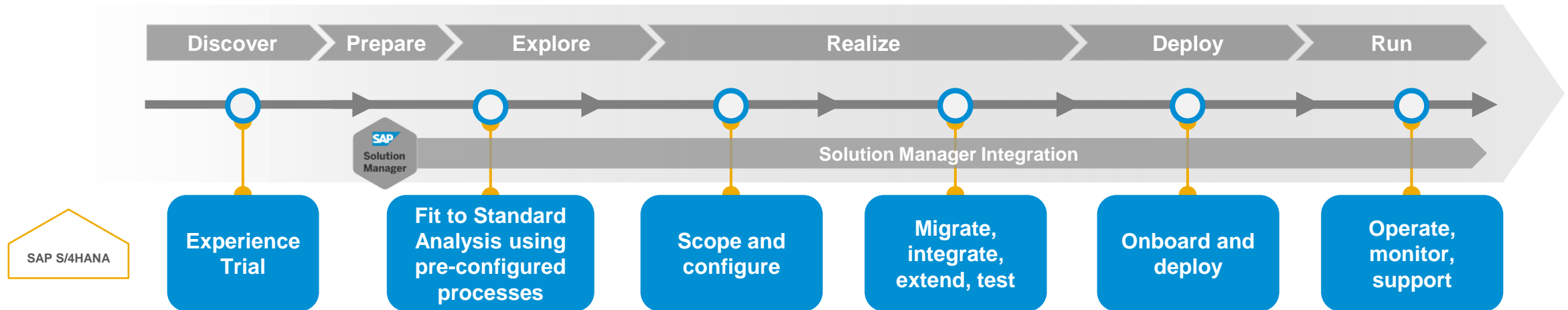
How do I manage my SAP S/4HANA implementation project?

How can I accelerate time-to-value using SAP S/4HANA?



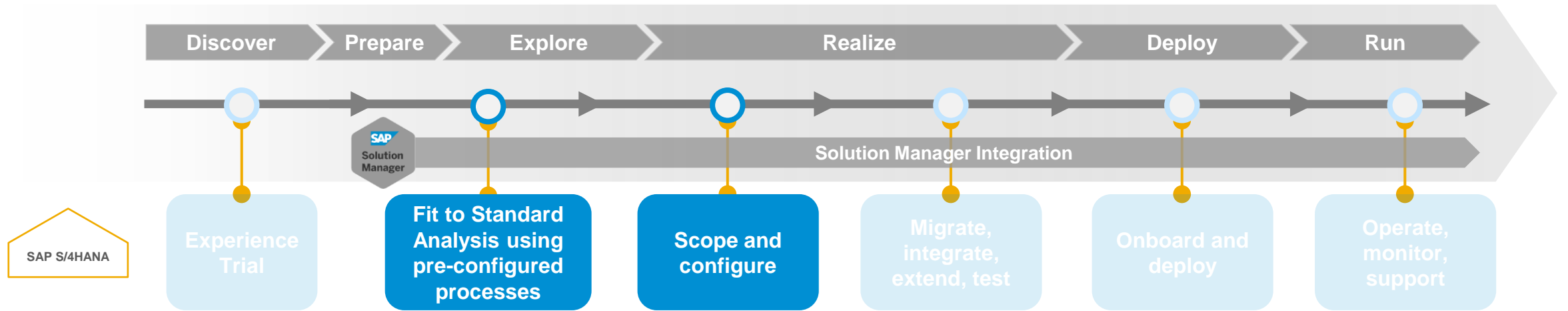
# SAP S/4HANA On-Premise deployments with SAP Best Practices

## Project implementation steps



# SAP S/4HANA On-Premise deployments with SAP Best Practices

## Main steps



## Implementation Steps with SAP Activate

- System landscape considerations / recommendations
- Fit to standard analysis based on SAP Best Practices using SAP Solution Manager 7.2
- Scoping and content activation in development system
- Configuration of additional customer requirements and transport management

# System Landscape recommendations

## Overview

### Prepare SAP Best Practices Sandbox System

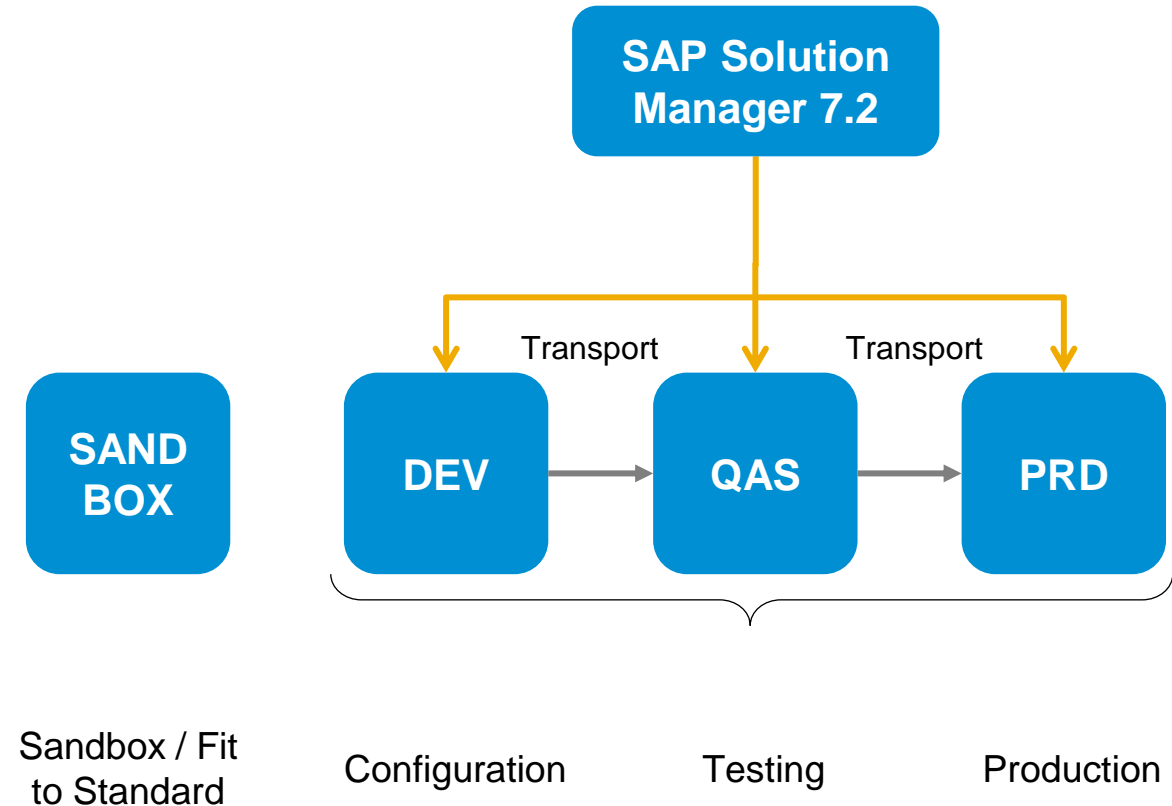
- Use software appliance for jump-start implementation

### Prepare 3-tier system landscape

- Prepare SAP Best Practices client in Dev, QAS, PRD systems

### Connect SAP Solution Manager 7.2

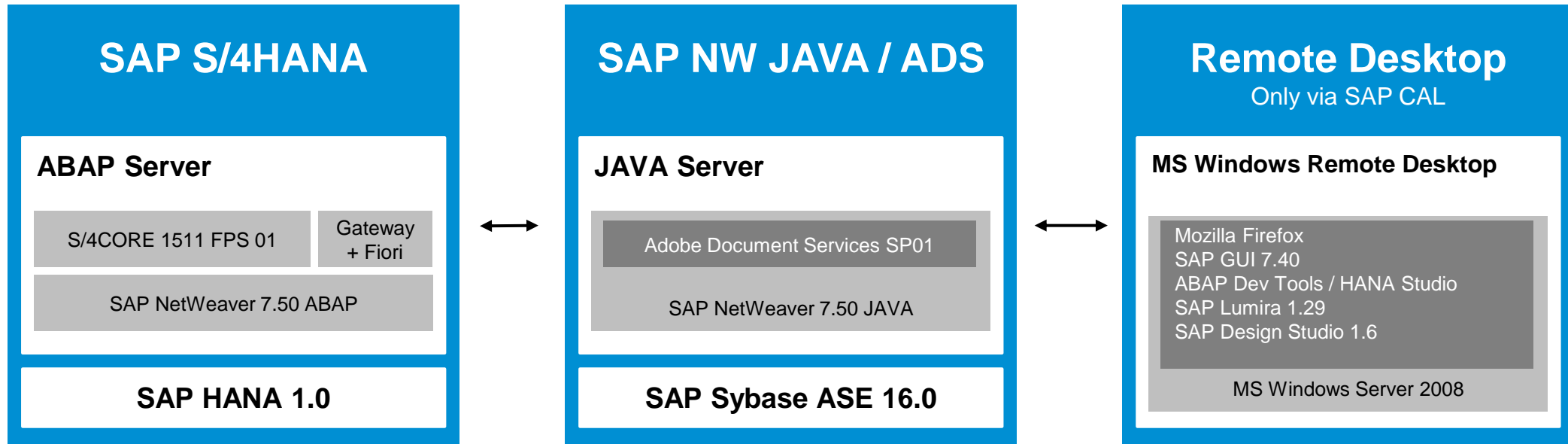
- Set up Solution Manager 7.2 with SAP Best Practices



# Prepare sandbox system based on SAP Best Practices

## Using the software appliance

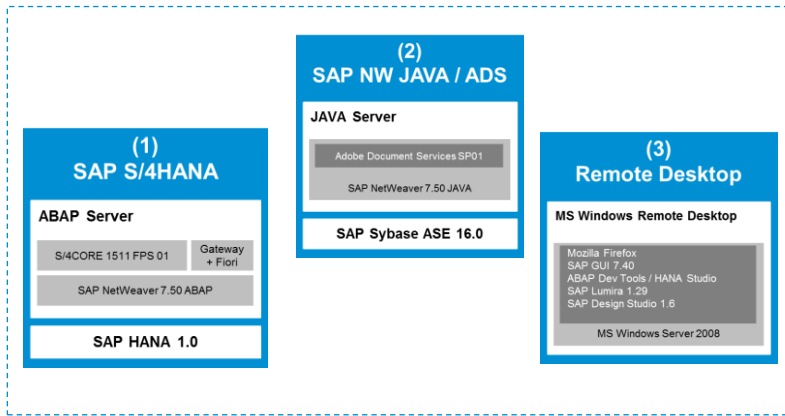
### Technical Components of the Appliance



\* Note: Windows remote desktop is only available when using the SAP Cloud Appliance Library (SAP CAL). Blu-Ray shipment only contains (1) & (2). For detailed software releases, please check the detailed documentation of the appliance in SAP note 2032086 (<http://service.sap.com/sap/support/notes/2032086>)

# Prepare sandbox system based on SAP Best Practices

## Ways to consume the software appliance



### SAP Cloud Appliance Library



### SAP CAL uses Amazon Web Services (AWS) for hosting

#### Access to hosted solution

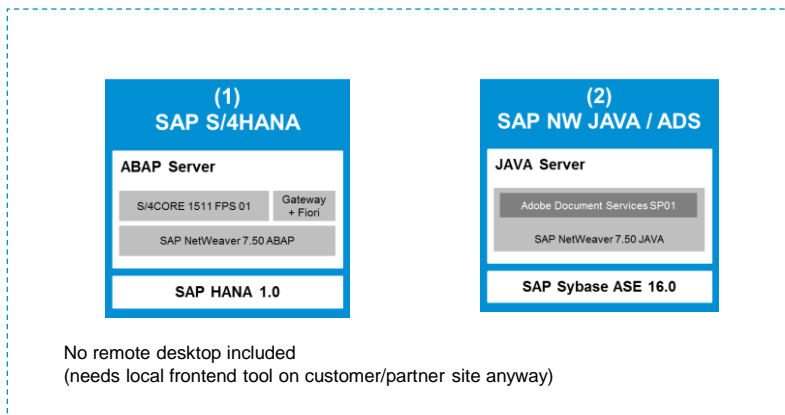
- [30-day trial](#)
- <http://cal.sap.com> for longer-lasting subscriptions

#### Pre-requisites

- Own AWS Account/Credentials
- Valid SAP S/4HANA licenses (waived for 30-day trial period)
- SAP CAL subscription (waived for 30-day trial period)

#### Hosting costs

- ~ 4.00 USD per uptime hour for AWS hosting fees



### Blu-ray discs



### Physical shipment to install on own hardware

#### Ordering process (for SW appliance Blu-Rays in general)

- SAP Partner: see SAP Note [2041140](#)
- SAP Customer: see SAP Note [2202234](#)

#### Prerequisites

- Valid SAP S/4HANA & HANA licenses (incl. SAP Cash Mgmt. & SAP IBP for Finance)
- Fitting hardware with Linux installed, see note [2032086](#)
- **For SAP customers:** Engagement with SAP Services for Blu-Ray installation required. Not needed for SAP partners, however, partners can not order on behalf of customers. Note: This is the status as of May 3<sup>rd</sup> but ordering process for customers is under discussion, updates will be published in note 2202234.

# Prepare sandbox system based on SAP Best Practices

## Content of the software appliance

### What is available in which client?

ABAP Client	Description	Mainly suited for...
<b>100</b> Exploration client	<ul style="list-style-type: none"><li>Pre-activated Best Practices configuration &amp; sample master data (Germany, USA)*, SAP Fiori applications</li><li>Additional configuration for end-to-end sample business process**</li><li>Transactional data in company code for Germany</li></ul>	<ul style="list-style-type: none"><li>Exploration</li></ul>
<b>200</b> SAP BW client	<ul style="list-style-type: none"><li>Pre-activated content for SAP Integrated Business Planning (IBP) for Finance</li></ul>	<ul style="list-style-type: none"><li>All scenarios that use IBP for Finance</li></ul>
<b>300</b> Best Practices reference client	<ul style="list-style-type: none"><li>Pre-activated Best Practices configuration &amp; sample master data (Germany, USA)*</li></ul>	<ul style="list-style-type: none"><li>Sandbox &amp; proof-of-concept</li></ul>
<b>400</b> Ready-to-Activate client	<ul style="list-style-type: none"><li>Technical preparation activities prior to Best Practices content activation</li></ul>	<ul style="list-style-type: none"><li>Development landscape (see boundary conditions mentioned earlier)</li></ul>

(\*) Integration with SAP Ariba, SAP Financial Services Network & SAP BI platform not included but can be configured by customer / partner.

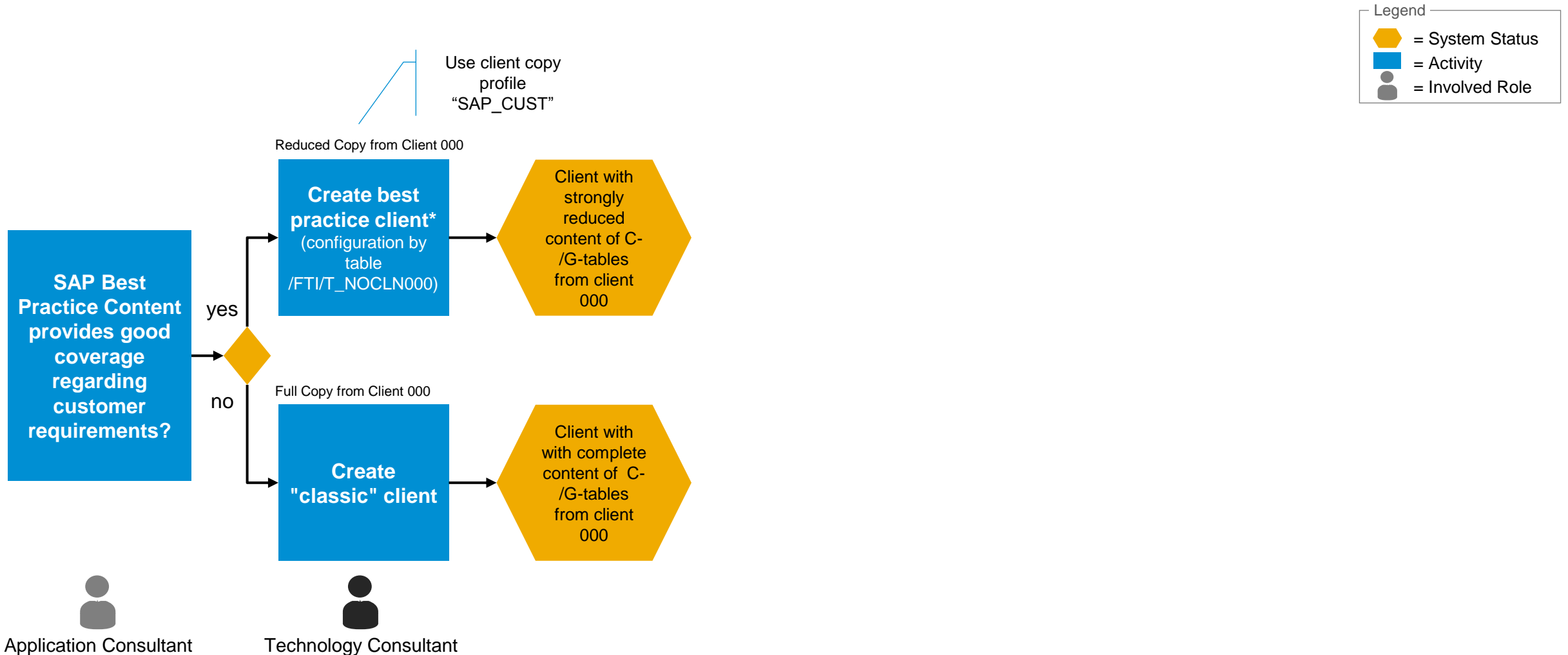
Processes localized with sample master & transactional data for Germany. US localization requires customer-specific Vertex integration and comes without transactional data.

(\*\*) Order-to-Cash; Procure-to-Pay; Plan-to-Production; Self-service Procurement w. Catalog



# Prepare 3-tier system landscape

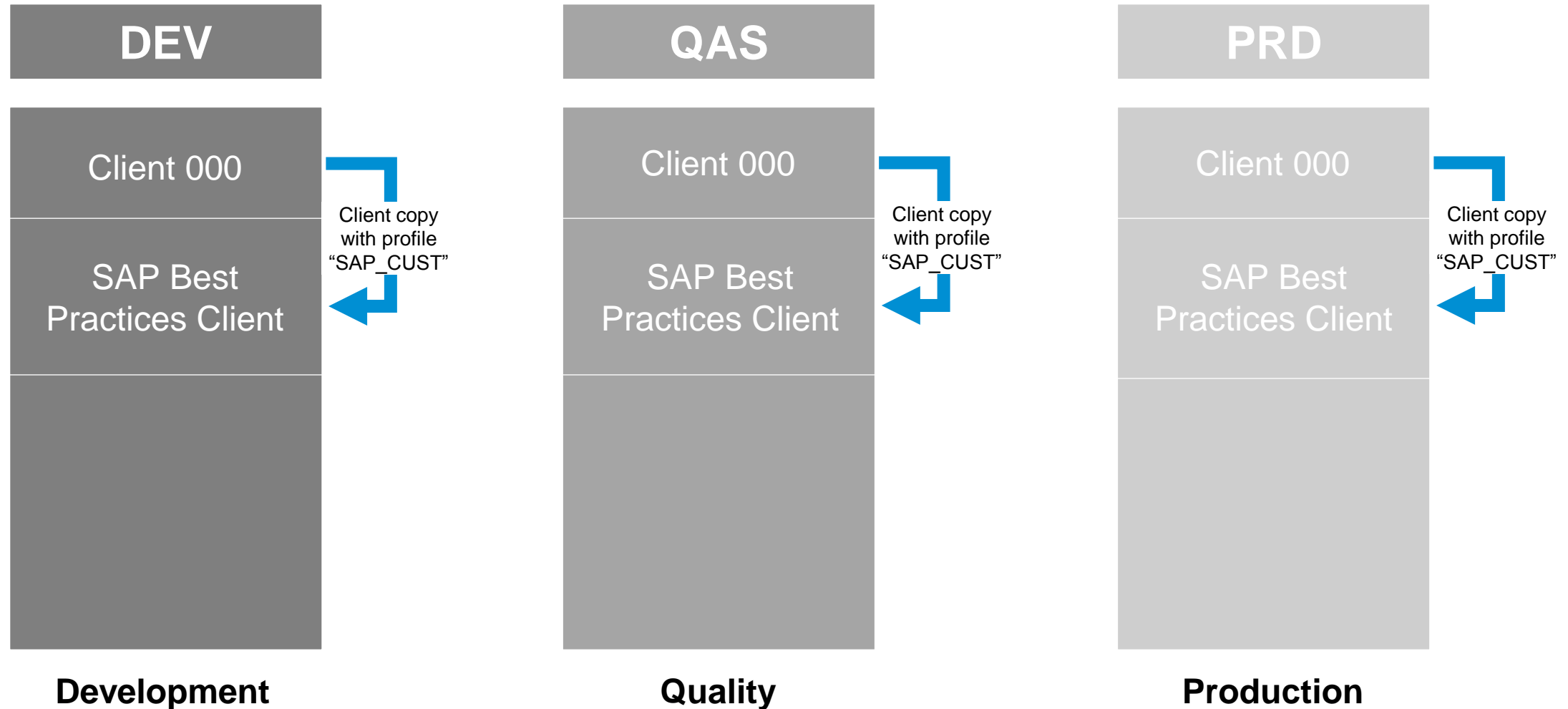
## Detailed technical view



(\*) Further Details: <http://help.sap.com/s4hana> → S/4HANA Edition ... → Link "About administrating SAP S/4HANA solution implementation" → PREREQUISITE settings → Setting up a new best practice client

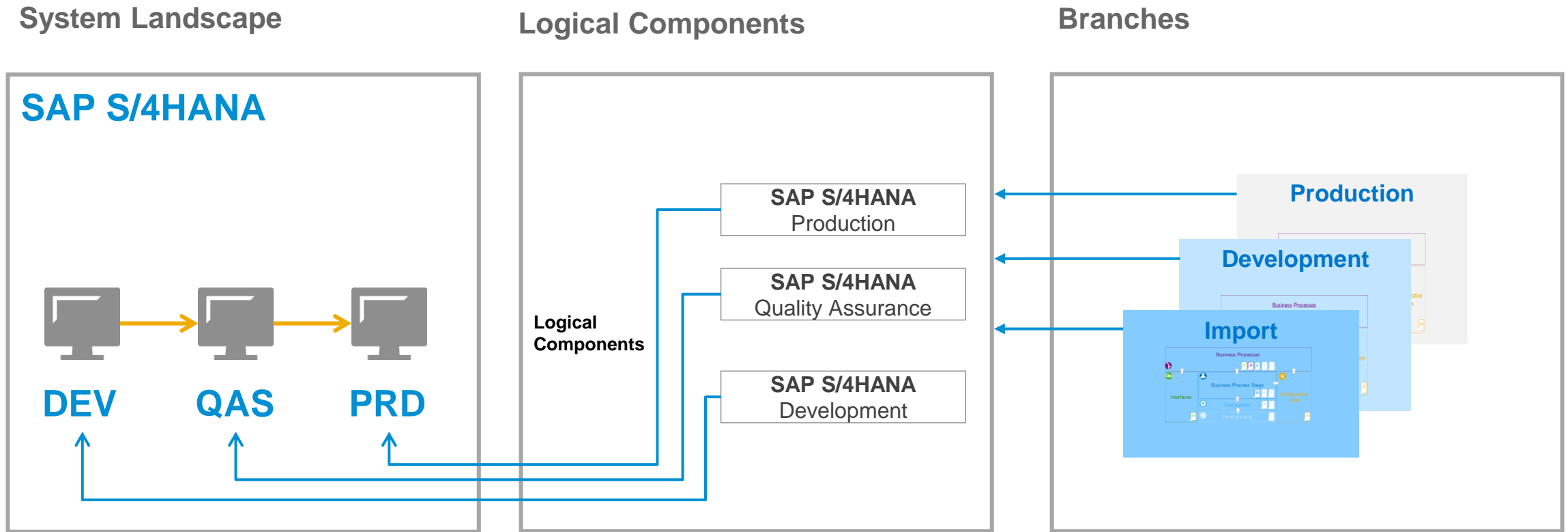
# Prepare 3-tier system landscape

## Schematic view – Preparing the SAP Best Practices client



# Prepare SAP Solution Manager 7.2

## Assign logical components to systems and branches



Customer system tracks: the development, QA and production instances

Logical components in SAP Solution Manager 7.2 represent the landscape

Branches that represent documentation versions are associated with Logical Components

# Prepare SAP Solution Manager 7.2

## Download SAP Best Practices in Solution Documentation

**1** Select import to open popup with SAP Best Practice packages not loaded yet

**2** Select appropriate package

**3** Import SAP Best Practice package into import branch

SAP Best Practices Package	Import Status
SAP Best Practices for SAP Solution Manager 7.2, edition 01	Available
SAP Best Practices for SAP S/4HANA, On premise enterprise edition 1511 US	Available

**Opens process content**

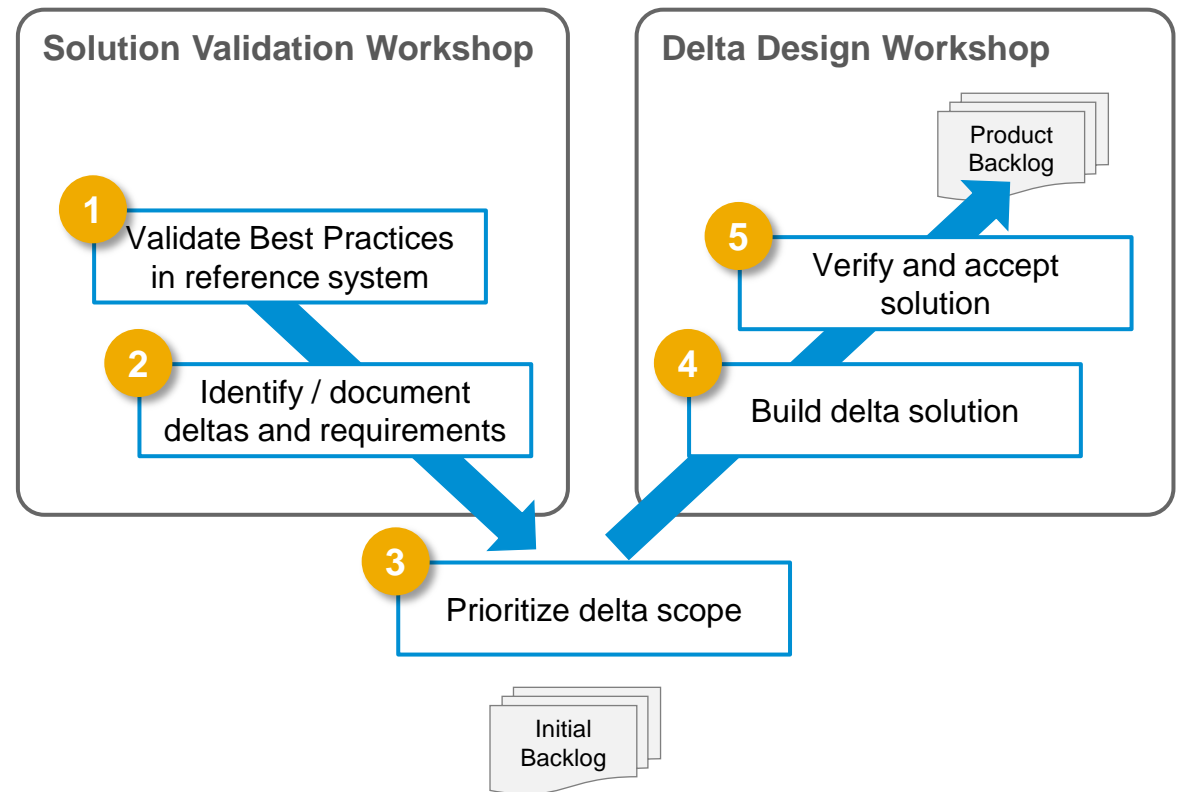
Name	Navigate
Production	Open
Maintenance	Open

Open Solution Administration in SAP Solution Manager 7.2 from the SAP Fiori Launchpad.

# Fit to standard analysis based on SAP Best Practices

## Approach

- The primary objective is to have an approved scope to move into the realization phase
- Explore pre-configured SAP Best Practices processes that are already activated in Sandbox system
- Drive towards adopting SAP standard processes
- Identify and capture delta business requirements and gaps (on top of the initial Sandbox system)
- Prioritize deltas and requirements



# Fit to standard analysis based on SAP Best Practices Approach

## Standardized Documentation of Best Practices Processes

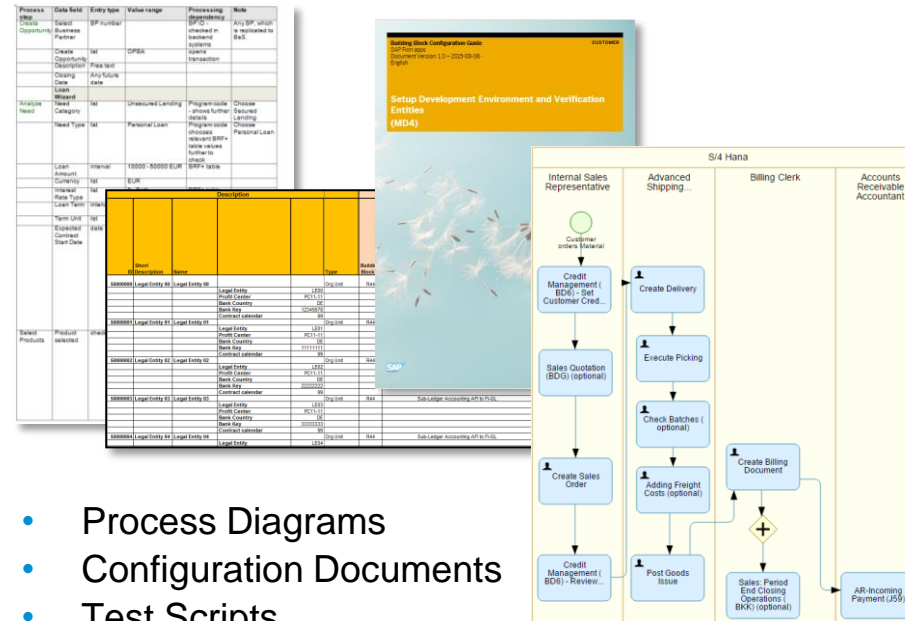
## Output / Results

SAP Solution Manager  
Delivered SAP Best Practices Documentation



SAP Best Practices in SAP Service Marketplace

SAP S/4HANA Sandbox



- Process Diagrams
- Configuration Documents
- Test Scripts
- Delivery supplement
- Software and delivery requirements
- Customer Presentations
- Organizational- and Master Data Overview
- ...

- Changes to processes documented
- Business impacts and assumptions
- Backlog (delta requirements and gaps) to drive Realize phase
  - Additional configuration
  - Authorizations
  - Workflows, Reports, Interfaces, Conversions, Enhancements, Forms (WRICEF)

All outputs / results can be stored in Solution Documentation within SAP Solution Manager 7.2.

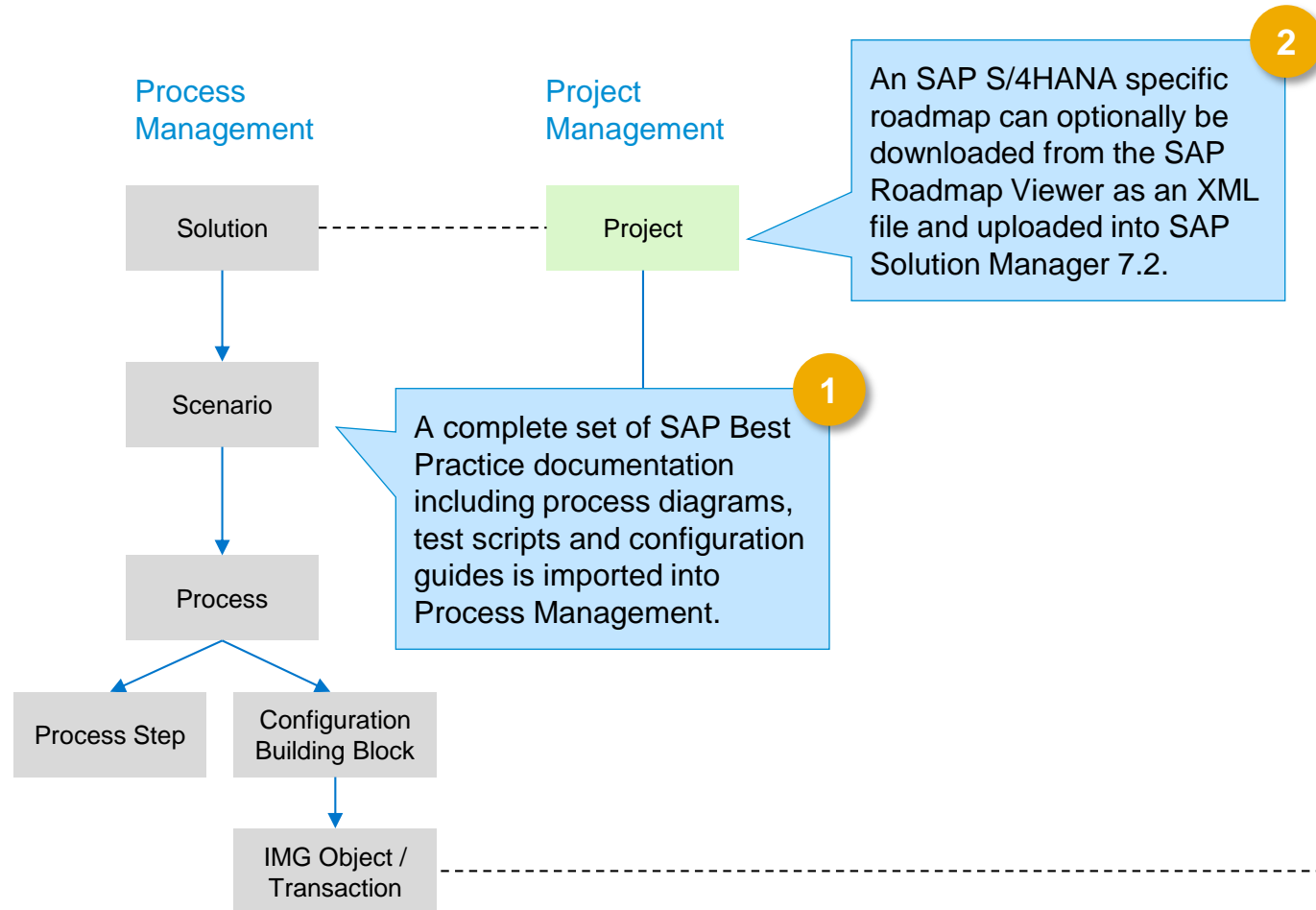
Process diagrams are updated and requirements are documented.



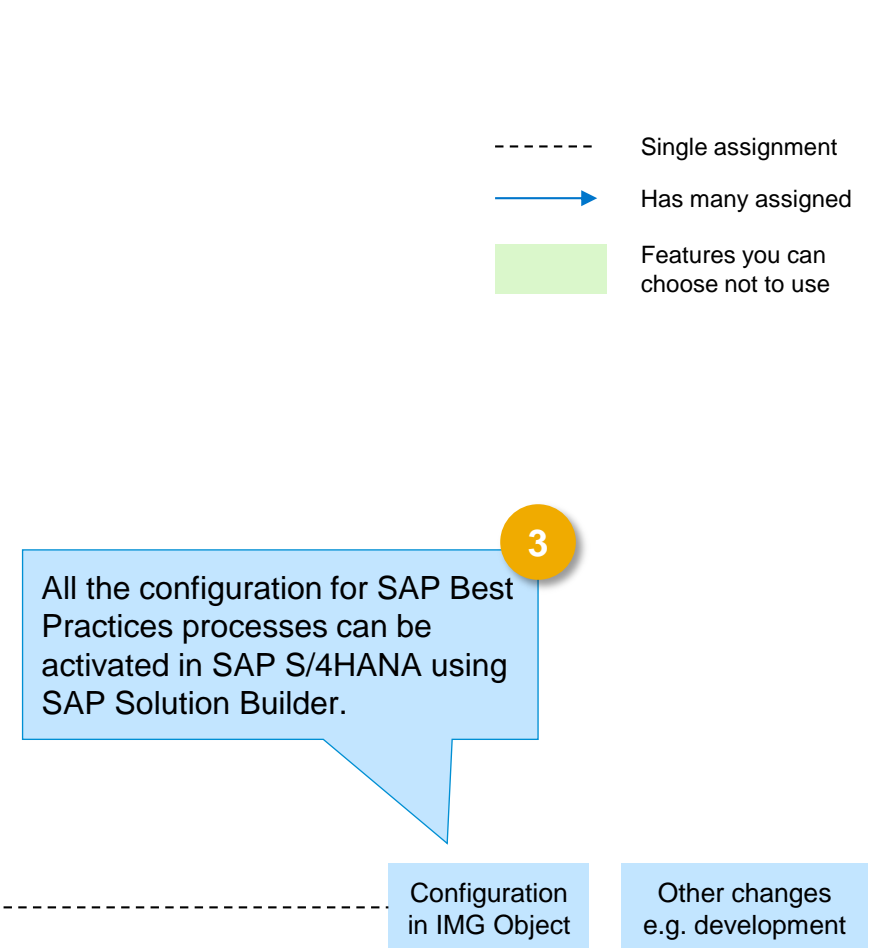
# Fit to standard analysis

## Using SAP Solution Manager to document delta requirements

### SAP Solution Manager 7.2



### SAP S/4HANA

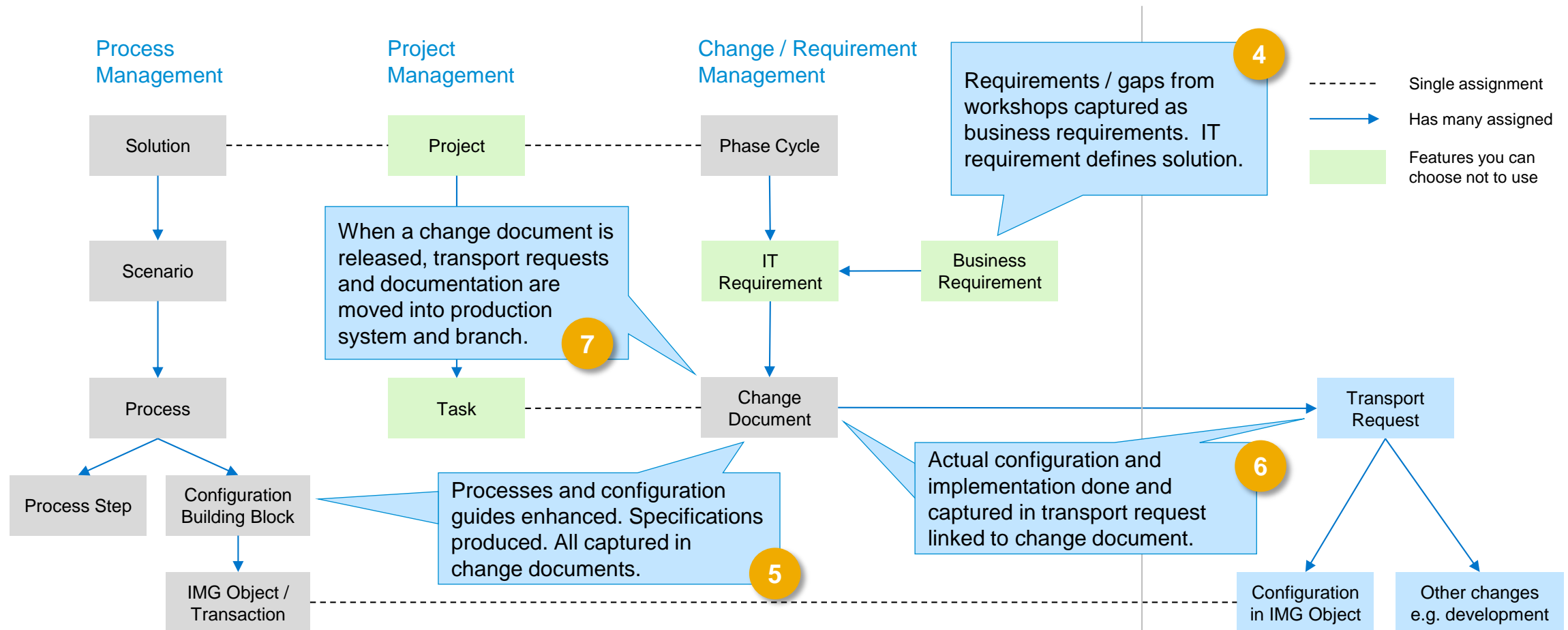


# Fit to standard analysis

## Using SAP Solution Manager to document delta requirements

### SAP Solution Manager 7.2

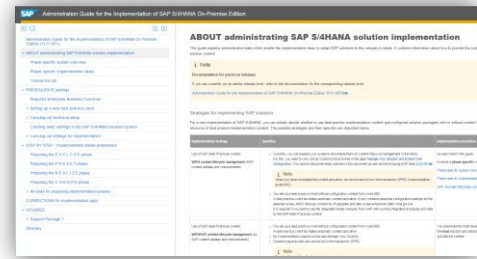
### SAP S/4HANA





# Scoping and content activation in development system

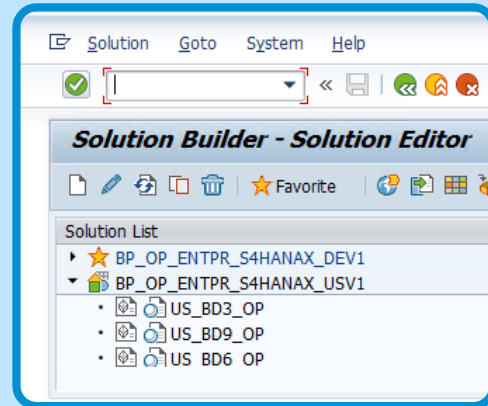
## Overview



Prepare SAP Best Practices client in Development System according to Administration Guide for the implementation of SAP S/4HANA on-premise edition

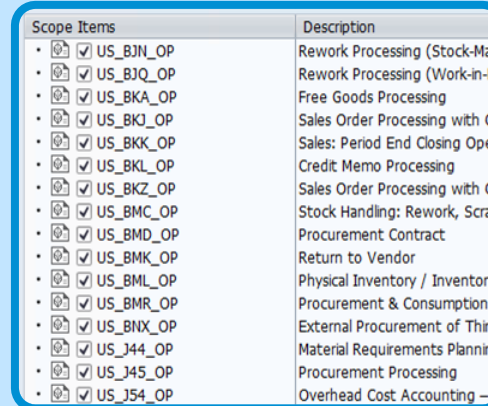
### Import Reference Content

- Solution scope file(s)
- Installation data file(s)



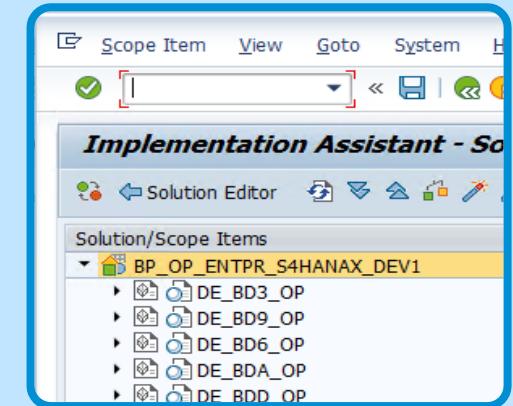
### Select Scope

- Choose solution scope items to be activated



### Activate

- Start activation
- Manual steps
- Exception handling

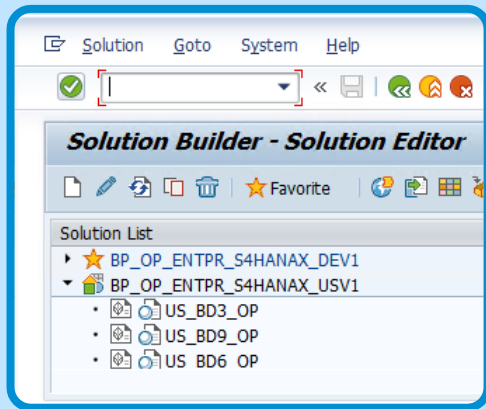


# Scoping and content activation in development system

## Import reference content

### Import Reference Content\*

- Solution scope file(s)
- Installation data file(s)



### Reference content embraces

- Installation data files
- Solution scope files

### Installation data file

- Contains installation settings (configuration settings and master data) of the solution

### Solution scope file

- Contains the technical structure for each solution (scope items, building blocks, and technical objects)

Download most recent content

Upload it to system

Import into Solution Builder

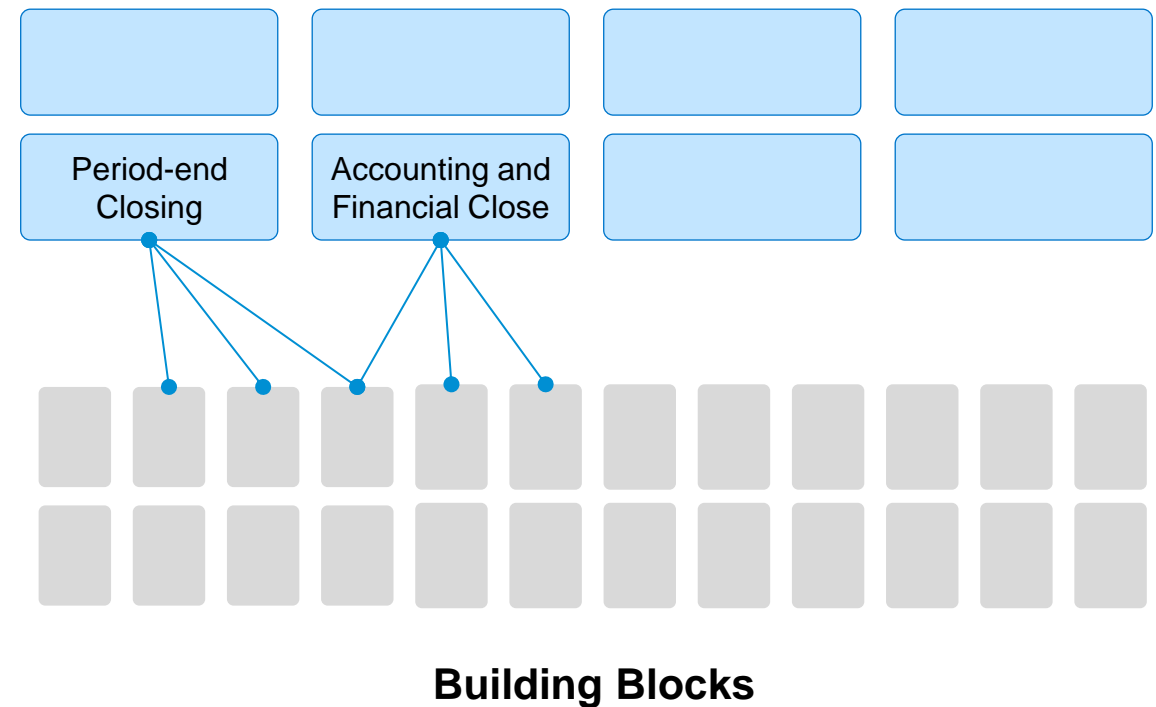
(\* Procedure described in SAP Note 2226371)

# Scoping and content activation in development system

## SAP Best Practices – Content artefacts

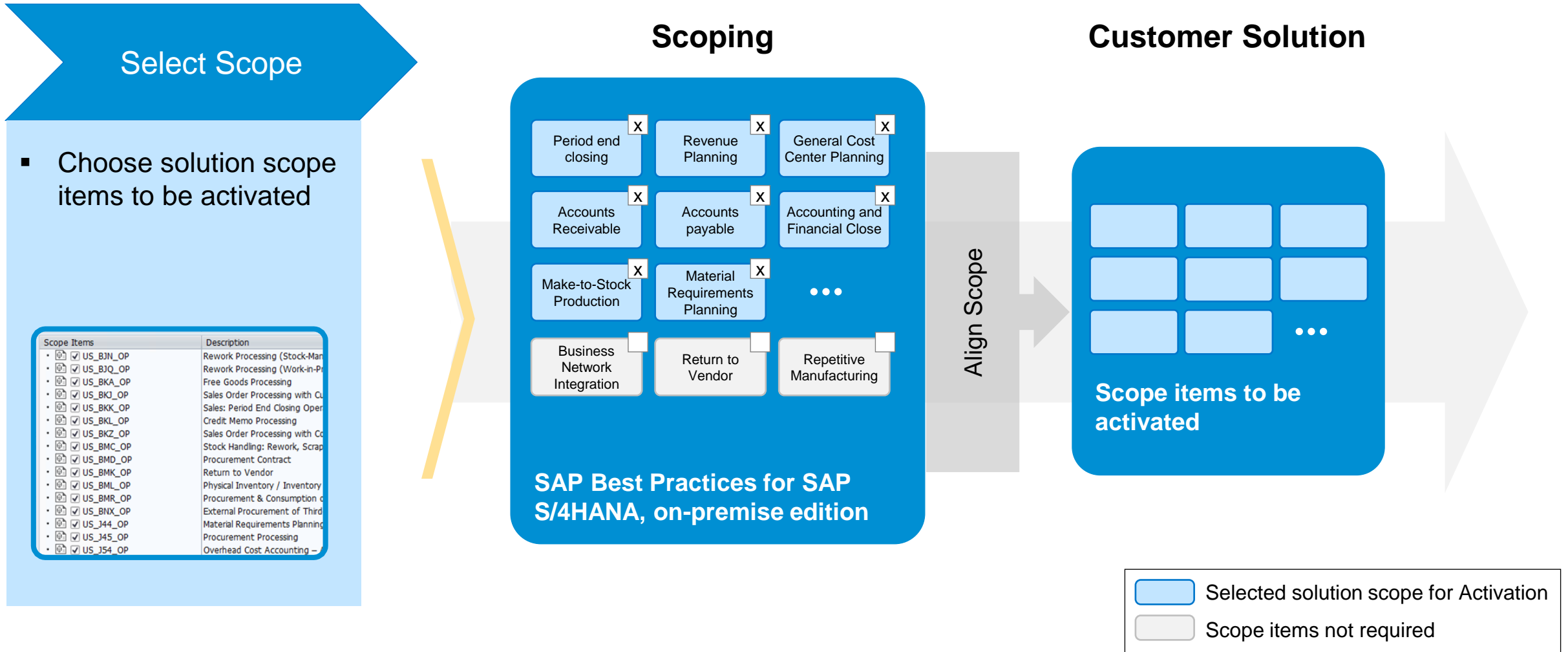
### Scope Items and Building Blocks

- SAP Best Practices for SAP S/4HANA include scope items
- Scope items may have dependencies
- Every scope item is assigned to building blocks
- Building blocks are the methodology for SAP Best Practices development and delivery



# Scoping and content activation in development system

## Select scope

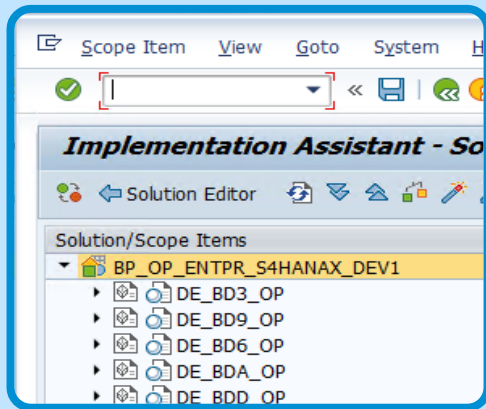


# Scoping and content activation in development system

## Activate selected scope

### Activate

- Start activation
- Manual steps
- Exception handling



## Building blocks implementing the Scope

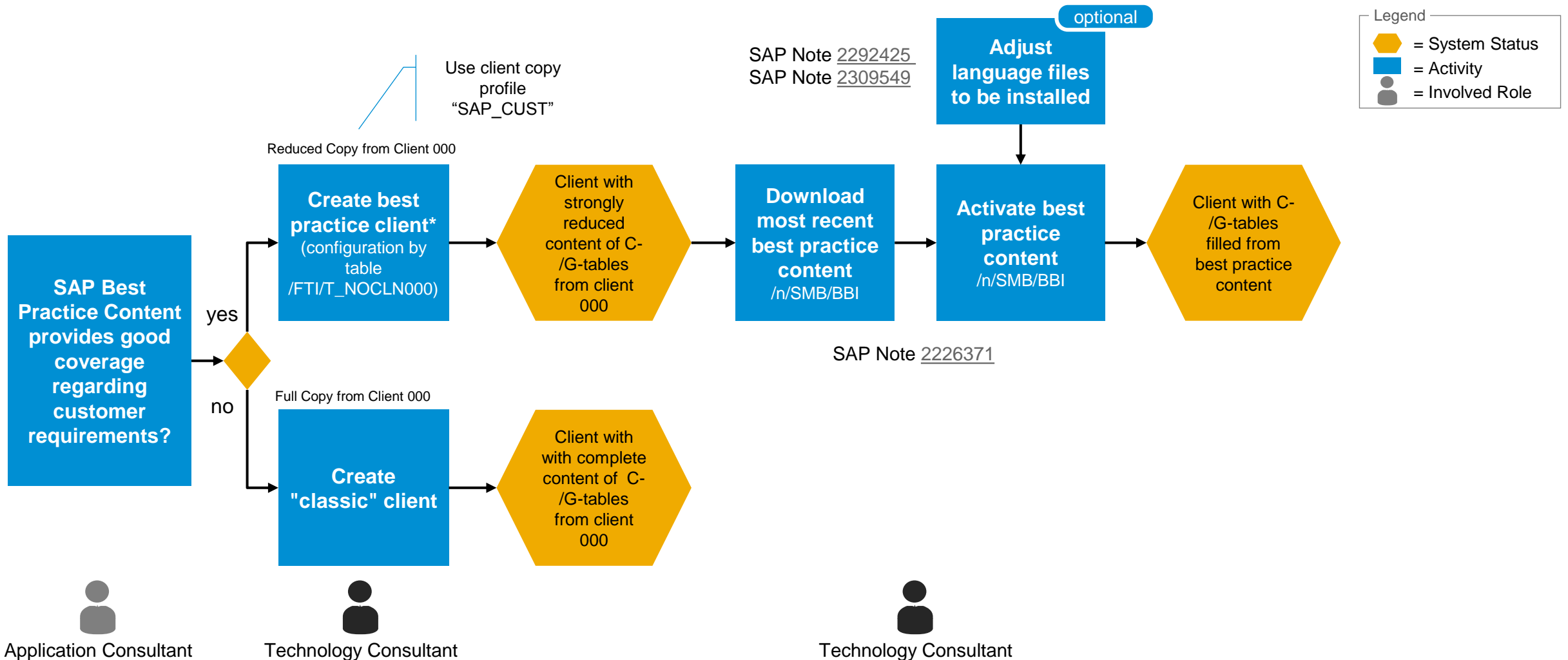
When activating a scope item, you implement a number of building blocks in a predefined sequence. This is achieved using the SAP solution builder tool in SAP S/4HANA (transaction /SMB/BBI).

## Examples of items that a building block can contain

- Business content (solutions, processes, or combinations)
- Technical procedures (connectivity, technical setup of a system)
- Common standards (organizational structures, basic logistics)
- Sample master data
- Print forms or reports
- Technically implemented through eCATTs, Business Configuration Sets (BC Sets), delivery units, ...

# Scoping and content activation in development system

## Activate selected scope



(\*) Further Details: <http://help.sap.com/s4hana> → S/4HANA Edition ... → Link "About administrating SAP S/4HANA solution implementation" → PREREQUISITE settings → Setting up a new best practice client

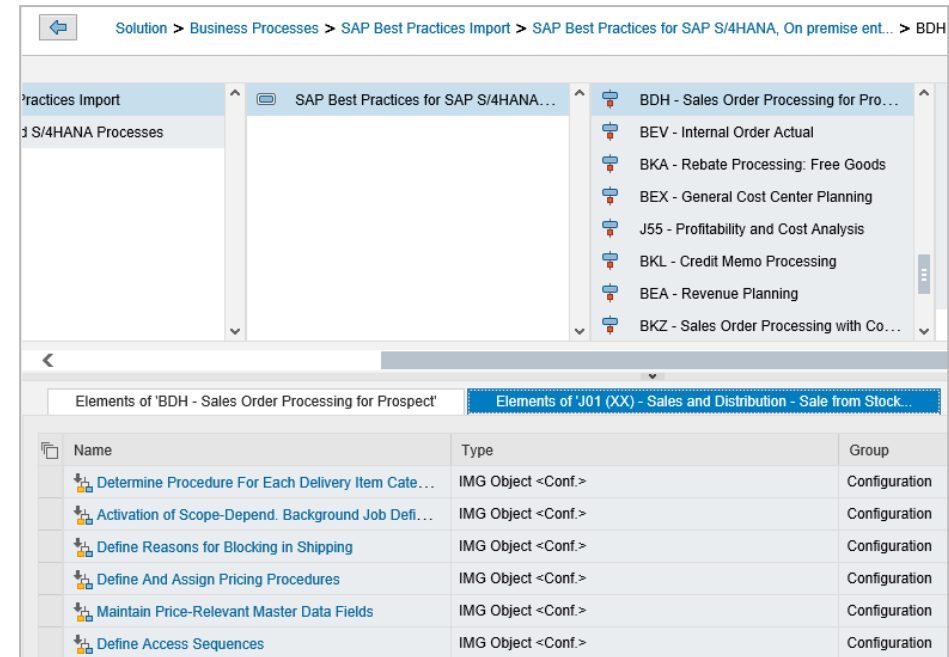
# Configuration and Transport Management

## Delta configuration after initial activation through IMG

- Delta configuration executed in development system creating transports
- Transports can be automatically connected to SAP Solution Manager 7.2 change documents



administered via



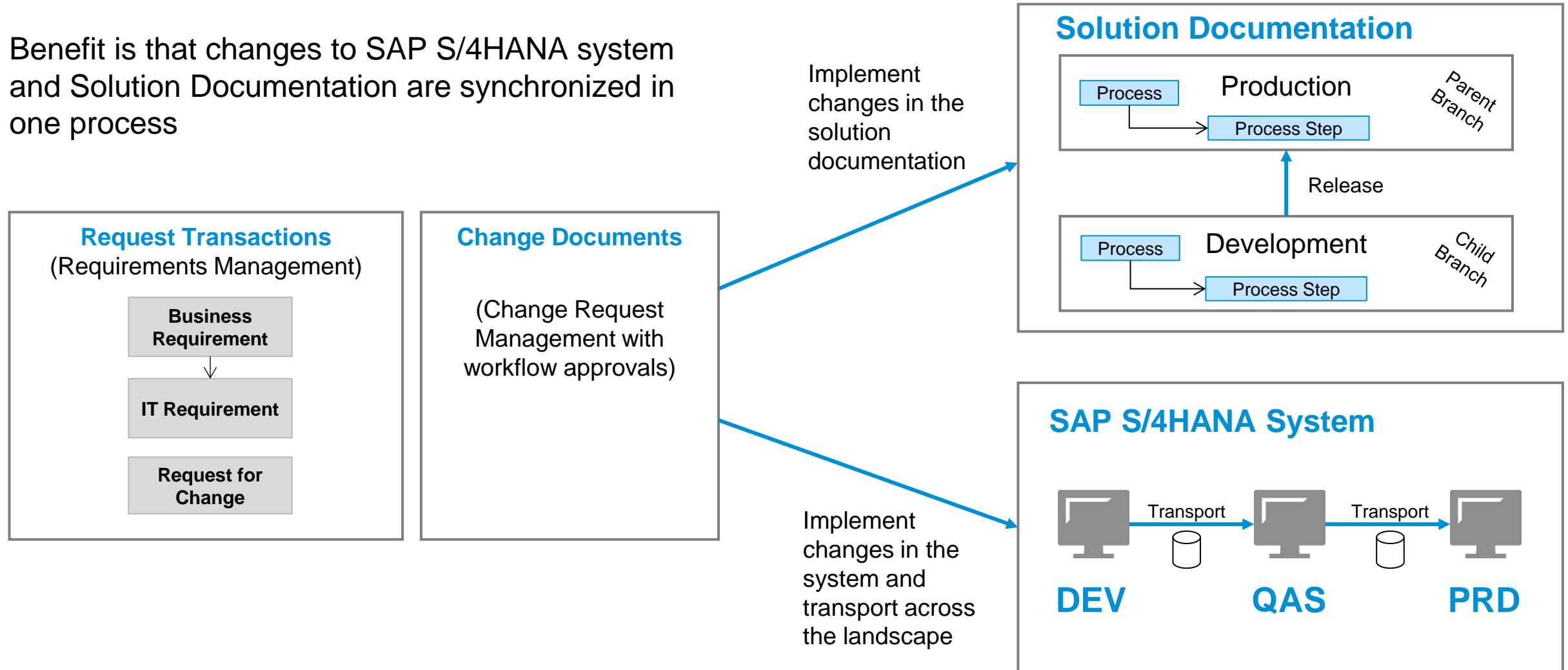
Name	Type	Group
Determine Procedure For Each Delivery Item Cate...	IMG Object <Conf.>	Configuration
Activation of Scope-Depend. Background Job Defi...	IMG Object <Conf.>	Configuration
Define Reasons for Blocking in Shipping	IMG Object <Conf.>	Configuration
Define And Assign Pricing Procedures	IMG Object <Conf.>	Configuration
Maintain Price-Relevant Master Data Fields	IMG Object <Conf.>	Configuration
Define Access Sequences	IMG Object <Conf.>	Configuration

Example: Configuration elements (IMG objects) used for delta configuration are available in Solution Manager

# Configuration and Transport Management

## Synchronizing with SAP Solution Manager content

Benefit is that changes to SAP S/4HANA system and Solution Documentation are synchronized in one process

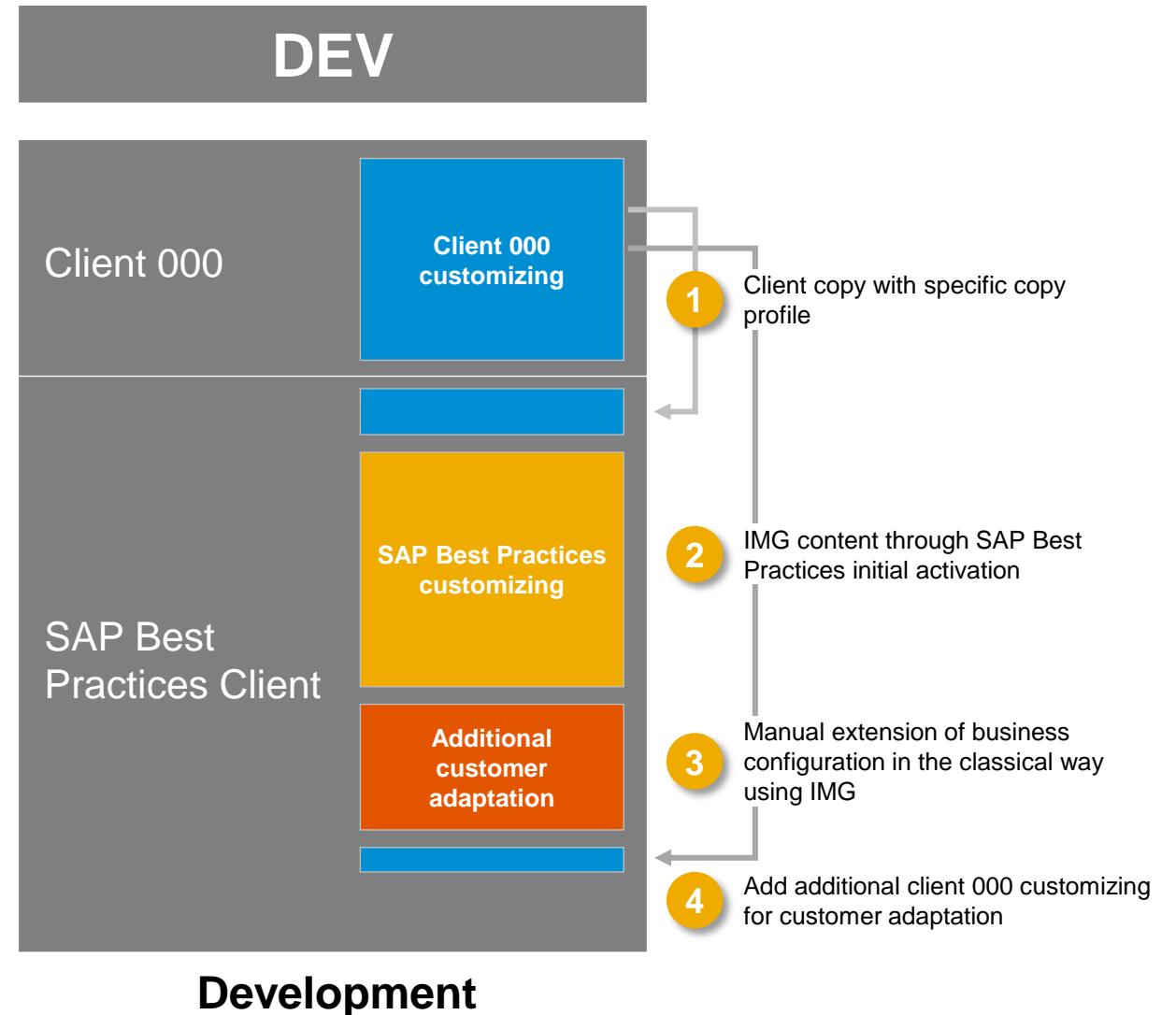




# Configuration and Transport Management

## Transport object types

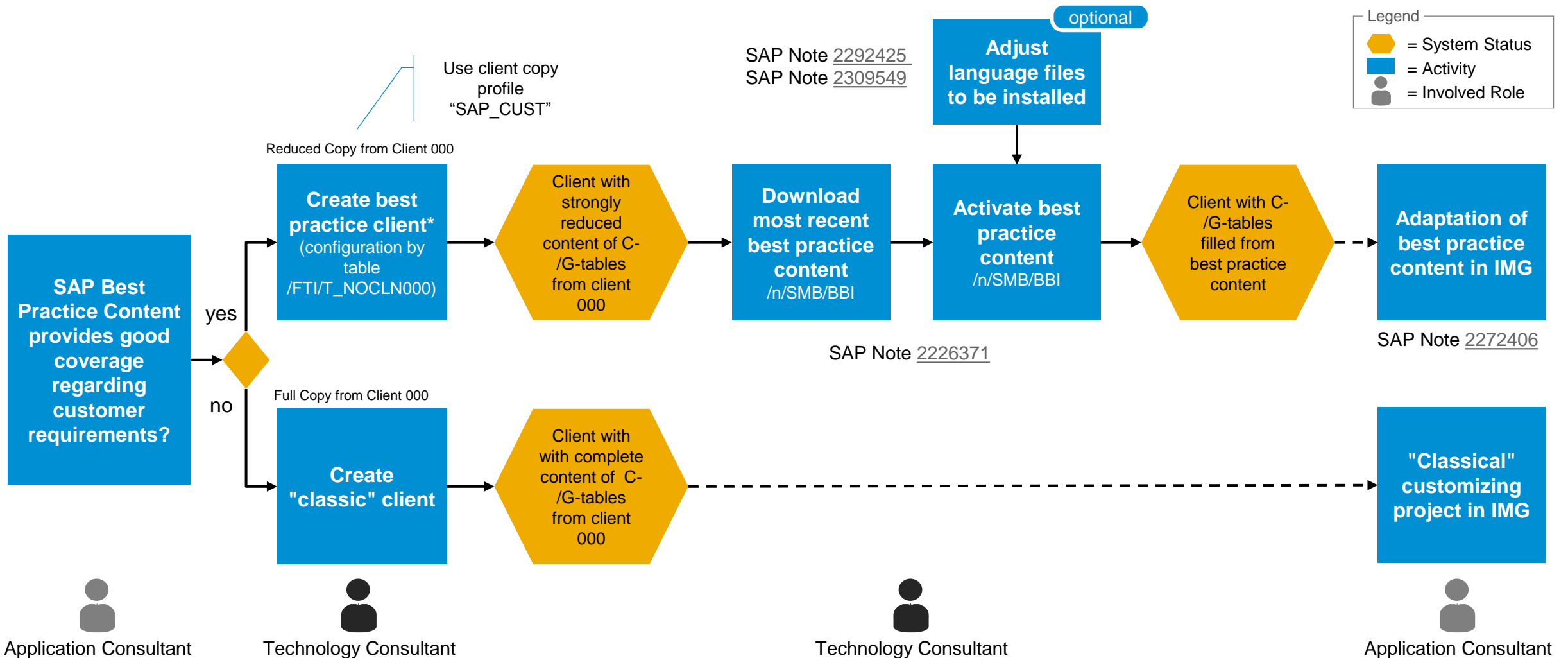
- SAP Best Practices client is set-up with specific client copy profile (1)
- After initial activation (2) you can adapt and extend your business configuration beyond best practices in the classical way using the IMG (3)
- Use the adjustment functionality (in the maintenance UI of the IMG activity go to Utilities → Adjustment) to select and copy configuration entries from Client 000 that are additionally required for the business configuration (4)
- In case the adjustment functionality does not work or there is a high volume of required configuration data a special report can support you to copy from a specific IMG activity from client '000' into your target client\*



(\* See SAP note [2272406](#))

# Configuration and Transport Management

## Detailed technical view



(\*) Further Details: <http://help.sap.com/s4hana> → S/4HANA Edition ... → Link "About administrating SAP S/4HANA solution implementation" → PREREQUISITE settings → Setting up a new best practice client

# Resources

# Find out more ...

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SAP Activate on sap.com

<http://sap.com/activate>



SAP Activate JAM community

<https://go.sap.corp/sapactivate>



SAP S/4HANA Trial Page

<http://www.sap.com/s4hana-trial>



SAP Service Marketplace

<http://service.sap.com/solutionpackages>



SAP Best Practices Explorer

<http://rapid.sap.com/bp>



SAP Roadmap Viewer

<https://roadmapviewer-supportportal.dispatcher.hana.ondemand.com>

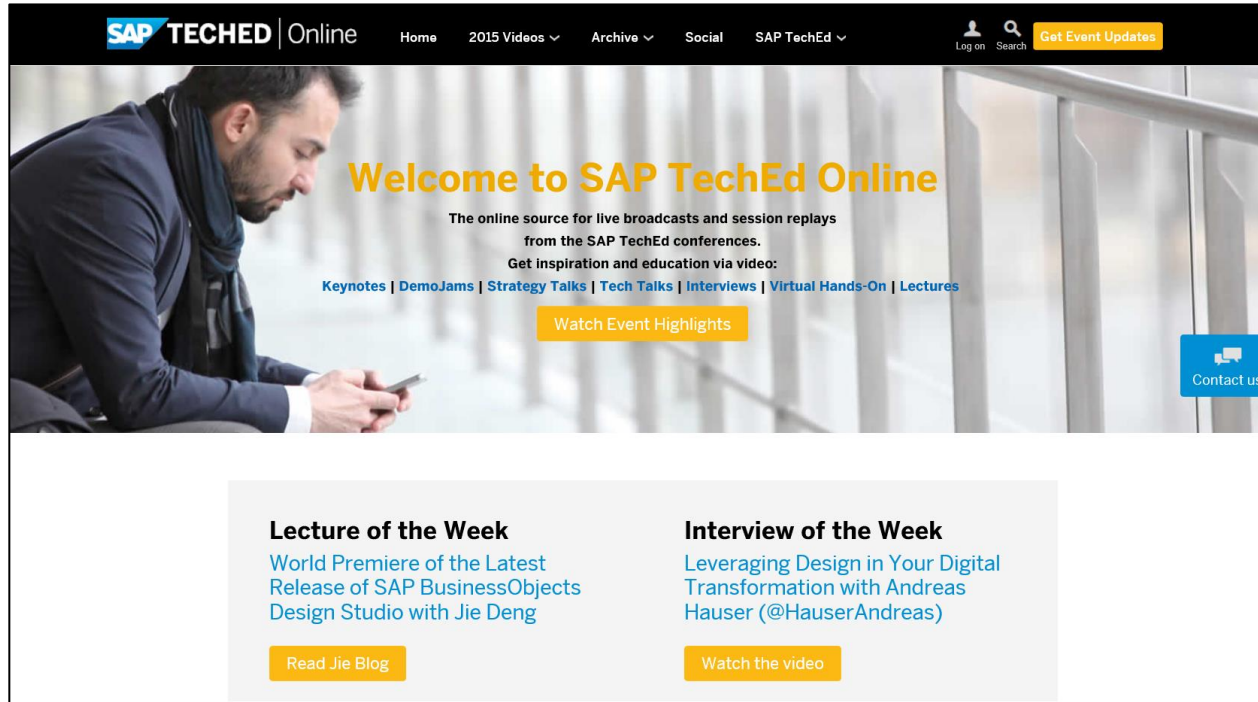


SAP Activate Cookbook

<http://scn.sap.com/docs/DOC-71595>

# SAP TechEd Online

<http://sapteched.com/online>



The screenshot shows the SAP TechEd Online website homepage. The header includes the SAP TechEd Online logo, navigation links for Home, 2015 Videos, Archive, Social, and SAP TechEd, and utility links for Log on, Search, and Get Event Updates. The main content area features a large image of a man looking at his phone, with the text "Welcome to SAP TechEd Online" and a sub-headline "The online source for live broadcasts and session replays from the SAP TechEd conferences." Below this, there are links for "Get inspiration and education via video:" including Keynotes, DemoJams, Strategy Talks, Tech Talks, Interviews, Virtual Hands-On, and Lectures. A "Watch Event Highlights" button is also present. A "Contact us" button is located in the bottom right corner of the main image area. Below the main image, there are two featured sections: "Lecture of the Week" with the title "World Premiere of the Latest Release of SAP BusinessObjects Design Studio with Jie Deng" and a "Read Jie Blog" button, and "Interview of the Week" with the title "Leveraging Design in Your Digital Transformation with Andreas Hauser (@HauserAndreas)" and a "Watch the video" button.

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Thanks for attending this session.

Contact information:

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SAP SE

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