S4HANA Roadmap

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SAP ERP EVOLUTION

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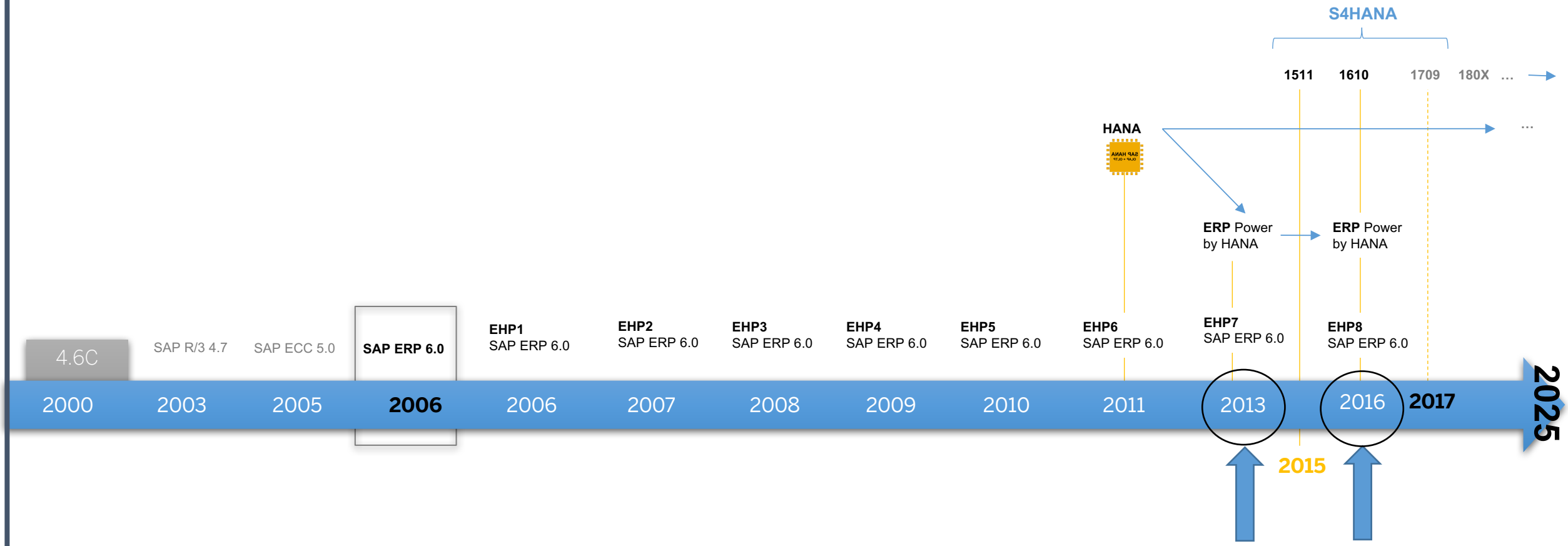
SAP ERP version evolution



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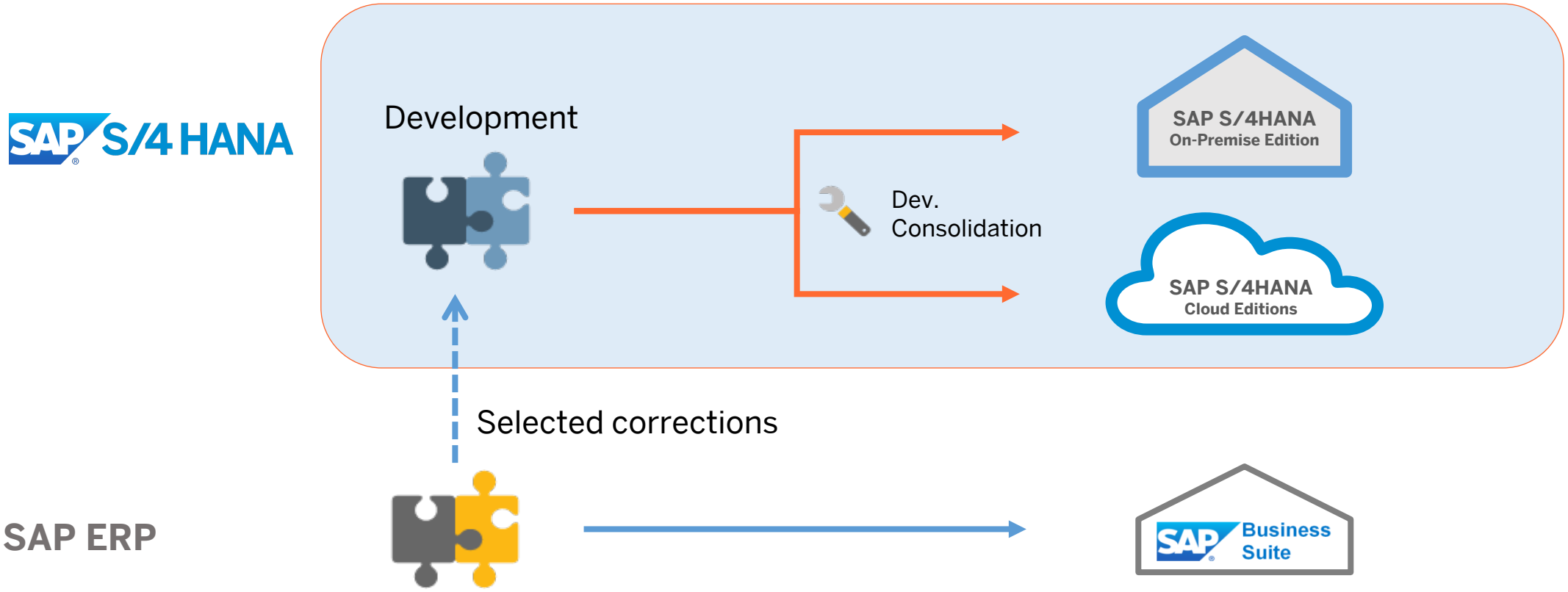
SAP S/4HANA

One Codeline, Different Products

Following the "Principle of One", SAP S/4HANA will offer all main features* in different deployment options



*Detailed product features may differ in different deployment options

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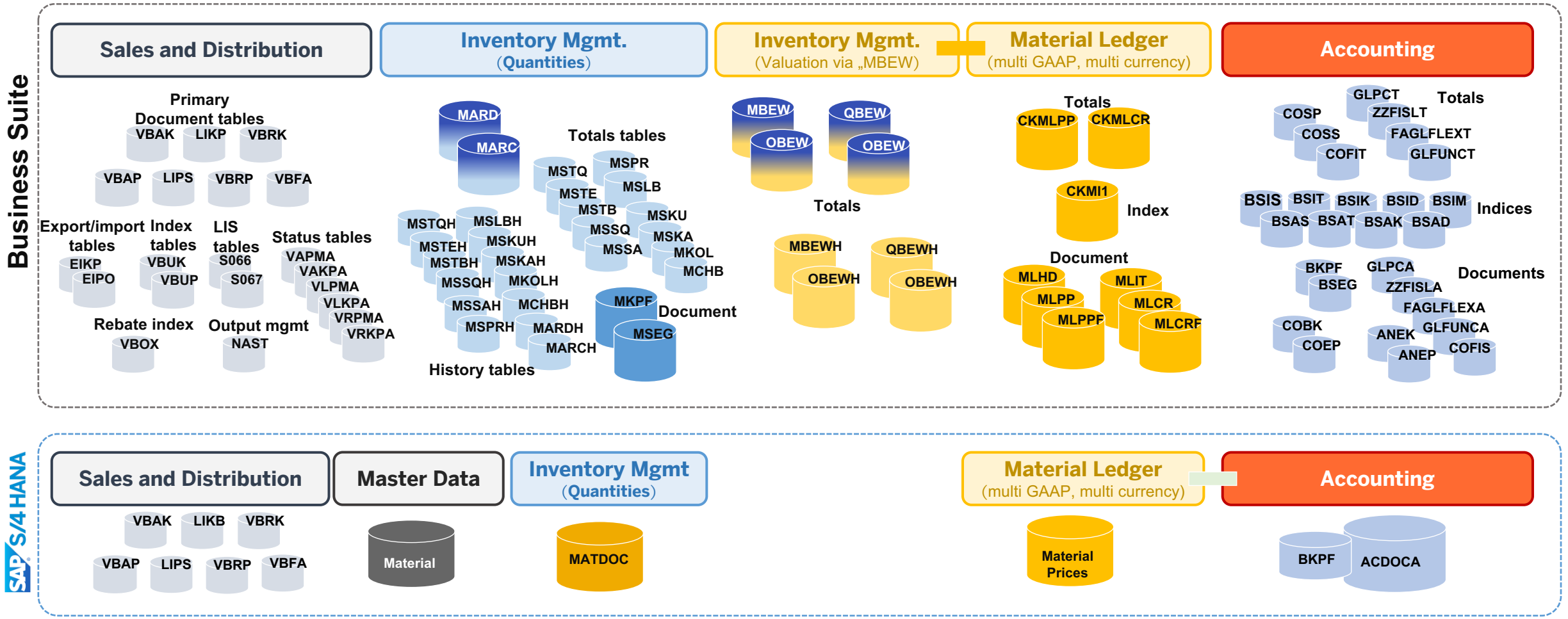
SAP S/4HANA

Example of Simplification



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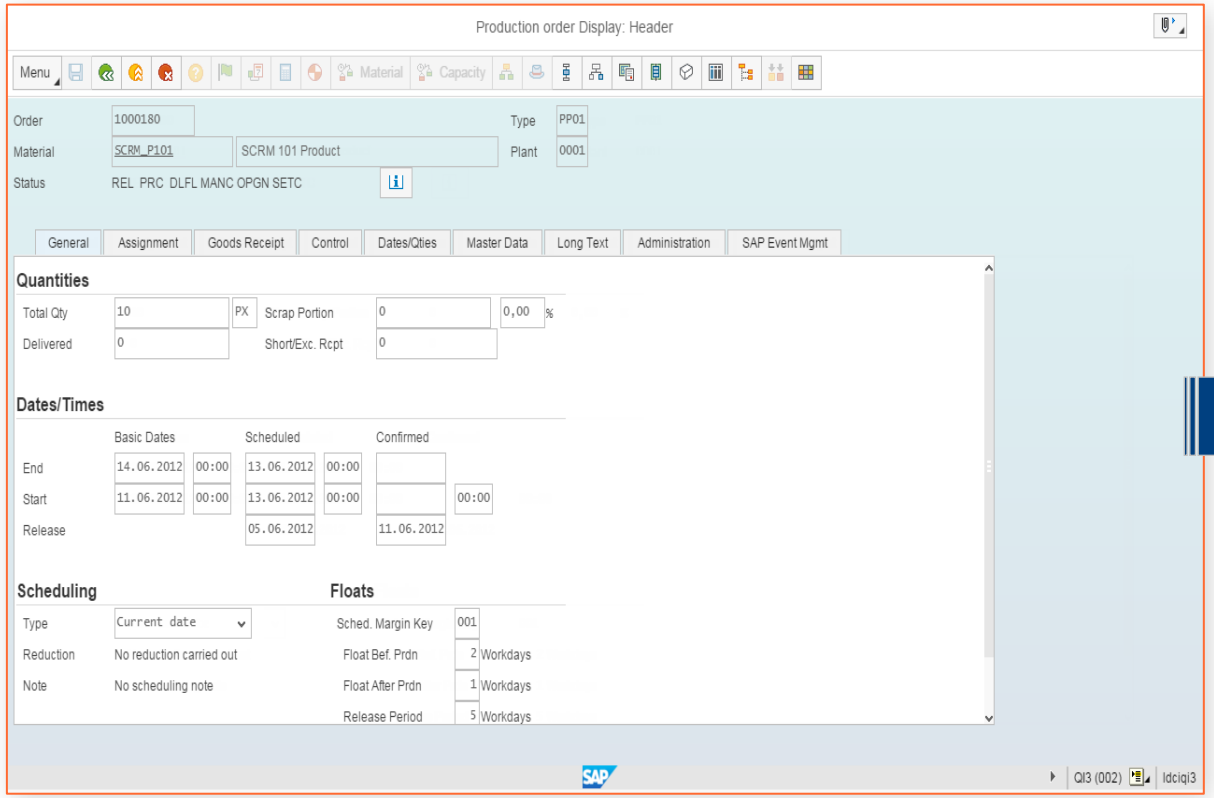
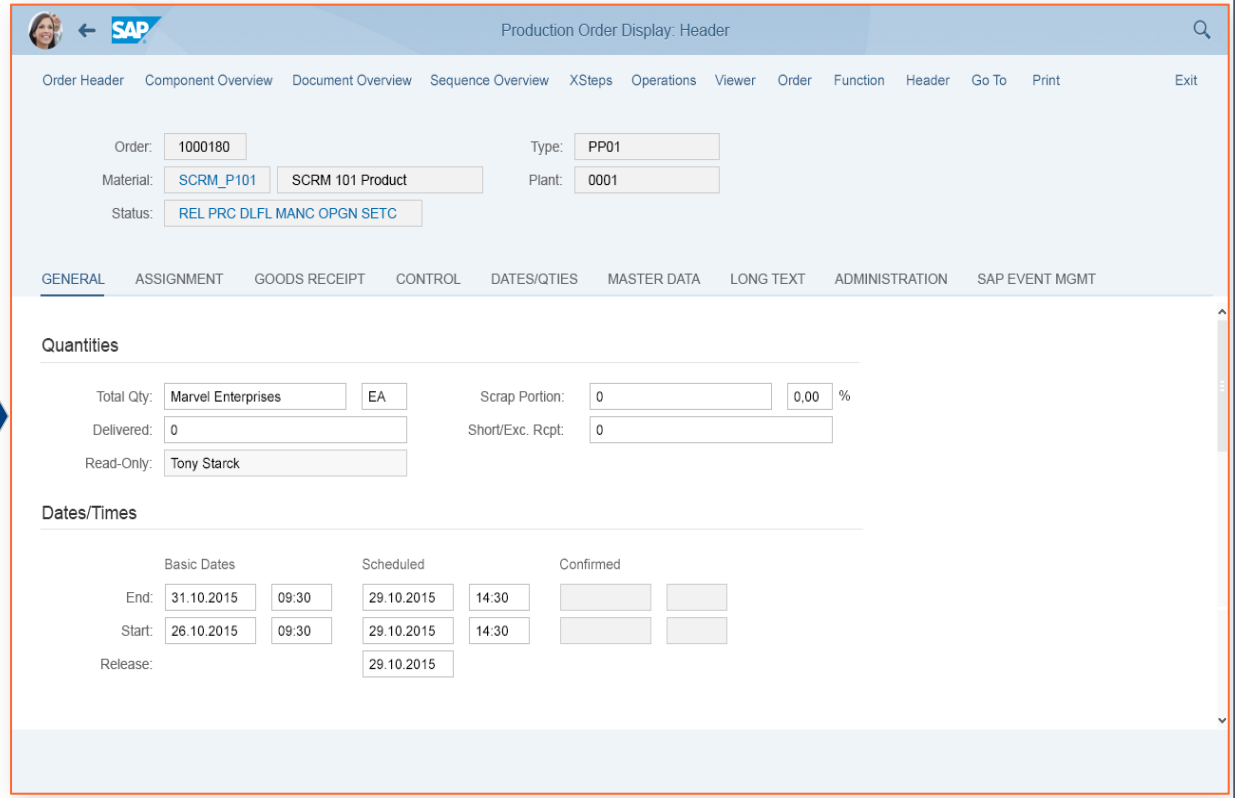
SAP S/4HANA – SAP FIORI Visual Harmonization



Example screen from transaction CO03 („Display Production Order“) in SAP GUI for HTML



VH-enabled (implementation in SAP GUI for HTML progressing)

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SAP S/4HANA – SAP FIORI Visual Harmonization

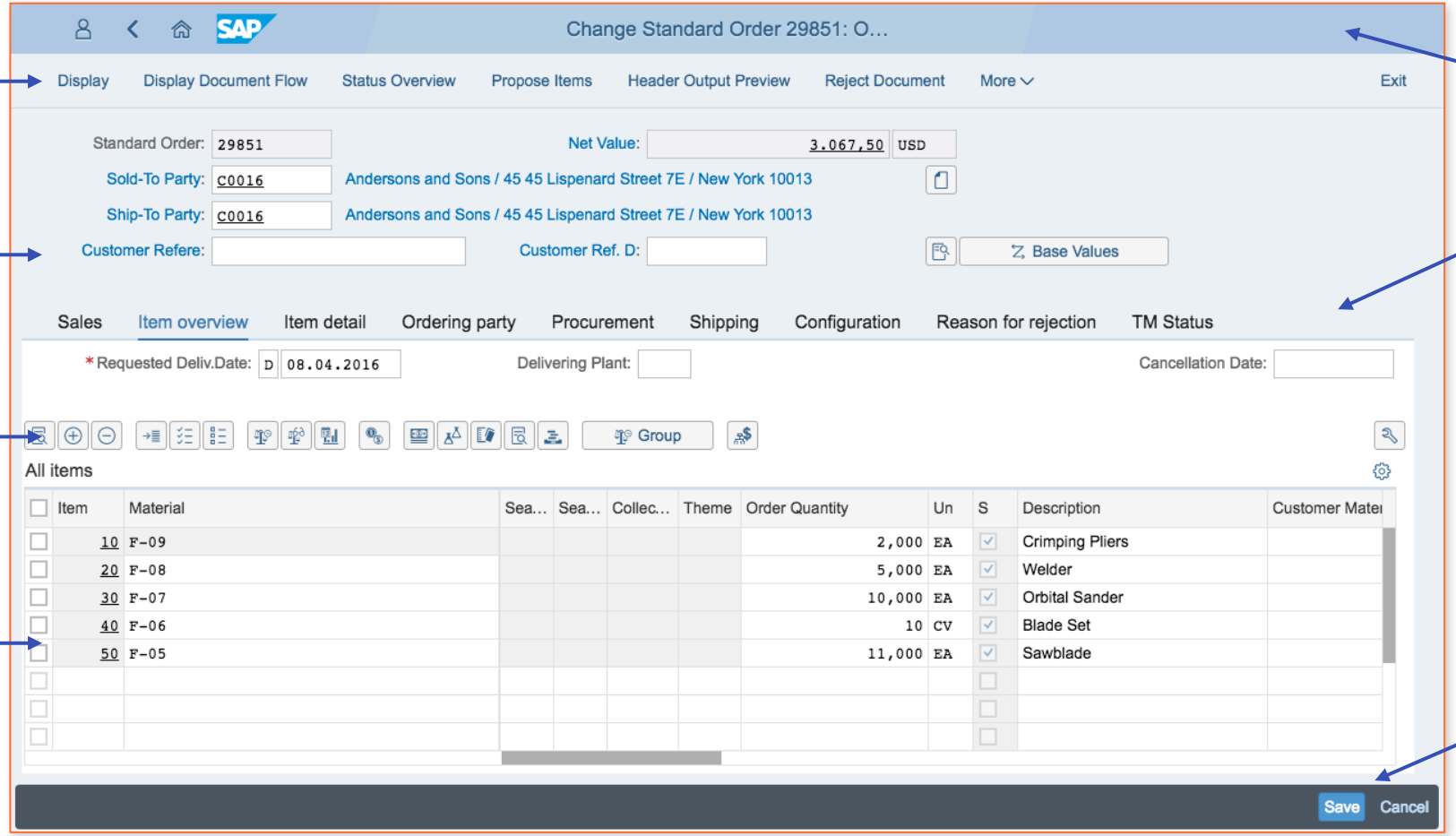
One visual design for all applications: same colors, control design and form factor

Text toolbar instead of icons

Right-aligned labels

New icons

Condensed table rows



Merged Fiori header

Tab strips with SAP Fiori visualization

New footer with processing and closing actions, e.g. „Save“

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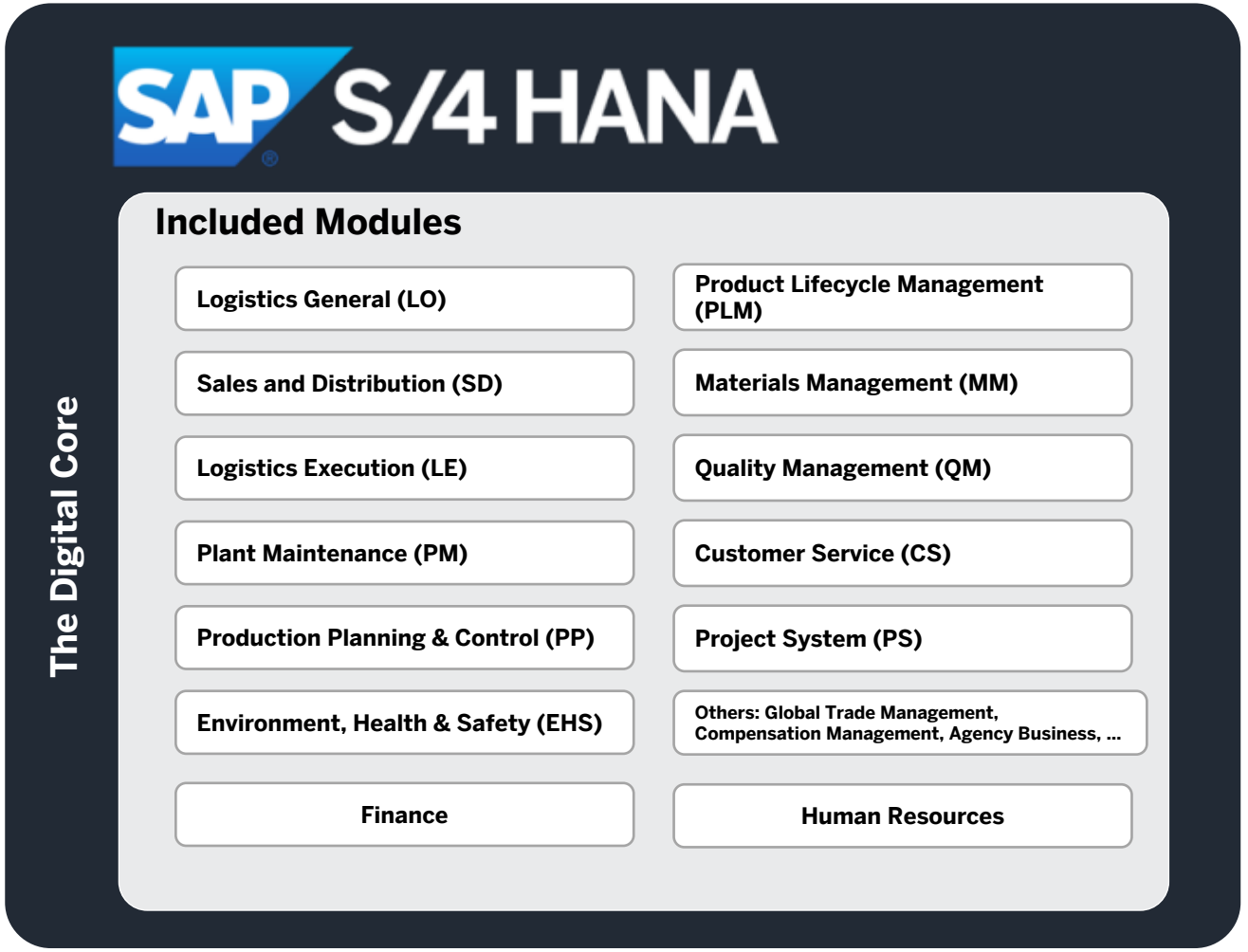
SAP S/4HANA

Next-Generation Business Suite



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SAP S/4HANA 1610 – S/4HANA Suite

Incl. all LoB recommended solutions**

*(partially) Compatibility Scope

	FINANCE	HUMAN RESOURCES	SOURCING & PROCUREMENT	MANUFACTURING	SUPPLY CHAIN
	SAP Ariba CONCUR • Governance, Risk, and Compliance for Finance • Financial Services Network	SAP SuccessFactors SAP Fieldglass • Core Human Resources And Payroll • Talent Mgmt. • Time and Attendance Mgmt. • Human Capital Analytics	SAP Ariba SAP Fieldglass CONCUR • Supplier Collaboration • Business Network • Guided End-User Buying • External Workforce Management	• Responsive Manufacturing (ME, MII, QIM, VE) • Production Operations (MII, QIM) • Digital Operations for Manufacturing (MII)	• Integrated Business Planning • Global Batch Traceability • Extended Warehouse Mgmt. • Transportation Management
Products	• Financial Planning and Analysis • Accounting and Financial Close • Treasury Mgmt. • Receivables Mgmt. • Invoice Mgmt. and Accounts Payable • Real Estate Management			• Constrained production planning • Planning and Scheduling	• Extended Warehouse Mgmt. • Advanced ATP
Digital Core	• Accounting and Closing Operations • Accounting • Cost Mgmt. and Profitability Analysis	• Time Recording	• Operational Purchasing • Collaborative Sourcing and Contract Mgmt. • Invoice and Payables Mgmt. • Supplier Management • Procurement Analytics	• Production Operations • Quality Mgmt.	• Inventory and Basic Warehouse Mgmt. * • Production Planning
	SAP S/4 HANA Enterprise Management				
	• Order and Contract Mgmt.	• Service Mgmt. * • Service Master Data Mgmt.* • Service Parts Mgmt.* • Service Agreement Mgmt.*		• Maintenance Mgmt.	• Product Development and Project Control • Product Engineering
Products	• Sales Planning and Performance Mgmt. (ICM)		• Subscription Billing and Revenue Mgmt. (“BRIM”)	• Asset Operations and Maintenance* • Environment, Health, and Safety	• Enterprise Portfolio and Project Mgmt. • Commercial Project Mgmt. • Compliant Product Lifecycle Mgmt.*
	SAP Hybris SAP Hybris Sales Cloud	SAP Hybris SAP Hybris Service Cloud SAP Hybris Service Engagement Center	SAP Hybris SAP Hybris Commerce SAP Hybris Marketing Cloud	• Digital Asset Network	• Digital Operations for R&D
	SALES	SERVICE	MARKETING COMMERCE	ASSET MANAGEMENT	RESEARCH & DEVELOPMENT

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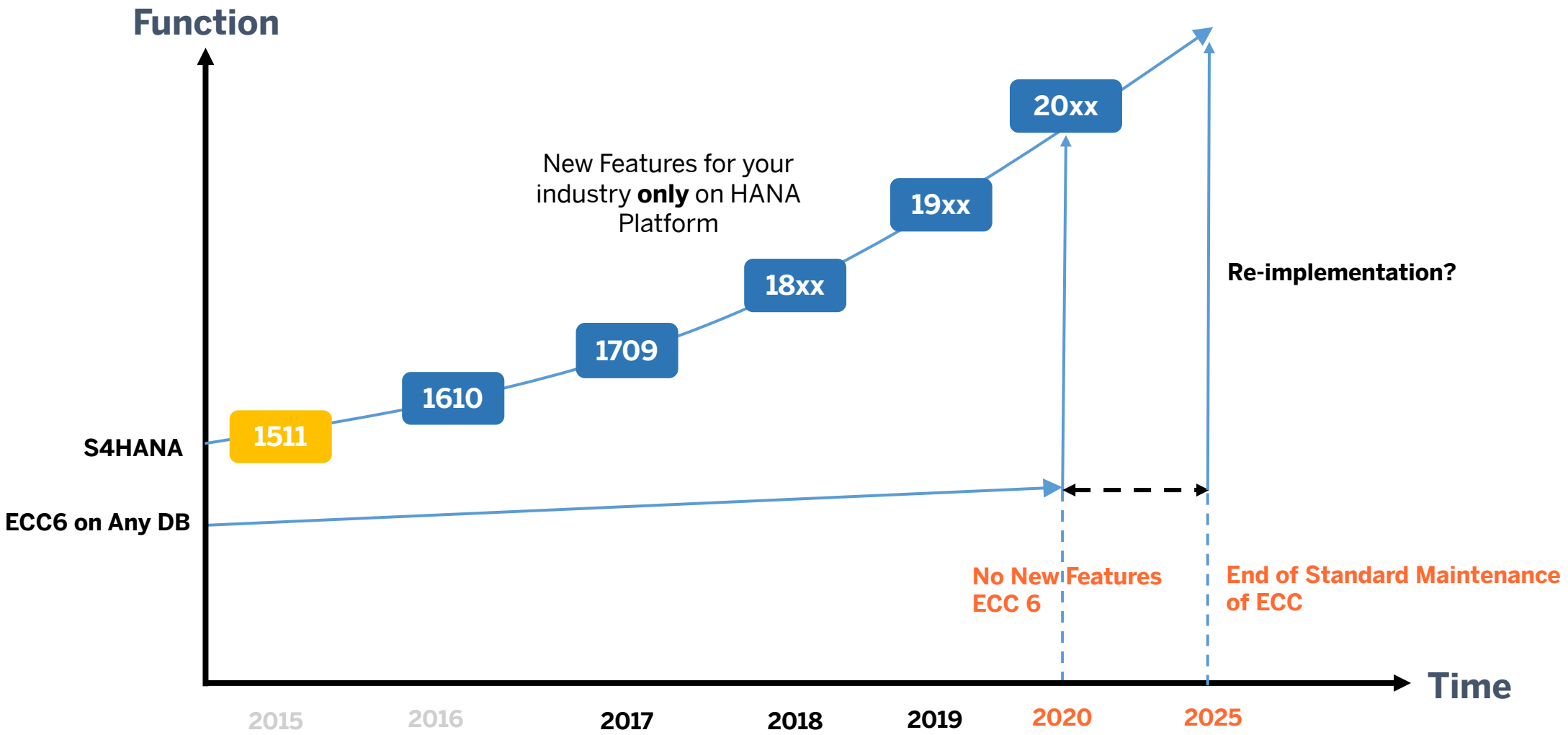
The Value of HANA to Your Business Will Only Increase...



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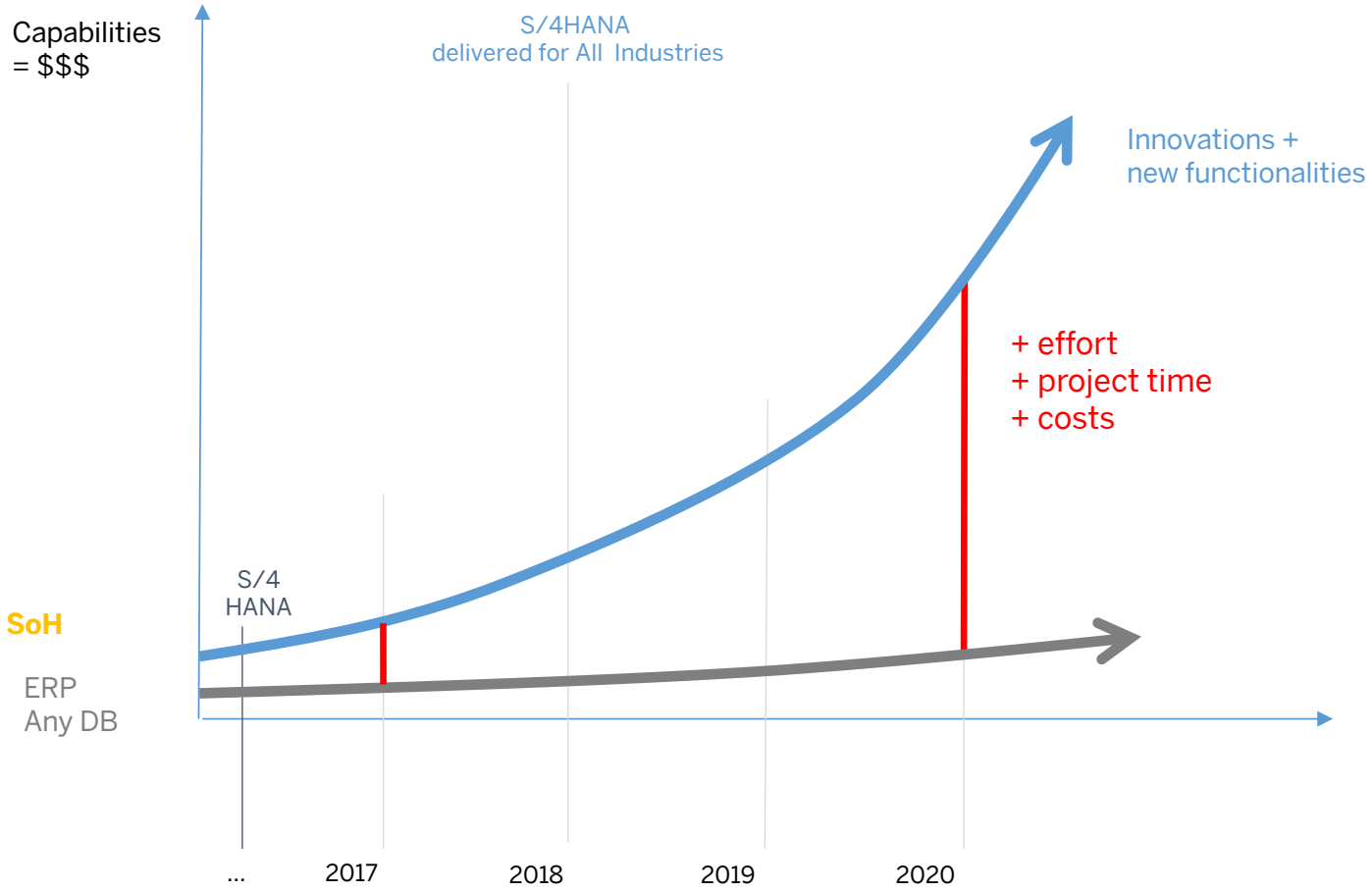
why now?



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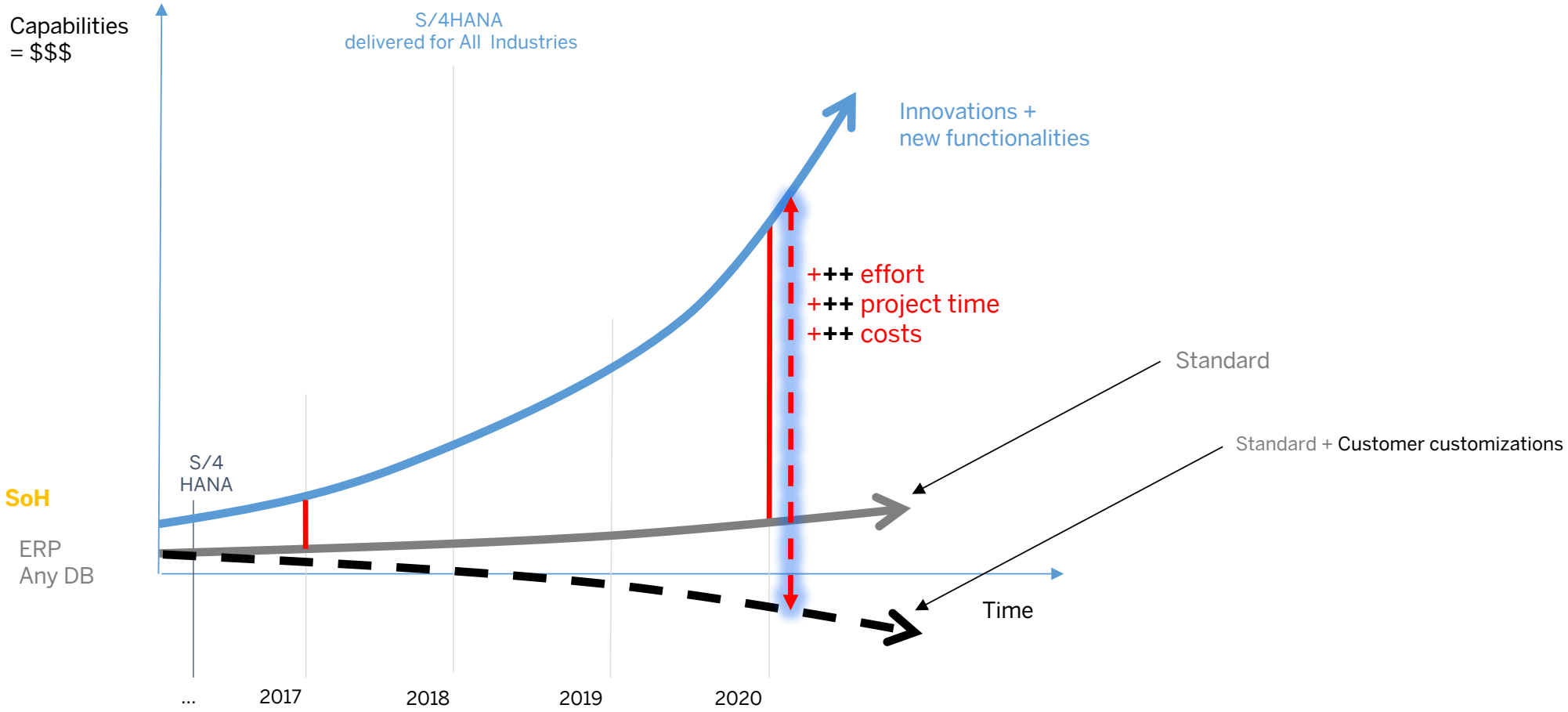
why now?



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RELEASE STRATEGY FOR 2017

S4 HANA 1610 FPS02 | S4HANA 1709 SPS00

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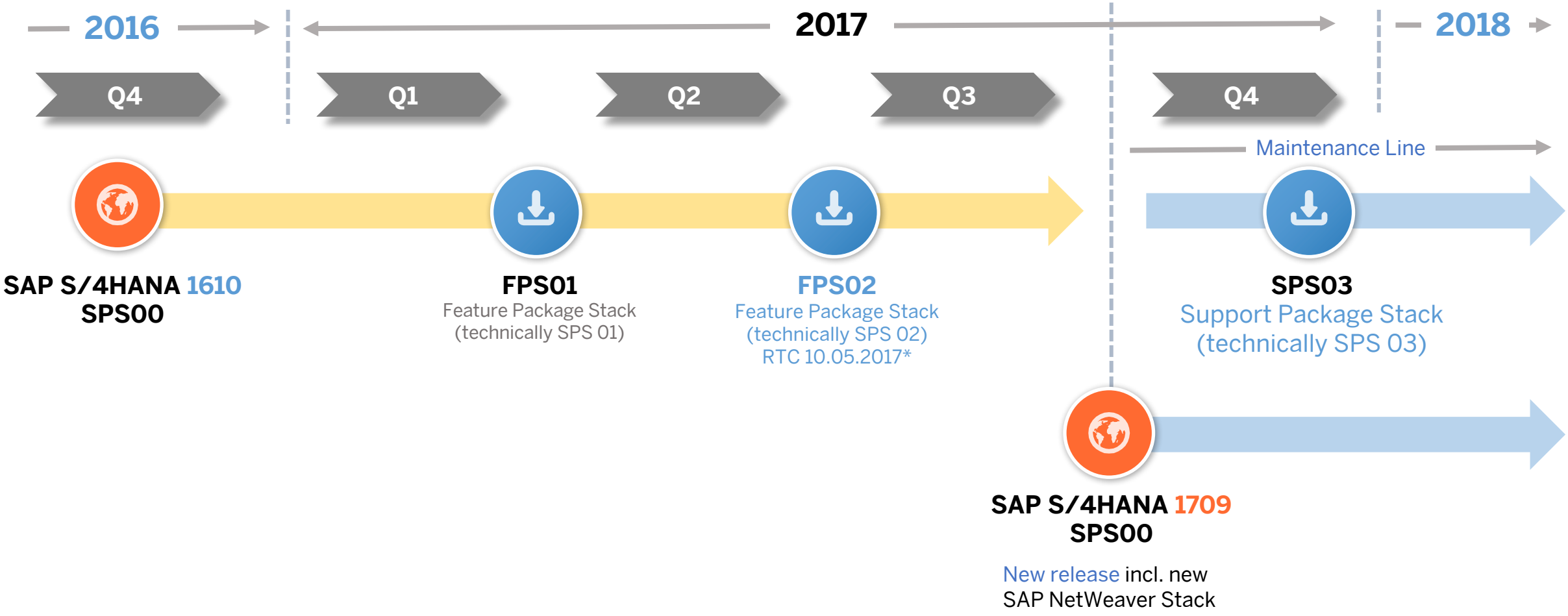
SAP S/4HANA

Release strategy for 2017 and definition of deliveries

SAP LABS PREVIEW



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SAP S/4HANA 1610 FPS02

Delta Scope – Industries*

SAP LABS PREVIEW

Industries

Consumer Products

Public Sector

Utilities

Oil&Gas

Discrete Industries

Line of Business

Finance - Cash Management

Sales and Distribution

Localization

Enhancement of existing country versions:

- **Egypt:** New Law for value-added tax
- **Russia:** Extensions for value-added tax
- **China:** Tax Invoice Management
- **Australia:** Flexible Procurement Reporting

SAP Fiori Visual Theme for Industry Localization incl. SAP Fiori launchpad content

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SAP S/4HANA 1610 FPS02

Delta Scope – Industries*

SAP LABS PREVIEW

Public Sector

Public Sector Collection and Disbursement, Tax and Revenue Management

- Enhancements based on Customer Connect
- Small enhancements of product Tax and Revenue Management

Consumer Products
Enable Direct Store Delivery

Enable Direct Store Delivery (DSD) within SAP S/4HANA as compatibility mode.

Planned as an interim solution in compatibility mode - until a new DSD solution for SAP S/4HANA is available

Utilities

Customer Connection (CC)
Enhancements based on CC-project 'SAP for Utilities'.

- The focus is on functions and processes in CRM for Utilities and IS-U (e.g. customer services, device management, billing and invoicing).

Measurement Data Processing and Billing of Energy Products:

- Scale-out Foundation for IS-Utilities
- CDS view based virtual data model for Utilities Information System

SAP Waste and Recycling (SAP W&R)
Enable SAP W&R in SAP S/4HANA

Industry solution for waste disposal and recycling companies supporting Bulky Waste Collection, Cleaning and Winter Services, Container Services, Discharge System Services, Treatment and Disposal, Waste Asset and Container Management, Weighing and Billing

Discrete Industry (DI)

Enhancements to completely enable the **Discrete Industry processes due to DIMP moved to SAP S/4HANA Core**:

- Resolve restrictions in Vehicle Management System with TREX replacement
- Enable Grouping, Pegging, Distribution (GPD) processes reacting on MM Inventory Management changes
- Resolve the DI restrictions with MRP on SAP HANA

Oil&Gas

Upstream Operations Management (UOM) product enablement on SAP S/4HANA.

- SAP S/4HANA enablement with adjusting due to simplifications e.g. MFLE.
- Adjusting all UOM SAP Fiori apps as per guidelines of SAP Fiori 2.0.
- Moving the HANA LIVE content (one Analysis Path Framework SAP Fiori app) to CDS views.
- Moving the extraction logic of BI reports(selected) to CDS views.
- Removal of obsolete functionality.

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SAP S/4HANA 1610 FPS02

Delta Scope – **Line of Business** *

SAP LABS PREVIEW

Finance
Cash Management

Connectivity with SAP HANA Cloud Platform for Invoice Matching via Machine Learning (SAP Clea for Cash Application**)

- Clear incoming payments by matching them with the corresponding receivables..

Sales & Distribution (SD)

Migration support from SAP ERP to SAP S/4HANA due to simplification of data

- Improved migration from SAP ERP to SAP S/4HANA with optimized Conversion programs which can run parallel to process huge number of records.

** Not part of SAP S/4HANA shipment; requires additional products.

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S4HANA RELEASE 1709

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SAP S/4HANA 1709

Innovations – Industries*

SAP LABS PREVIEW

Mill & Mining

Insurance

Banking

Defense & Security

Media

Agriculture

Public Sector

Oil&Gas

Retail / Wholesale

Utilities

Discrete Industries

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SAP S/4HANA 1709

Innovations – Lines of Business *

SAP LABS PREVIEW

Hybris Billing

(FI-CA)

Foundation

Rules Framework (NW)

Idea - PLM

Master Data Management

Procurement

Extended Warehouse Management

Transportation Management

EAM – Digital Enterprise Assets

GRC

Commodity Management

Digital Manufacturing, Produce, aATP and Logistics Execution

Digital Manufacturing, Produce, aATP and Logistics Execution

Digital Manufacturing, Produce, aATP and Logistics Execution

Environment, Health & Safety

SAP S/4HANA CRM**

Delivery with SAP S/4HANA 1709 SPS01

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** Internal working title as official name not yet defined

SAP Innovation Discovery | SAP Innovation Discovery

Secure https://zinnovationdiscovery-supportportal.dispatcher.hana.ondemand.com/#/innovations/searchid=6EAE8B28C1011ED6A098146D1801C0C3

Apps | SAP | JAM | SAP Portal | WTS | Bing Translator | Presales Central | HANA Adoption | SAP Dashboard | SAP ONE Support L... | Citrix GoToMeeting | myFiori

SAP Innovation Discovery

Industry | Line of Business | Technology

We found 940 unique innovations

CATEGORIES

- Industry
- Line of Business
- Technology

FILTER INNOVATIONS BY

- Product
- Spotlight
- Availability

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Delivered | 468 Planned | 472

Backorder processing using confirmation strategies like win, gain, redistribute, fill, and lose

SAP Fiori app for creating and changing variants used in backorder processing (BOP):

- Five predefined confirmation strategies – win, gain, redistribute, fill, and lose – for the requirements included in a BOP run may be used simultaneously in one BOP variant
- Multiple filter and prioritizing pairs can be used to select and sort the requirements for each confirmation strategy
- For ease of maintenance and to simplify each filter, a global filter can be used to determine the maximum set of requirements for a BOP variant
- The confirmation strategies "win" and "gain" generate exceptions if the ATP check shows insufficient availability and the affected material/plant combinations are excluded from the BOP run

SAP Fiori app for displaying the results of a backorder processing (BOP) run:

- Overview page showing all BOP-runs with dedicated details (timestamp /runtime / number of selected line items / aggregated resul)
- Detailed view for each individual BOP-run on differnet aggregation levels

Available with Software Product Version: **SAP S/4HANA 1610**

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SAP

Innovations
S4HANA

MOVE TO S4HANA

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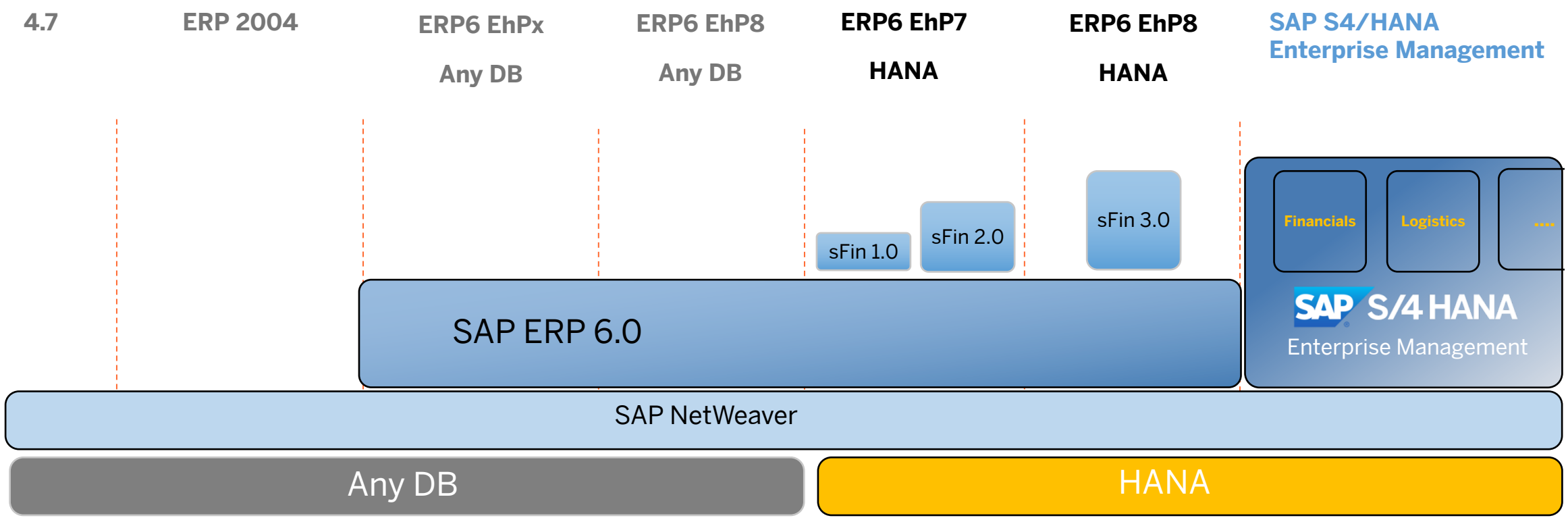
Evolution to **SAP S/4HANA**



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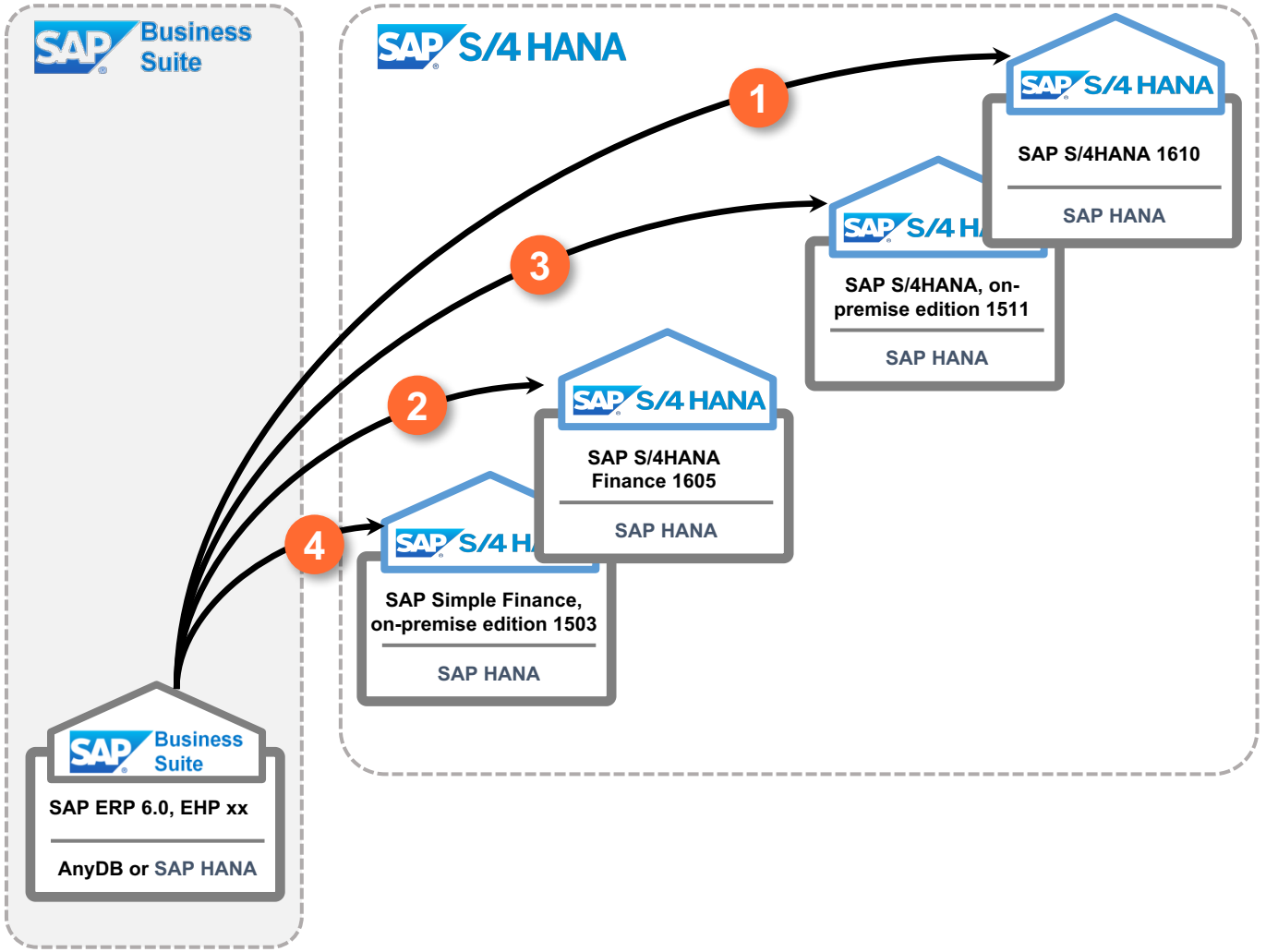
SAP S/4HANA

System Conversion – Transition Paths Overview



	Start Release	Target Release	Availability	Remarks
1	SAP ECC 6.0 EHP 0-8	SAP S/4HANA 1610	available since: Q4/2016	Migration to SAP HANA DB [if required], Installation of S4CORE Software
2	SAP ECC 6.0 EHP 0-8	SAP S/4HANA Finance 1605	available since: Q2/2016	Migration to SAP HANA DB [if required], Installation of Software [**EHP8** + sFIN])
3	SAP ECC 6.0 EHP 0-7	SAP S/4HANA, on-premise edition 1511	available sinc : Q4/2015	Migration to SAP HANA DB [if required], Installation of S4CORE Software
4	SAP ECC 6.0 EHP 0-7	SAP Simple Finance, on-premise edition 1503	available since: Q1/2015	Migration to SAP HANA DB [if required], Installation of Software [**EHP7** + sFIN])

See SAP Note 2261242 and SAP Note 2185245 for more details

- **System Conversion** from SAP Business Suite **to** SAP S/4HANA
- **System Conversion** from SAP S/4HANA Finance **to** SAP S/4HANA
- **Upgrade** within the SAP S/4HANA product family

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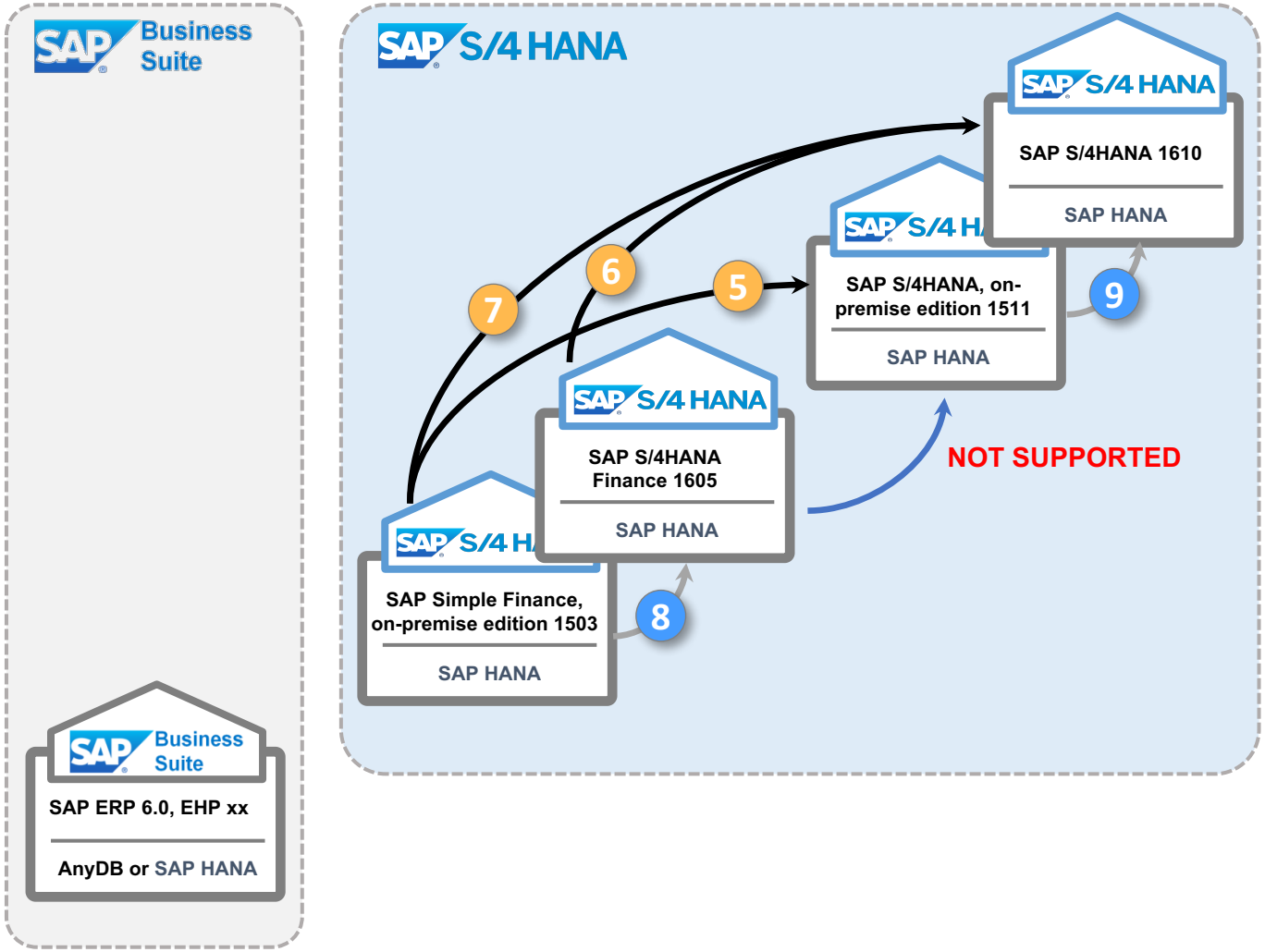
SAP S/4HANA

System Conversion – Transition Paths Overview



	Start Release	Target Release	Availability	Remarks
5	SAP Simple Finance, on-premise edition 1503	SAP S/4HANA, on-premise edition 1511	available since: Q4/2015	Installation of S4CORE Software
6	SAP S/4HANA Finance 1605	SAP S/4HANA 1610	available since: Q4/2016	Installation of S4CORE Software
7	SAP Simple Finance, on-premise edition 1503	SAP S/4HANA 1610	available since: Q4/2016	Installation of S4CORE Software
8	SAP Simple Finance, on-premise edition 1503	SAP S/4HANA Finance 1605	available since: Q2/2016	Installation of sFIN Software (**Upgrade**)
9	SAP S/4HANA, on-premise edition 1511	SAP S/4HANA 1610	available since: Q4/2016	Installation Software (**Upgrade**)

System Conversion from SAP Business Suite to SAP S/4HANA

System Conversion from SAP S/4HANA Finance to SAP S/4HANA

Upgrade within the SAP S/4HANA product family

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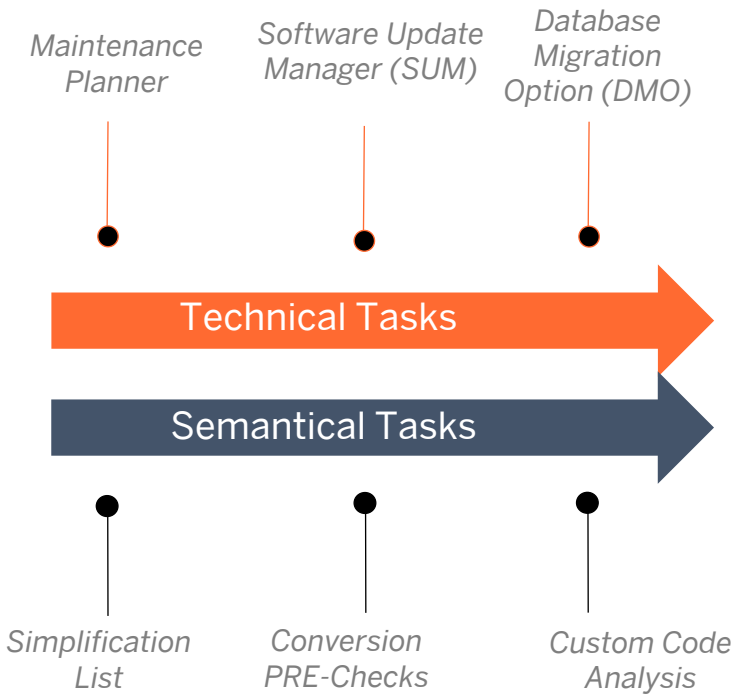
Tool based conversion approach

SAP Business Suite

SAP GUI

SAP ERP Core
Components (SD / MM / PP / ...)

Any DB / SAP HANA



SAP S/4HANA

(SAP GUI) SAP Fiori

SAP S/4HANA, on-premise edition

SAP HANA

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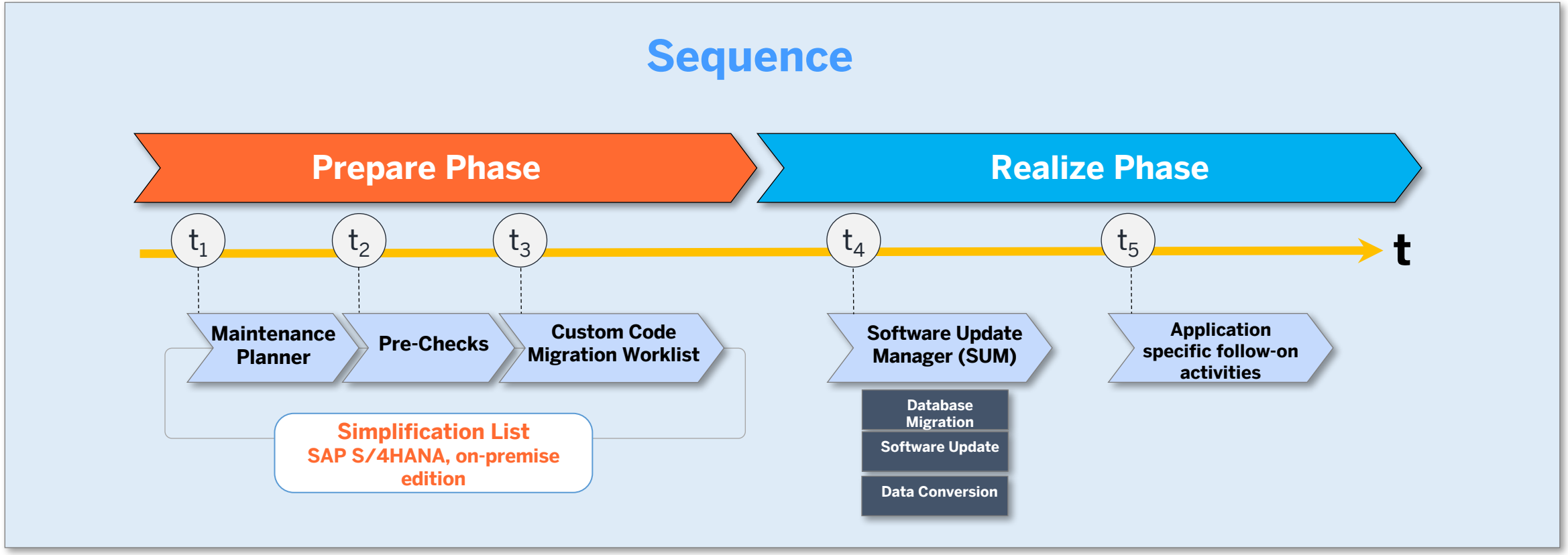
SAP S/4HANA – System Conversion



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S4HANA ROADMAP

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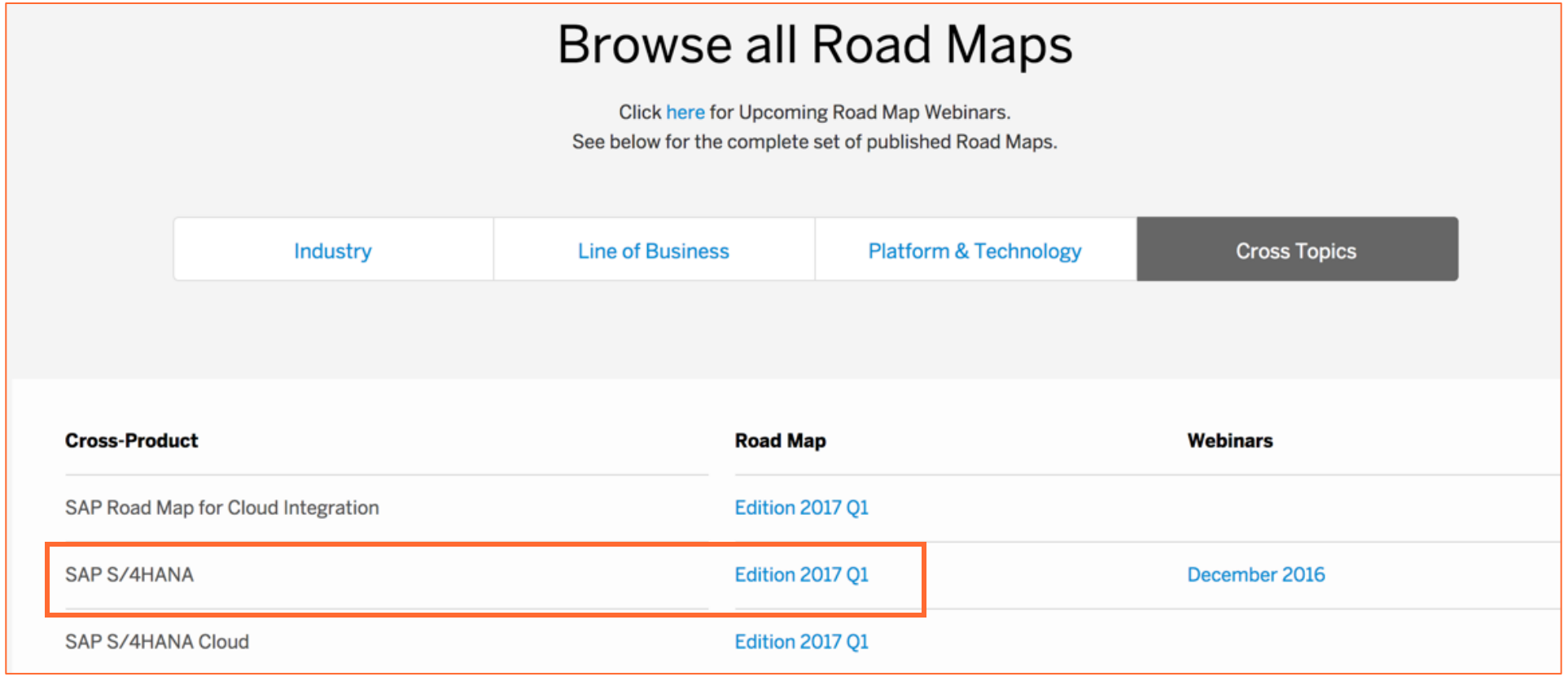

1610 FPS1 – Recent innovations* | 2017 – Planned innovations** | 2018 – Product direction** | 2019 – Product vision**

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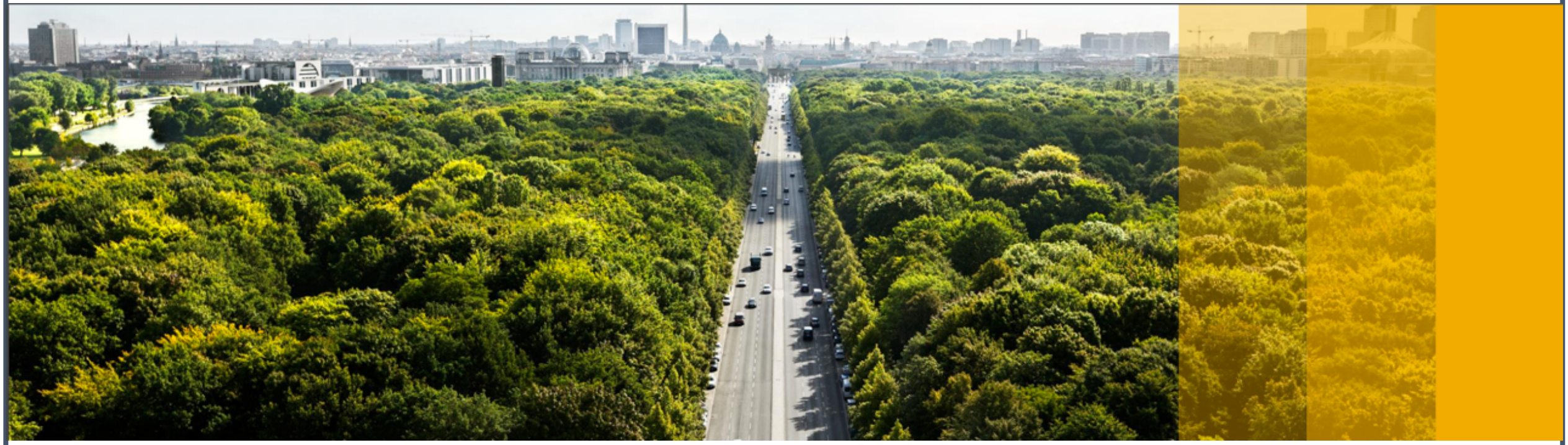

Obrigado

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