SAP S/4HANA Roadmap

Da ECC a S/4HANA – sola andata

Pietro Rusconi,
July 18th, 2017

INTERNAL

SAP Run Simple

SAP S/4HANA
Our next-generation business suite

SAP S/4HANA Enterprise Management is SAP's next-generation Digital Core
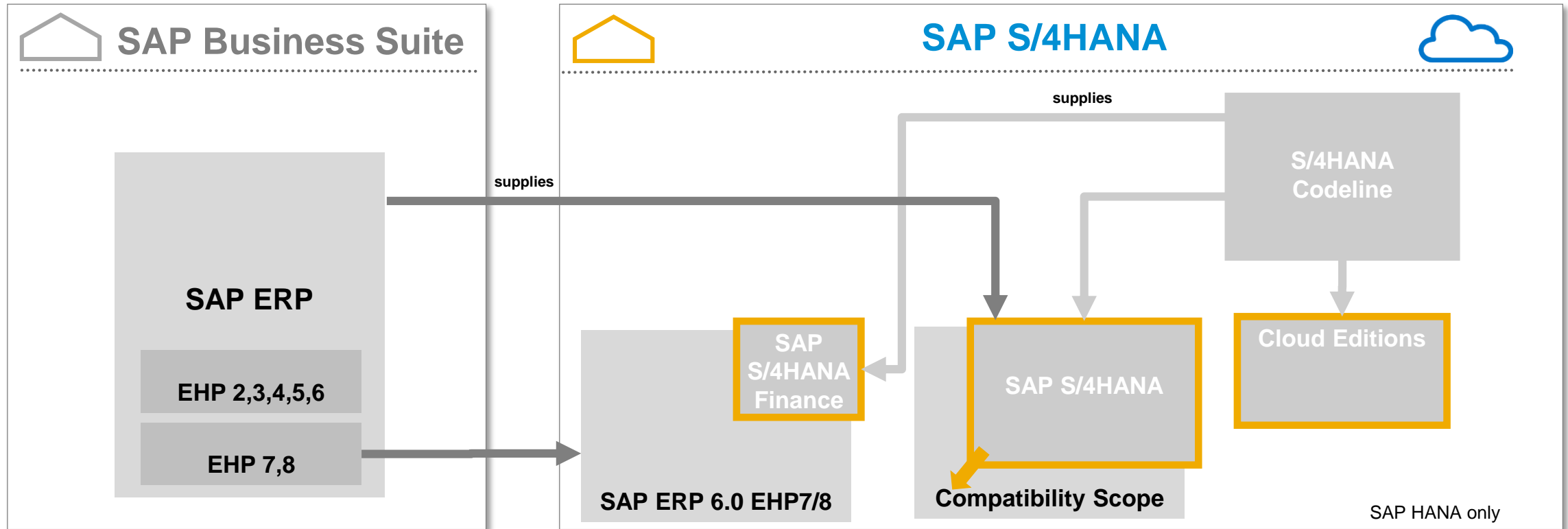
- Innovative in-memory database
- New architecture and data models
- Renewed applications
- New UI technology
- Cloud & on-premise deployment models
- Natively integrated

SAP S/4HANA is a *new* product line.

The classical SAP Business Suite & SAP ERP is a separate product line and will still be available.

Relation between SAP ERP and SAP S/4HANA

SAP Business Suite

SAP S/4HANA

supplies

supplies

SAP ERP

EHP 2,3,4,5,6

EHP 7,8

S/4HANA Codeline

SAP S/4HANA Finance

SAP S/4HANA

Cloud Editions

SAP ERP 6.0 EHP7/8

Compatibility Scope

SAP HANA only

Classical SAP ERP on any DB or SAP HANA

SAP S/4HANA Finance

SAP S/4HANA
Compatibility scope to support system conversion (see SAP Note 2269324)

SAP S/4HANA Cloud
Cloud Qualities also available On-Premise

Compatibility Packs

> ***Compatibility Packs are software licenses that grant access to <u>certain</u> "non S/4HANA" SAP functionality for use with a licensed S/4HANA installation***
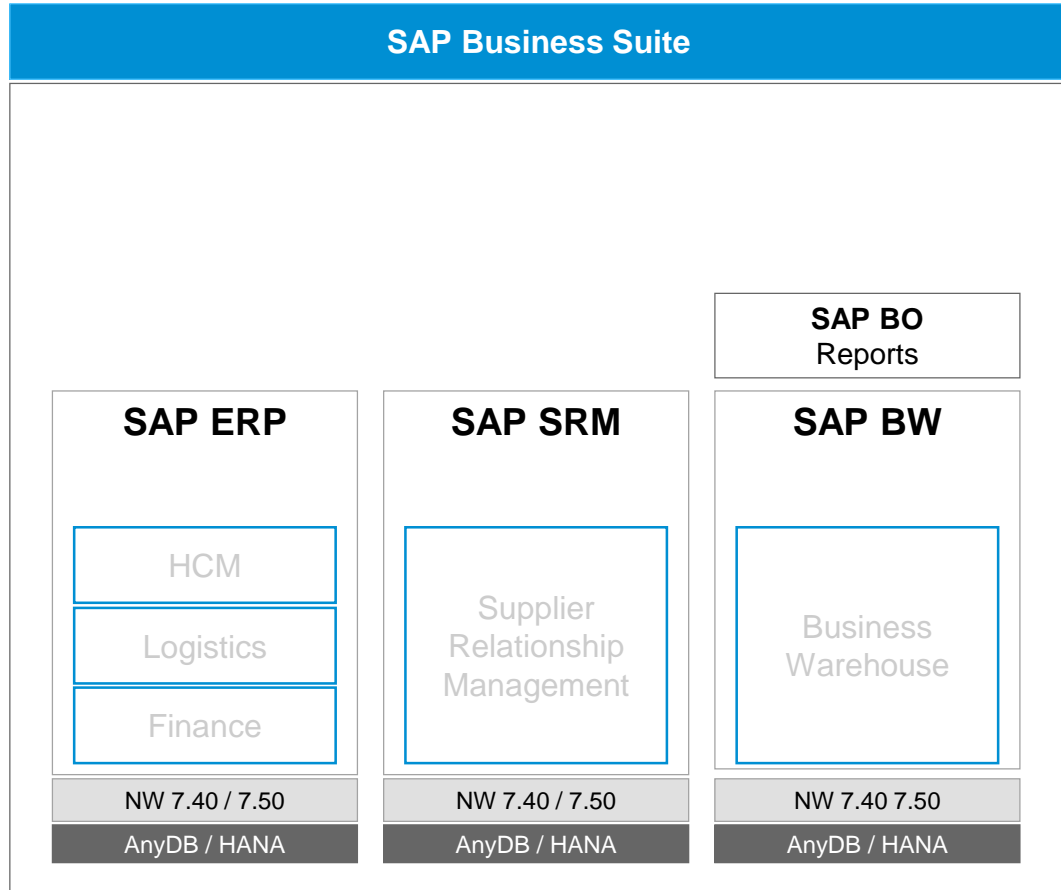
Classical ERP Scope + LoB and Industry solutions
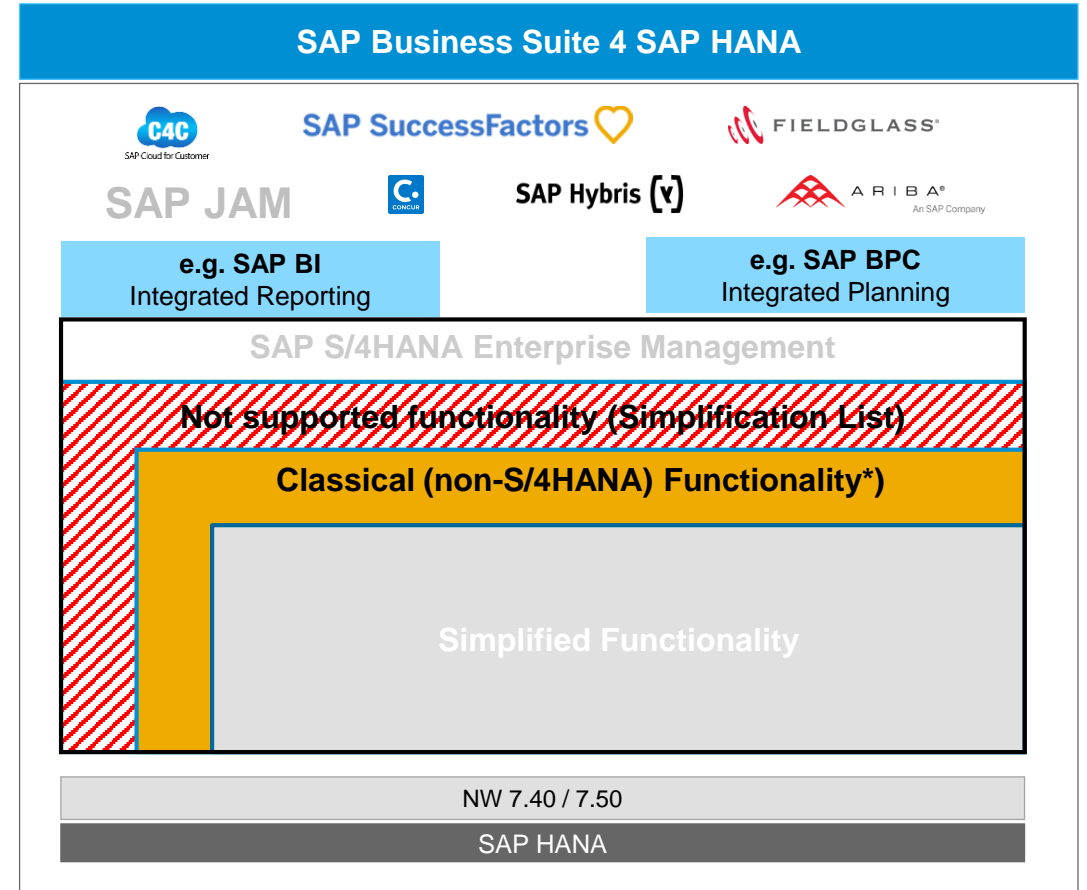
S/4HANA On-Premise Scope

Compatibility Scope

Compatibility Packs fill the gap between the capabilities of today's ERP and the capabilities of the *current* S/4HANA OP. Over time, the compatibility packs will be phased out, as the scope of S/4HANA OP Increases.

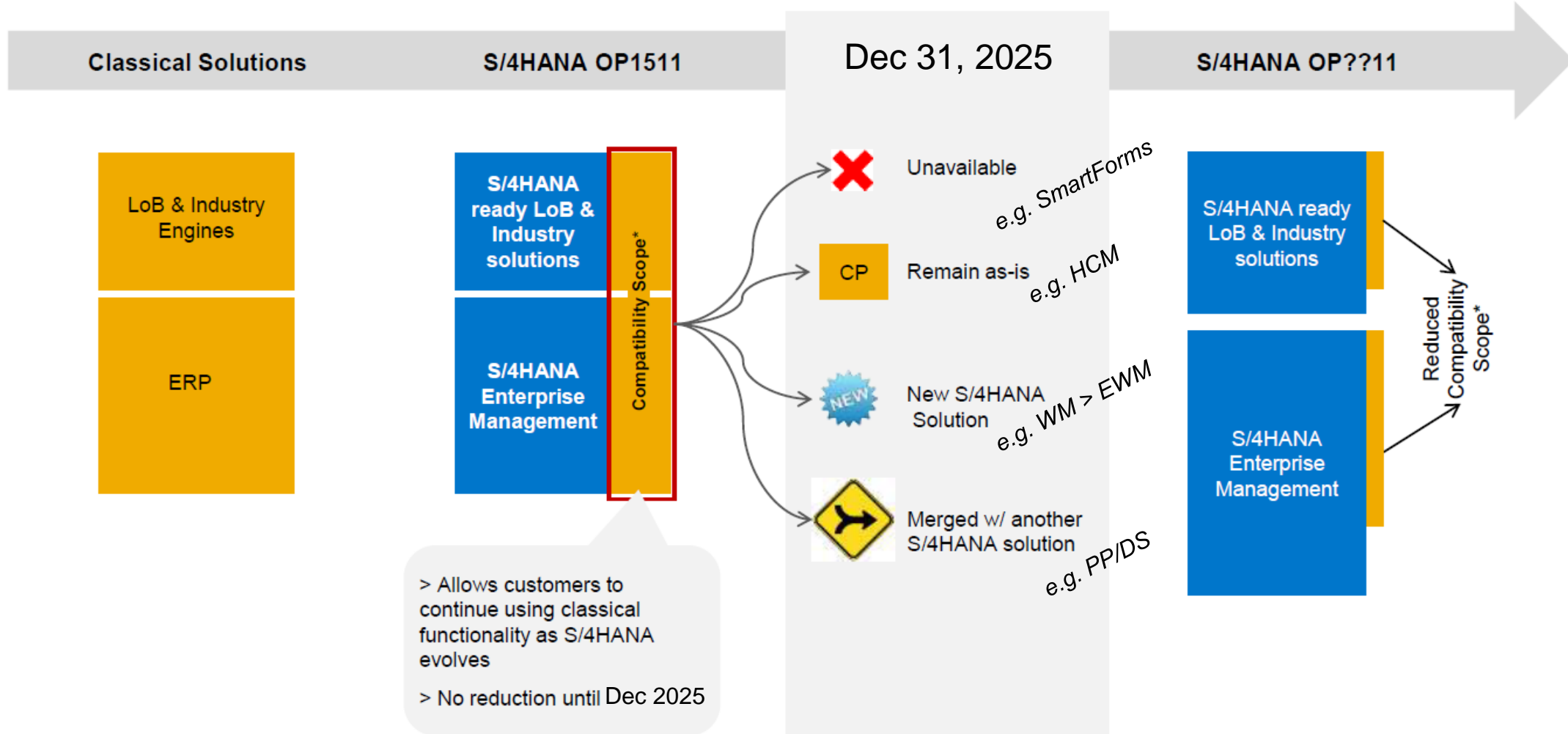# SAP S/4HANA – functional compatibility with ECC 6.0

SAP Business Suite

SAP BO
Reports

SAP ERP

HCM

Logistics

Finance

SAP SRM

Supplier
Relationship
Management

SAP BW

Business
Warehouse

NW 7.40 / 7.50	NW 7.40 / 7.50	NW 7.40 7.50
AnyDB / HANA	AnyDB / HANA	AnyDB / HANA

S/4HANA simplified

SAP Business Suite 4 SAP HANA

C4C — SAP Cloud for Customer   SAP SuccessFactors   FIELDGLASS

SAP JAM   CONCUR   SAP Hybris   ARIBA An SAP Company

e.g. SAP BI Integrated Reporting   **e.g. SAP BPC** Integrated Planning

SAP S/4HANA Enterprise Management

Not supported functionality (Simplification List)

Classical (non-S/4HANA) Functionality*)

Simplified Functionality

NW 7.40 / 7.50
SAP HANA

*) delivered via Compatibility Packs

Scope Equation:

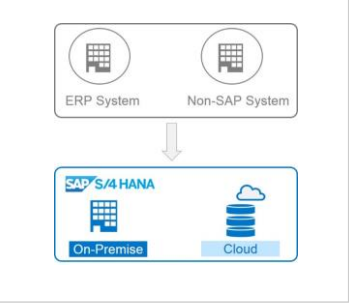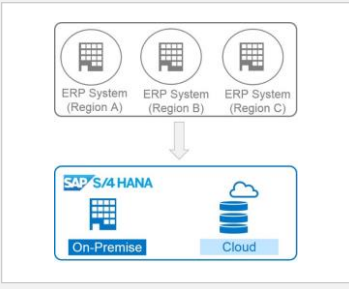**S/4HANA on-Premise + Compatibility Pack >= ECC 6.0 – Simplification List**

S/4HANA Compatibility Packs

Classical Solutions

- LoB & Industry Engines
- ERP

S/4HANA OP1511

- S/4HANA ready LoB & Industry solutions
- S/4HANA Enterprise Management

Compatibility Scope*

> Allows customers to continue using classical functionality as S/4HANA evolves

> No reduction until Dec 2025

Dec 31, 2025

- ✖ Unavailable — *e.g. SmartForms*
- CP Remain as-is — *e.g. HCM*
- NEW New S/4HANA Solution — *e.g. WM > EWM*
- ⚠ Merged w/ another S/4HANA solution — *e.g. PP/DS*

S/4HANA OP??11

- S/4HANA ready LoB & Industry solutions
- S/4HANA Enterprise Management

Reduced Compatibility Scope*

* Scope may include commercialized solutions or non-commercialized components

Transition to SAP S/4HANA
The scenario 3 Transition Scenarios – Overview

		Description	Benefits	Target Group
New Implementation		• New implementation of SAP S/4HANA, e.g. for customers migrating a legacy system, also known as "greenfield" approach.	• Reengineering and process simplification based on ready-to-run business processes • Predefined migration objects & best practices available with guided configuration • Rapid adoption of new innovations	• SAP Business Suite Customer or net new customer
System Conversion		• Customers who want to change their current system into a SAP S/4HANA system. • Database Migration, S/4HANA Software update and Data Conversion in one step.	• Migration without reimplementation • No disruption for existing business processes • Re-evaluation of customization and existing process flows	• SAP Business Suite customers with SAP ERP or SAP Business Suite on SAP HANA as starting point
Landscape Transformation		• Customers who want to consolidate their landscape or to selectively transform data into a SAP S/4HANA system.	• Selective data transformation allows a phased approach • Move gradually to SAP S/4HANA innovations • system and landscape consolidation	• SAP Business Suite customers with multiple SAP ERP or SAP Business Suite on HANA systems, or hybrid cases

New Implementation
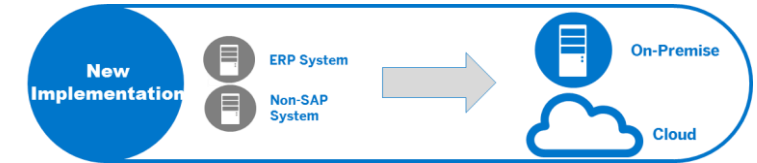
Scenario Description

**New installation** of SAP S/4HANA e.g. for customers migrating a legacy system.
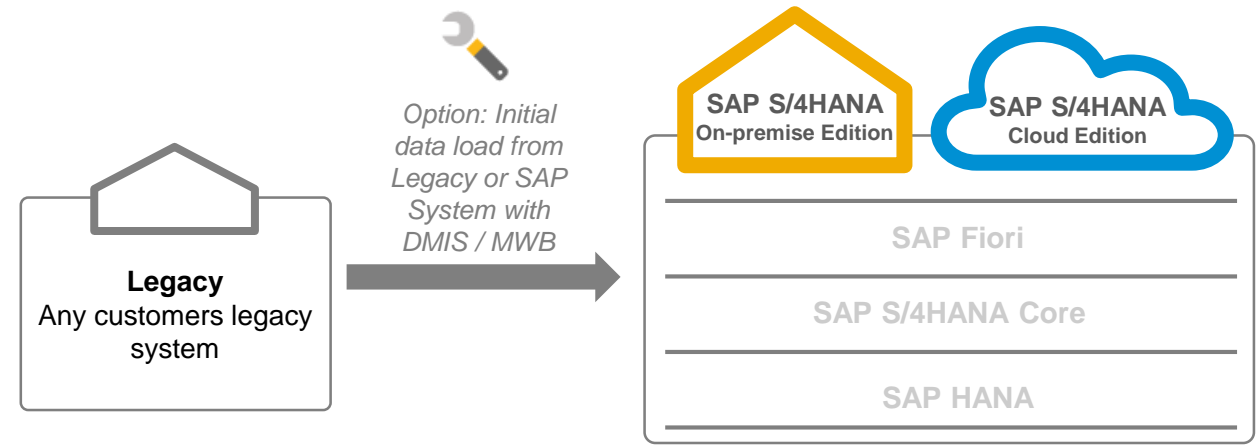
Benefits for the customer

- Reengineering and process simplification based on ready-to-run business processes and reference solution delivered with the product
- New implementation of industry-leading Business Suite
- Pre-defined migration objects & Best Practices available in a guided process

Option: Initial data load from Legacy or SAP System with DMIS / MWB

Legacy
Any customers legacy system

SAP S/4HANA
On-premise Edition

SAP S/4HANA
Cloud Edition

SAP Fiori

SAP S/4HANA Core

SAP HANA

	What	How
1	Install S/4HANA	SWPM (Software Provisioning Manager)
2	Initial data load from source system	**D**ata **M**igration **S**erver / **M**igration **W**ork **B**ench • SAP source: system connection • Legacy system: file upload; SAP Data Services additionally supported with predefined migration content

System Conversion
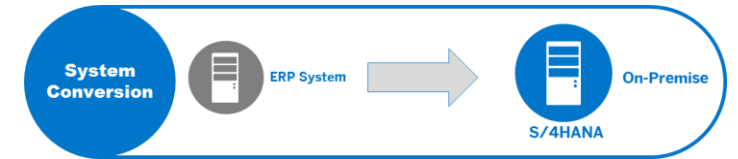
Scenario Description

Customers who want to **change** their **current system** into a SAP S/4HANA system.

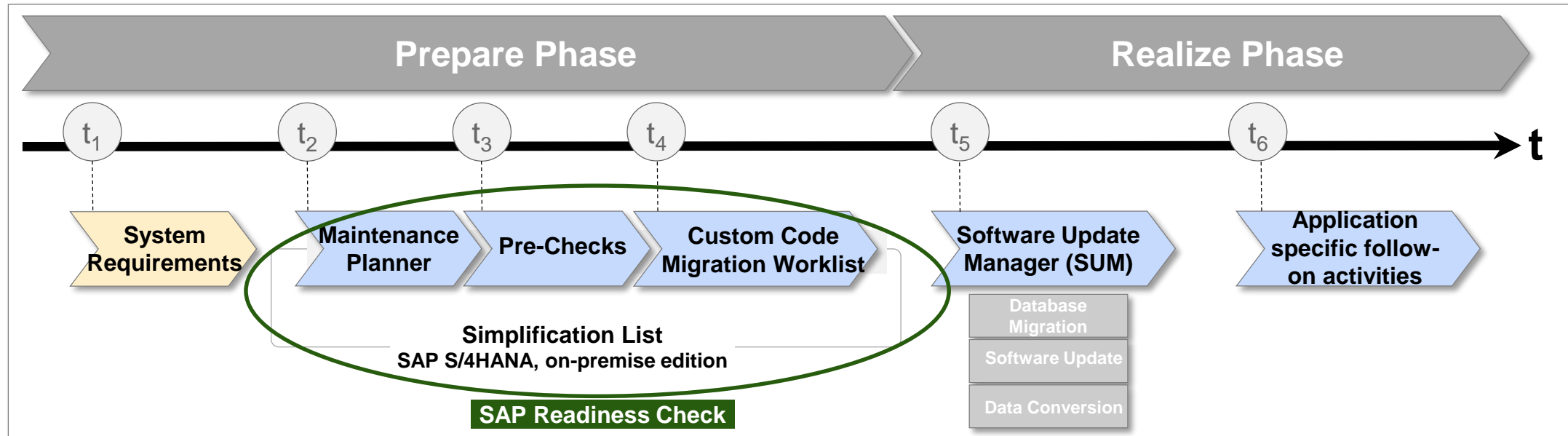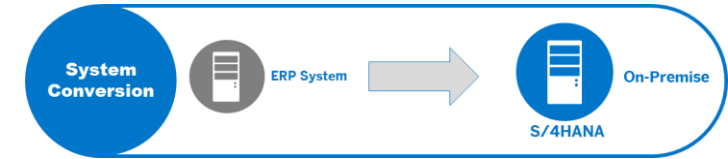**Database, NetWeaver** *and* **Application** transition in one step.

SAP Update Manager (SUM) with Database Migration Option (DMO)

	SAP Business Suite		SAP S/4HANA On-premise Edition
	SAP GUI	⚙ ＊ ➜	**(SAP GUI) /** SAP Fiori
	SAP ERP Core		SAP S/4HANA Core
	AnyDB / SAP HANA		SAP HANA
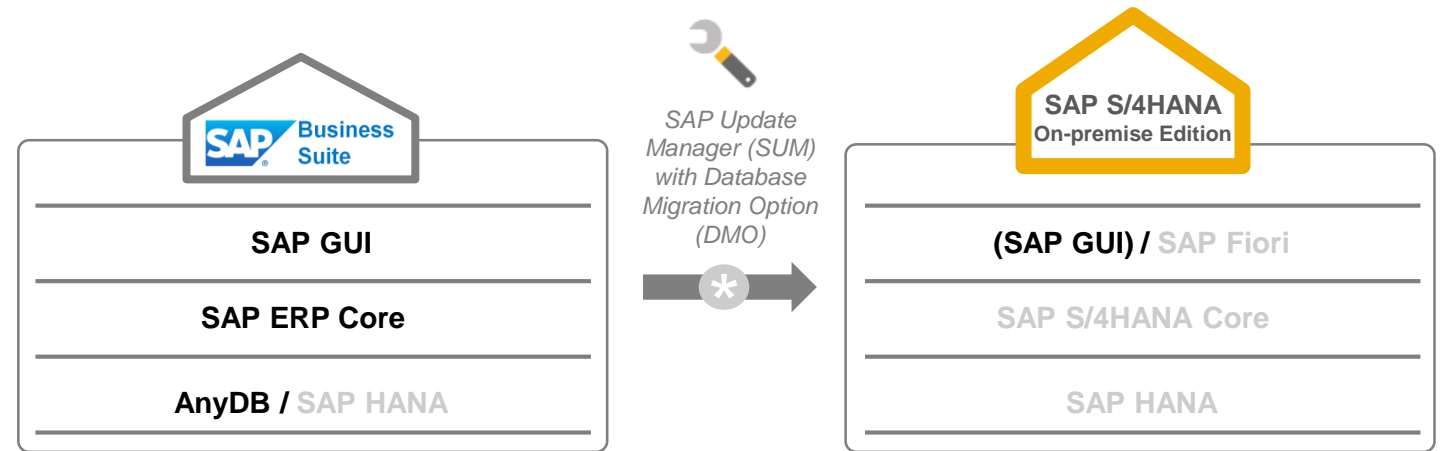
Benefits

- Migration without reimplementation
- No disruption for existing business processes
- Re-evaluation of customization and existing process flows

	What	How
＊	Installation *and* migration	Rapid Database Migration of SAP Business Suite to S/4 HANA (all **one step migration**, including sFIN/sLOG conversion) using SUM with DMO

SAP S/4HANA
System Conversion: Sequence

Prepare Phase | **Realize Phase**

t₁ ... t₂ ... t₃ ... t₄ ... t₅ ... t₆ → t

- System Requirements
- Maintenance Planner
- Pre-Checks
- Custom Code Migration Worklist
- Software Update Manager (SUM)
  - Database Migration
  - Software Update
  - Data Conversion
- Application specific follow-on activities

Simplification List SAP S/4HANA, on-premise edition

SAP Readiness Check

Conversion Guide for SAP S/4HANA 1511: Link

Additional Information

- *Simplification List* for SAP S/4HANA, on-premise edition (1511 FPS2): Link
- *Maintenance Planner* see SAP Help: http://help.sap.com/maintenanceplanner
- *Pre-checks* are shipped as SAP Notes to customers that want to convert to SAP S/4HANA. SAP Note 2182725, and all the related notes attached to it.
- *Custom Code Migration Worklist* → see SAP Help Portal: Link and the following SCN blog: Link
- *Software Update Manager* → Link → *Software Logistics Toolset 1.0* → *System Maintenance*

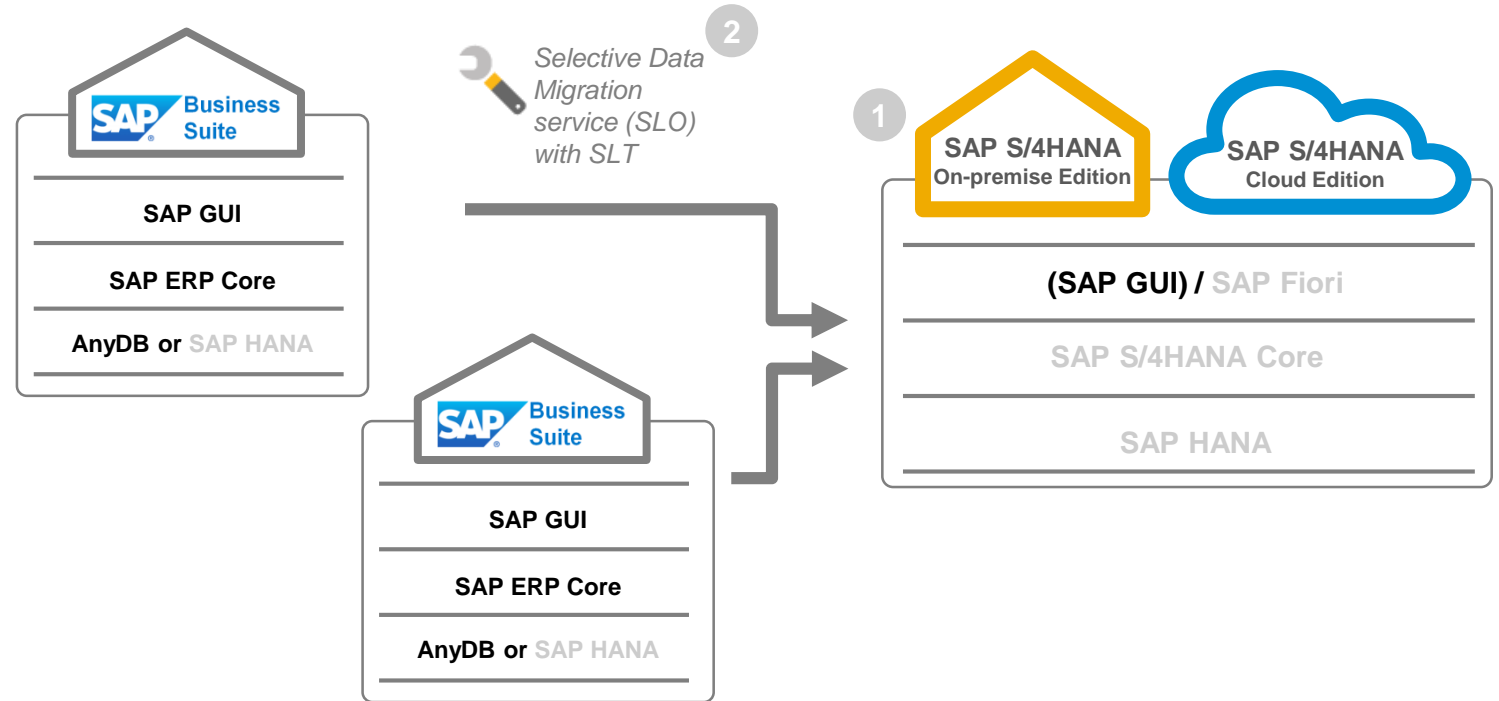# SAP Readiness Check for SAP S/4HANA

Landscape Transformation

Scenario Description

Customers who want to **consolidate** their landscape or **carve out** selected entities or processes into an <u>existing</u> SAP S/4HANA system.

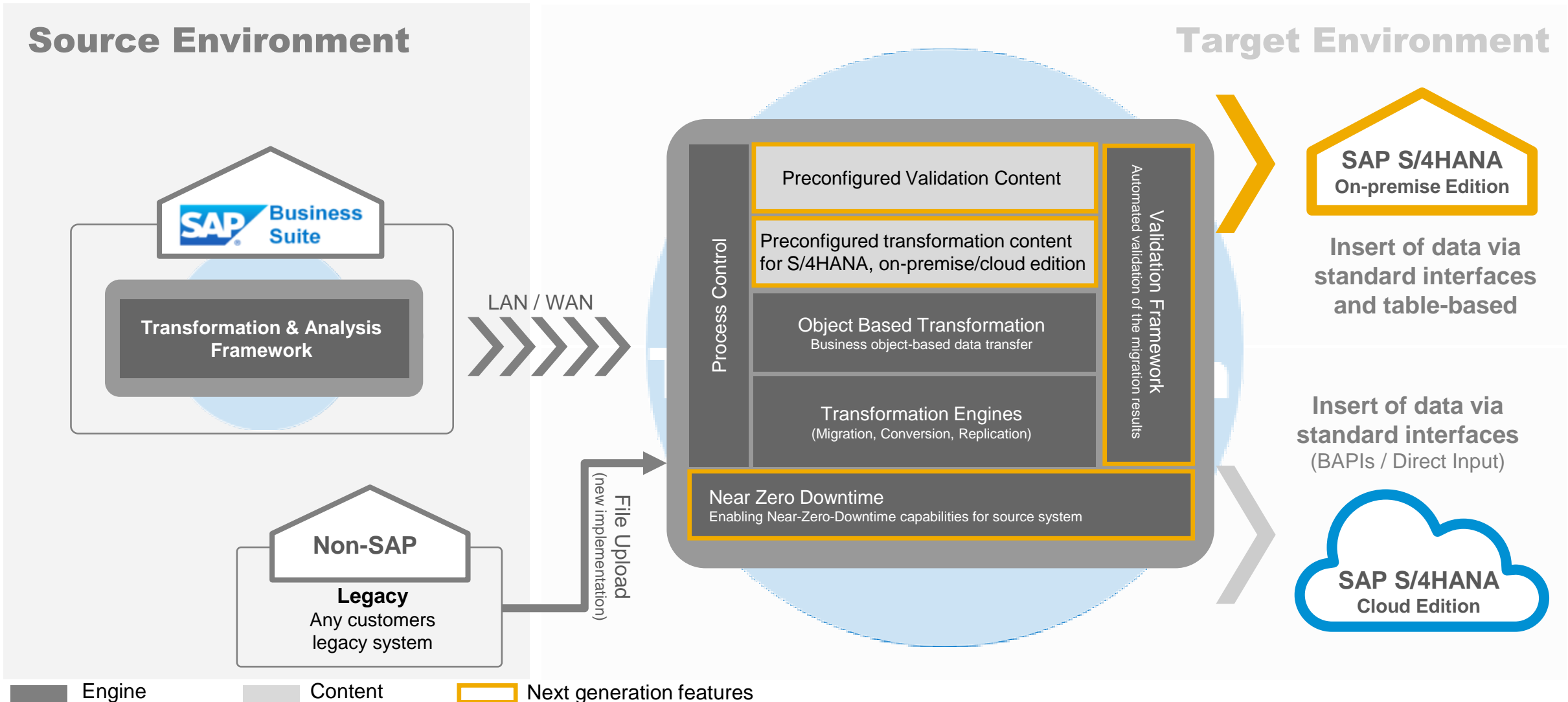Customer-specific migration project re-using standard migration content.

Benefits

- Stay with current business processes and move gradually to SAP S/4HANA innovations

- Harmonized business processes and shared master data through consolidation

- Carve out of single entities of the company to SAP S/4HANA and leverage process simplification

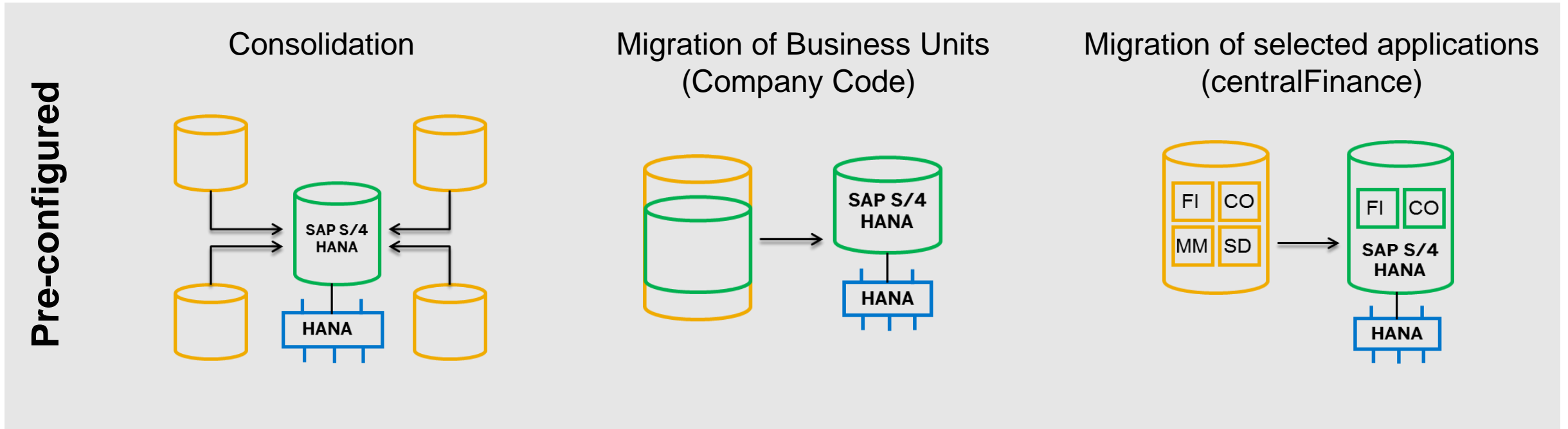|	What	How
1	Install (and configure) S/4HANA	SWPM (Software Provisioning Manager)
2	"Carve Out"	Selective Data Migration service (SLO) with SLT → Individual harmonization project required

SAP Landscape Transformation - Outlook
SAP S/4HANA data migration / Landscape transformation platform

Source Environment

SAP Business Suite

Transformation & Analysis Framework

Non-SAP

Legacy
Any customers legacy system

LAN / WAN

File Upload
(new implementation)

Process Control

Preconfigured Validation Content

Preconfigured transformation content for S/4HANA, on-premise/cloud edition

Object Based Transformation
Business object-based data transfer

Transformation Engines
(Migration, Conversion, Replication)

Near Zero Downtime
Enabling Near-Zero-Downtime capabilities for source system

Validation Framework
Automated validation of the migration results

Target Environment

SAP S/4HANA
On-premise Edition

Insert of data via standard interfaces and table-based

Insert of data via standard interfaces
(BAPIs / Direct Input)

SAP S/4HANA
Cloud Edition

Engine   Content   Next generation features

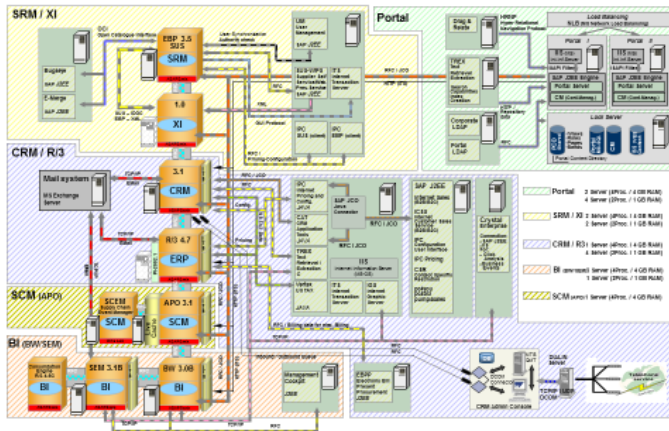# SAP S/4HANA landscape transformation scenarios – On premise
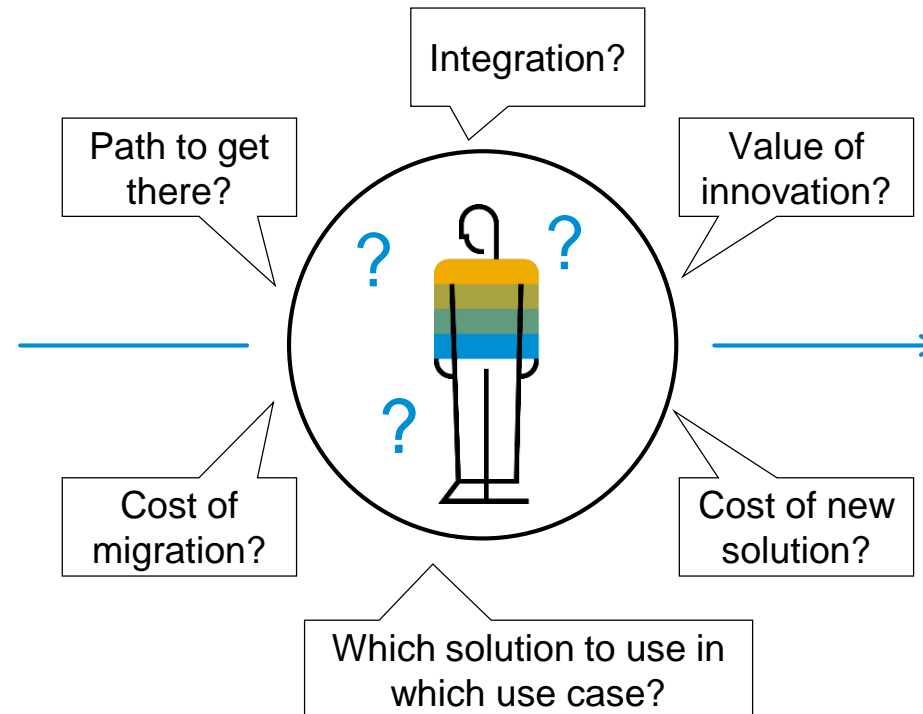## SAP LT enabled solutions

**Tailored offerings for selective data migration requirements
(for example based on time slice, plant or other objects)
can be requested as project solution or service.**

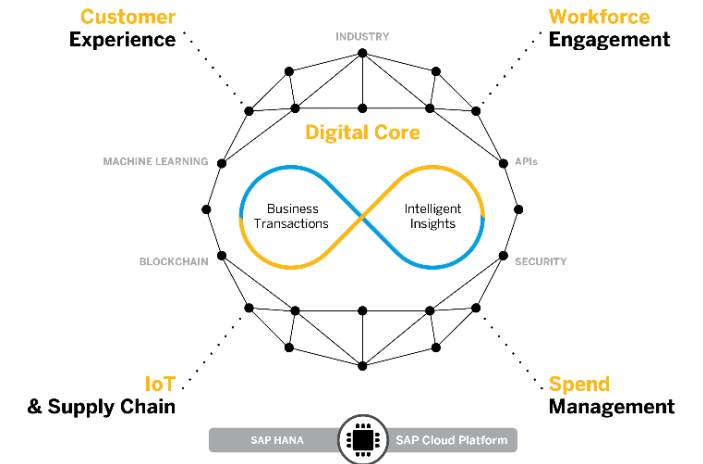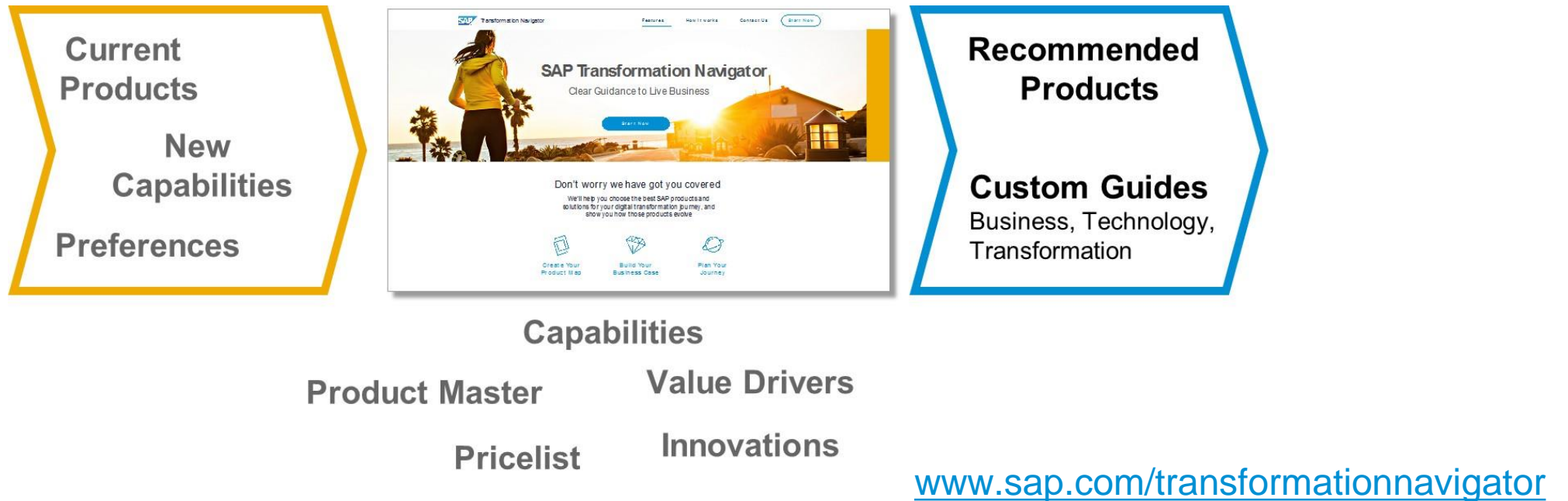# Moving to an application landscape centered on SAP S/4HANA

Today

Questions

Integration?

Path to get there?

Value of innovation?

Cost of migration?

Cost of new solution?

Which solution to use in which use case?

Tomorrow

Customer Experience

Workforce Engagement

INDUSTRY

Digital Core

MACHINE LEARNING

APIs

Business Transactions

Intelligent Insights

BLOCKCHAIN

SECURITY

IoT & Supply Chain

Spend Management

SAP HANA

SAP Cloud Platform

Please give me guidance, not choices.

SAP Transformation Navigator
Creating your SAP S/4HANA-centric product map

Current Products

New Capabilities

Preferences

Recommended Products

Custom Guides
Business, Technology, Transformation

Capabilities

Product Master

Value Drivers

Pricelist

Innovations

www.sap.com/transformationnavigator

- The SAP Transformation Navigator comes as our response to the customer request for clear guidance for Live Business
- The self-service aims to help customers move from seeing the need to starting the journey
- The output of the tool is captured in a set of three guides – Business Guide, Technical Guide and Transformation Guide
- These guides can serve to align with different stakeholder groups and frame the operational way forward

SAP Transformation Navigator - Detailed scope

Which products to use? Which solution to use in which use-case?	■ Product recommendation for all currently used products ■ Pre-load of solution profile from SAP Solution Manager + ability to add products ■ Capability based addition of product recommendations ■ Recommendation sensitive to deployment strategy (e.g. Cloud vs. on-premise) and current scope of use (e.g. ERP modules/solution capabilities) ■ Suitable for landscape transformation, business transformation and greenfield approach ■ 3y roadmaps for on premise, rolling 4 quarter roadmaps for cloud products and solutions
Cost of Migration?	■ Transition type (e.g. upgrade, conversion, process transformation) transparent ■ Overview of necessary transitions and available services
Integration?	■ Integration technology guidance paper ■ Integration guides
Value of innovation?	■ All products have capability based value drivers ■ Top value drivers have aspiration ranges ■ Realization Tracking KPIs mapped
Cost of new solution?	■ Relevant licenses and conversion policies described

SAP Readiness Check for SAP S/4HANA

Discovery Workshop: Create customer SAP S/4HANA Roadmap

Preparation ➤ **Execution** ➤ **Follow-Up**

Your customer would like to collaborate through a dedicated initial SAP S/4HANA roadmap workshop

SAP S/4HANA scope and high-level strategic benefit is clarified

Investment based on customer opportunity

Preparation

- **Scoping of deliverables, processes and solution**
- **Preparation of materials and customer outside-in by back office**

Execution

- **3-days (+/-) customer facing workshop based on defined scope**
- Day 1: Intro, S/4 overview, S/4 solution and benefits
- Day 2: S/4 solution and benefits, customer readiness
- Day 3: Architecture, Implementation, Benefit, Roadmap

Follow-Up

- **Compilation of final report**
- **Management presentation**
- **Next steps**

Fulfill customer expectation by delivering answers to all relevant SAP S/4HANA topics

Present roadmap how to move on towards SAP S/4HANA

Position SAP S/4HANA licenses and services