



Easing into S/4HANA: What to Do Now to Prepare for Tomorrow

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Gabe Mensching, Practice Lead, NIMBL
Session ID #ASUG82393

About the Speakers

Speaker Name

- Bryan Parrott, Practice Lead
- 10+ years SAP experience between consulting and the A&D industry.
- Out of my parent's three children, I am both the first child and the youngest child.

Speaker Name

- Gabe Mensching, Practice Lead
- 10+ years SAP experience in Basis, HANA and S/4HANA
- I've been working in technology in some way shape or form since age 16

Key Outcomes/Objectives

1. Provide guidance on planning and scoping the implementation of S/4HANA
2. Identify functional and technical updates to your current landscape that are required by S/4HANA but can be accomplished before the migration.

Agenda

- Scoping & Planning
- Technology Innovations
- Functional Innovations
- Lessons Learned
- Q&A and Wrap-Up

SCOPING AND PLANNING

Which Version?



SAP S/4HANA Cloud



**SAP S/4HANA Cloud,
single-tenant edition**

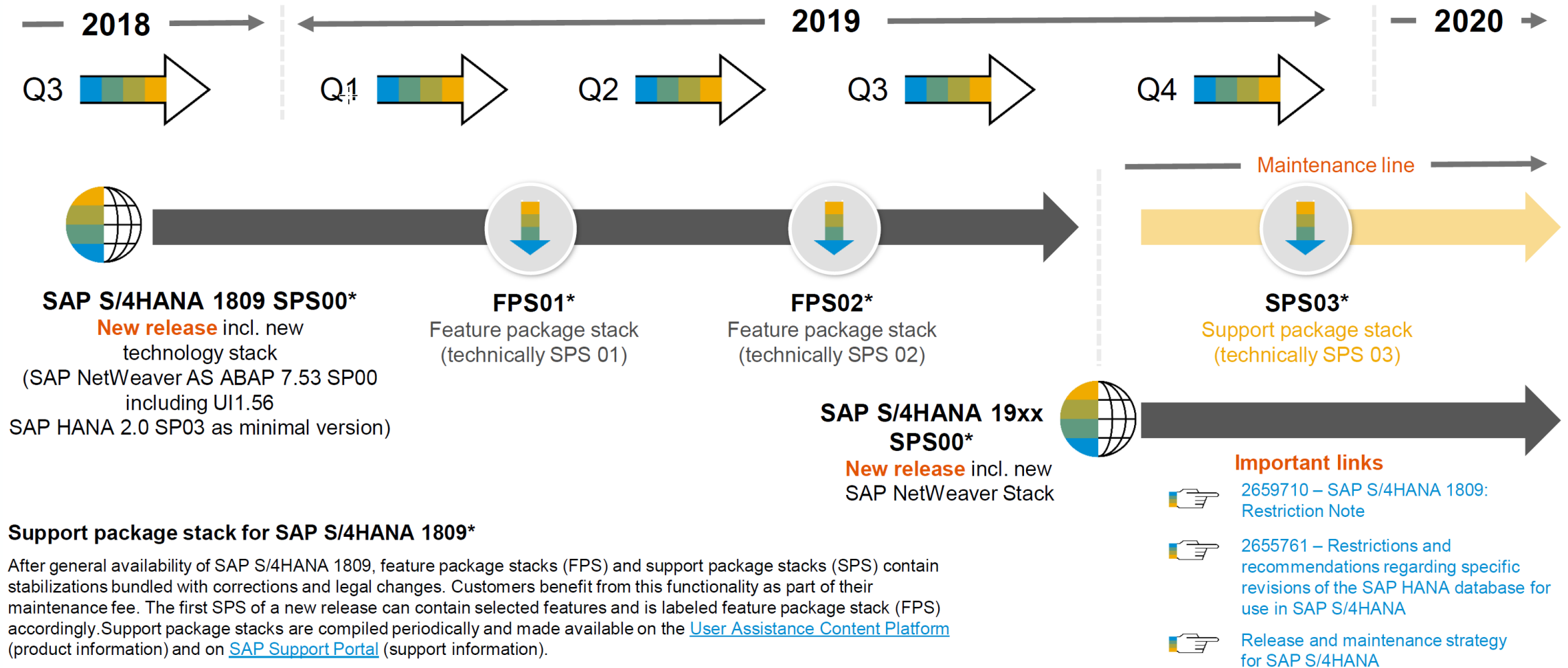


SAP S/4HANA*

Business Process	Standardized, core ERP	Flexible, ext. ERP	Customizable, ext. ERP
Innovation Lifecycle	Quarterly	Semi-annual	Annual, customer-led
TCO	Lowest	Lower	Higher
System Governance	SAP-led	Customer-influenced	Customer-led
IT Infrastructure	SAP, public	SAP, dedicated	Customer-managed
Customization	Within Standards	Within standards	Open to modifications
Extension	PaaS, SCP	PaaS, SCP	Open, SCP
System Delivery	New implementation	New implementation	New or ECC conversion

*Private cloud managed by SAP & On-premise managed by cloud providers or customers

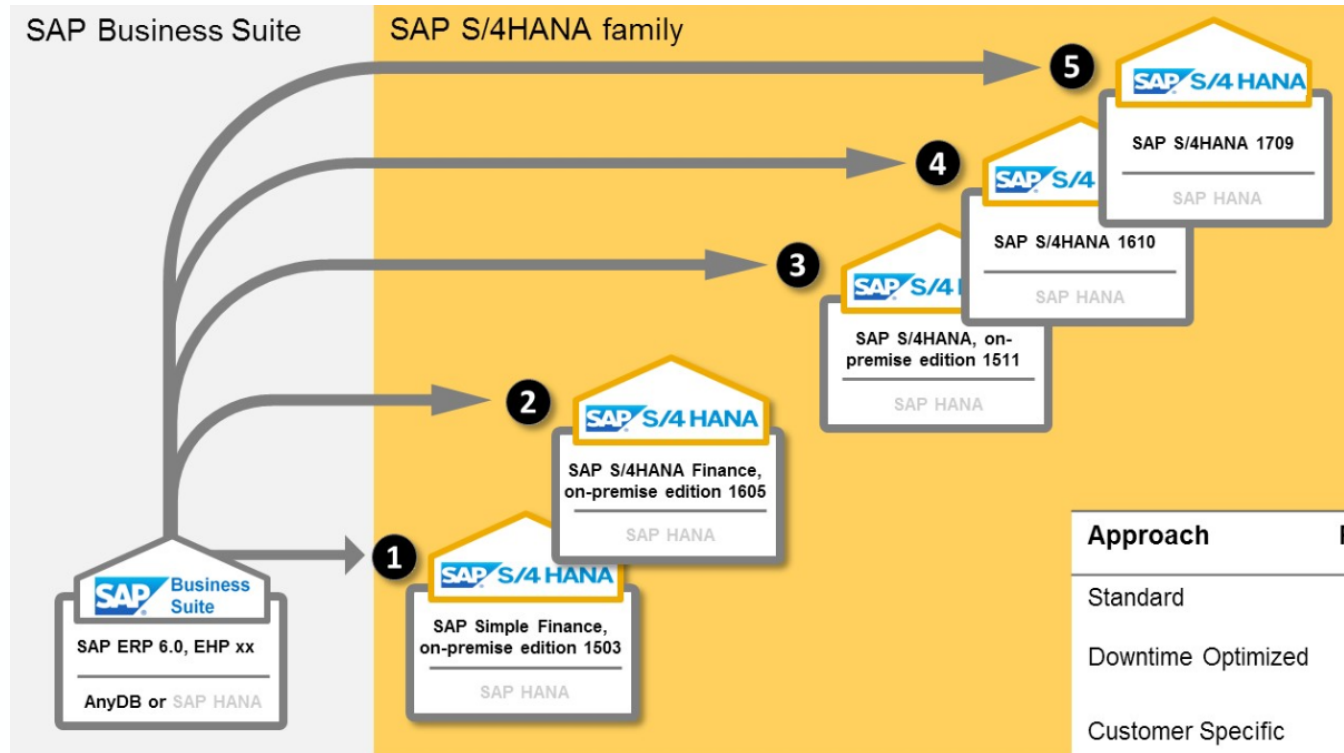
High Level Roadmap



Support package stack for SAP S/4HANA 1809*

After general availability of SAP S/4HANA 1809, feature package stacks (FPS) and support package stacks (SPS) contain stabilizations bundled with corrections and legal changes. Customers benefit from this functionality as part of their maintenance fee. The first SPS of a new release can contain selected features and is labeled feature package stack (FPS) accordingly. Support package stacks are compiled periodically and made available on the [User Assistance Content Platform](#) (product information) and on [SAP Support Portal](#) (support information).

System Conversion Paths



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

- **Standard approach**
uses Software Update Manager (SUM)
- **Downtime Optimized approach**
uses SUM and reduces downtime by moving data conversion partly to uptime
- **Customer specific approach**
allows further reduction of downtime based on a service project

Approach	Path:	1	2	3	4	5		
Standard		✓	✓	✓	✓			
Downtime Optimized		-	piloted	piloted	piloted	planned		
Customer Specific		✓	✓	-	available	planned	Effort	Downtime

One-Step-procedure

- For older SAP Business Suite releases or systems on Non-Unicode an additional step to SAP ERP 6.0 EHPxx is required.
- System has to be an AS ABAP-only system. Dual-stack systems (AS ABAP and AS Java combined in one system) are not supported for the conversion. If your system is a dual-stack system, you have to split it before doing the conversion.

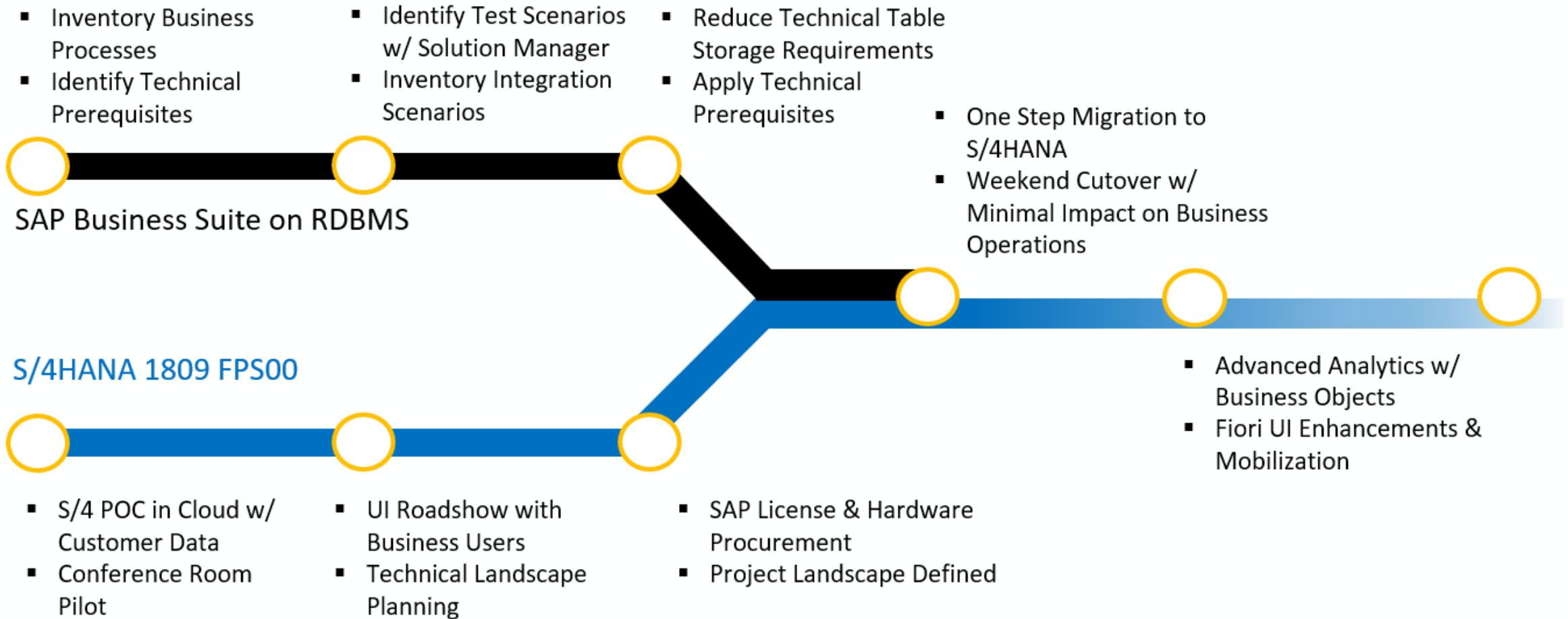
Migration Path Notes

- Is it technically possible to convert to Business Suite on HANA & S/4HANA in one weekend?
 - Yes, technically possible if we're Unicode. Is it viable?
 - What about downtime, data conversion, business validation?
- During the migration to Business Suite on HANA we can convert to Unicode
 - Unicode conversion in one step to S/4HANA is not supported
 - Unicode conversion and upgrade to ERP6 EHP8 is not supported
 - ERP6 EHP7 is the last release to support the SUM DMO Unicode conversion

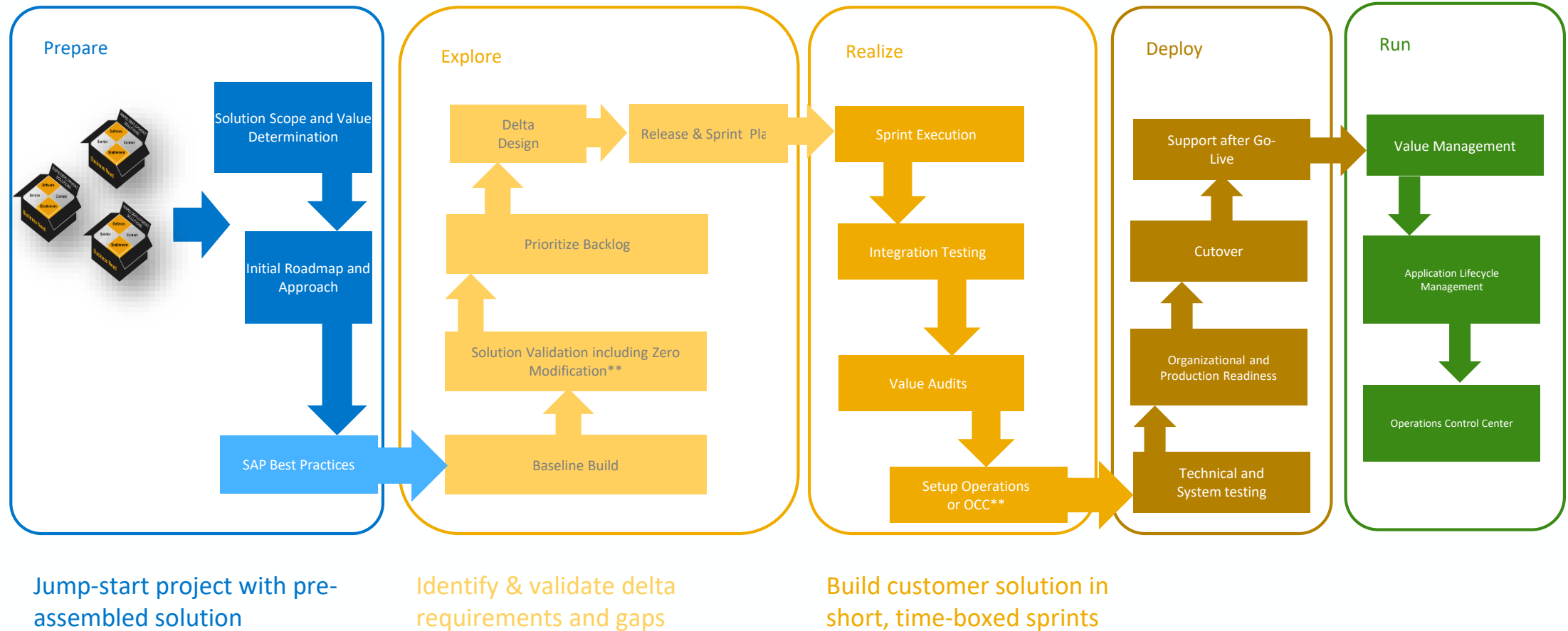
Which S/4HANA?

- S/4HANA Finance 1605 (Formerly Simple Finance 2.0)
 - S/4HANA Finance Installed as add-on to ERP6 EHP8 on HANA
 - Reduced forced change to business processes
 - Latest release= 1605 SP06 (Feb 2017)
 - Last S/4HANA Finance only release; End of Maintenance in 2020
- S/4HANA 1610 (October 2016)
 - Catch up release for Finance
 - Table simplification for Logistics (SD, MM, WM)
 - Forced process change (examples)
 - Convert Customers/Vendors to Business Partners
 - Migrate to SAP Credit Management vs ERP Credit & Collections
- S/4HANA 1709 (September 2017)
- S/4HANA 1809 (September 2018)
 - Simplification List Published!
 - <https://launchpad.support.sap.com/#/sic>

2019 Roadmap to S/4HANA

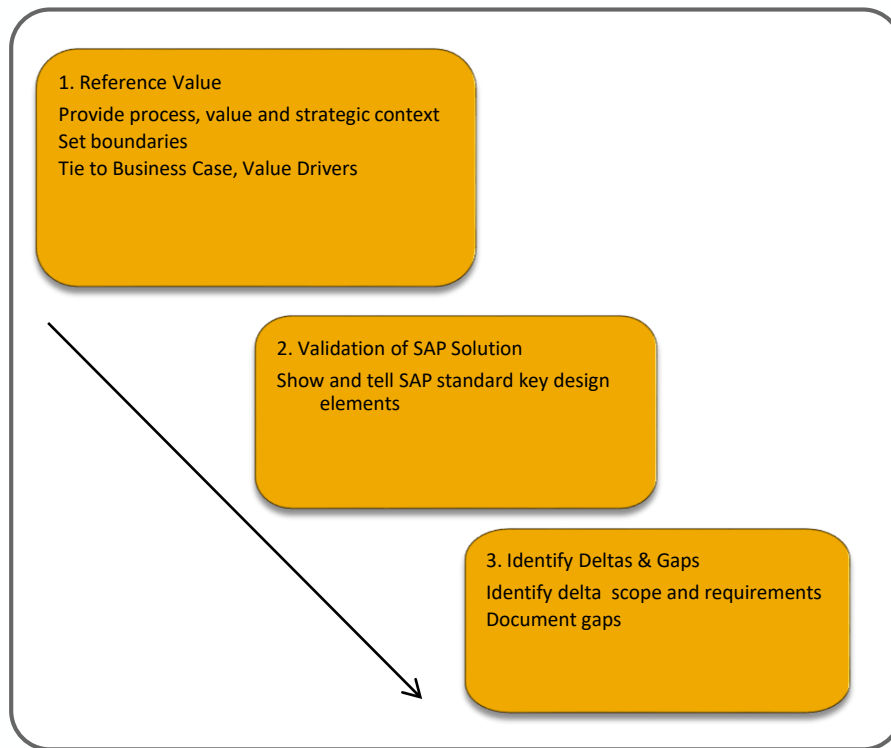


SAP Activate



Solution Validation

Workshop A Solution Validation

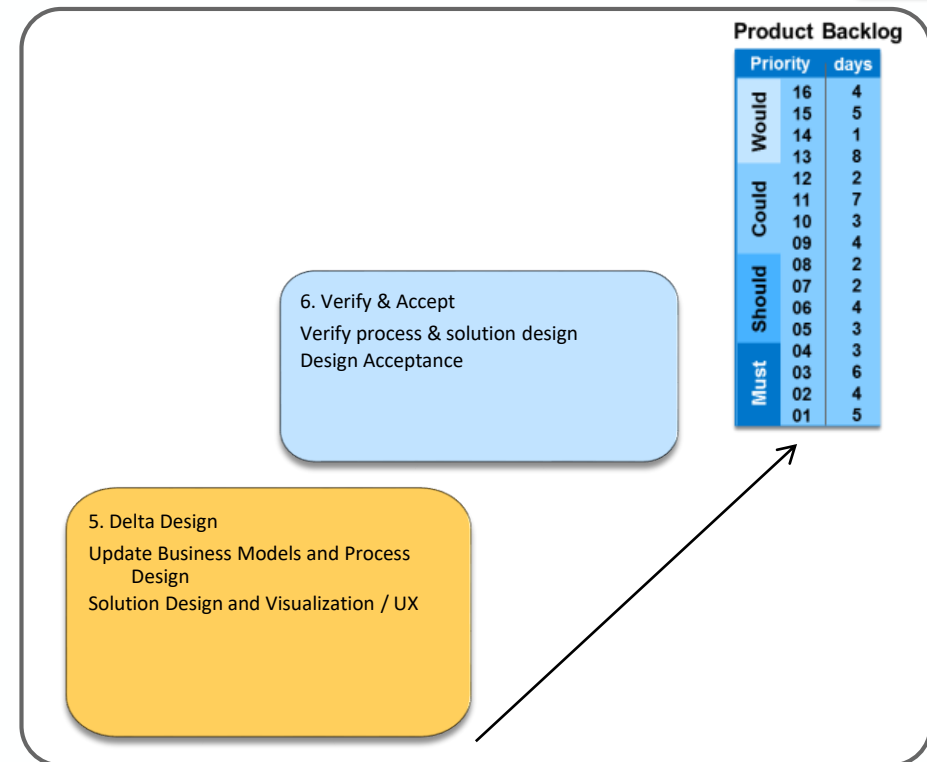


Initial Backlog

Priority		[d]
Would	16	4
	15	5
	14	1
	13	8
Could	12	2
	11	7
	10	3
	09	4
Should	08	2
	07	2
	06	4
	05	3
Must	04	3
	03	6
	02	4
	01	5

4. Delta Scope
Prioritization

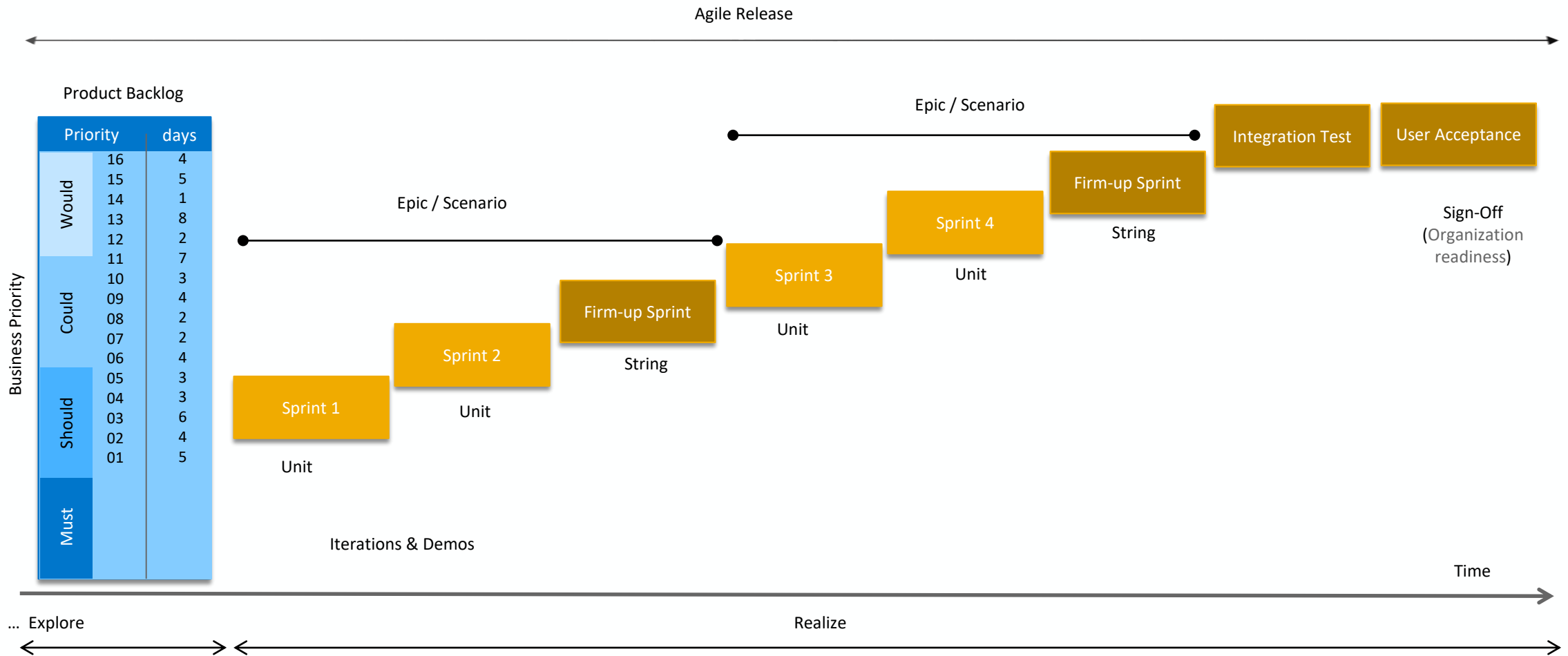
Workshop B Delta Design



Product Backlog

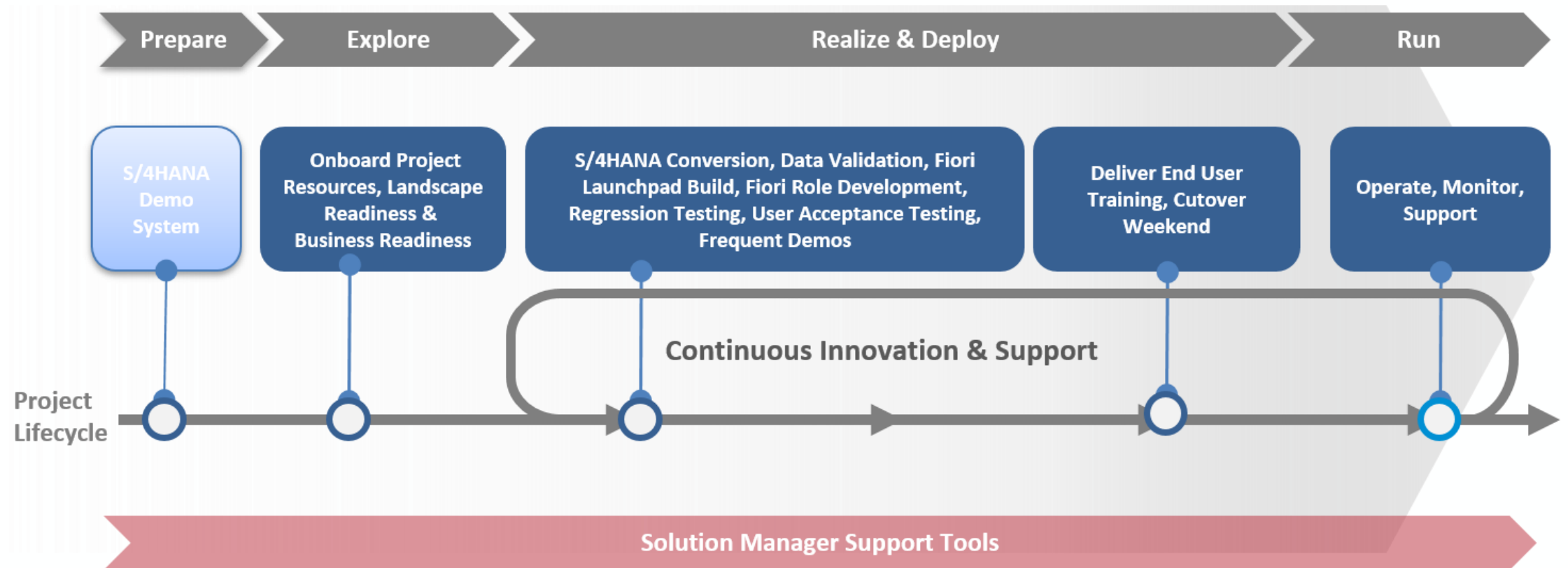
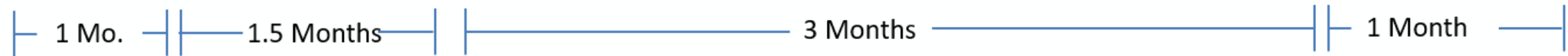
	Priority	days
Would	16	4
	15	5
	14	1
	13	8
Could	12	2
	11	7
	10	3
	09	4
Should	08	2
	07	2
	06	4
	05	3
Must	04	3
	03	6
	02	4
	01	5

Upgrades Evolved

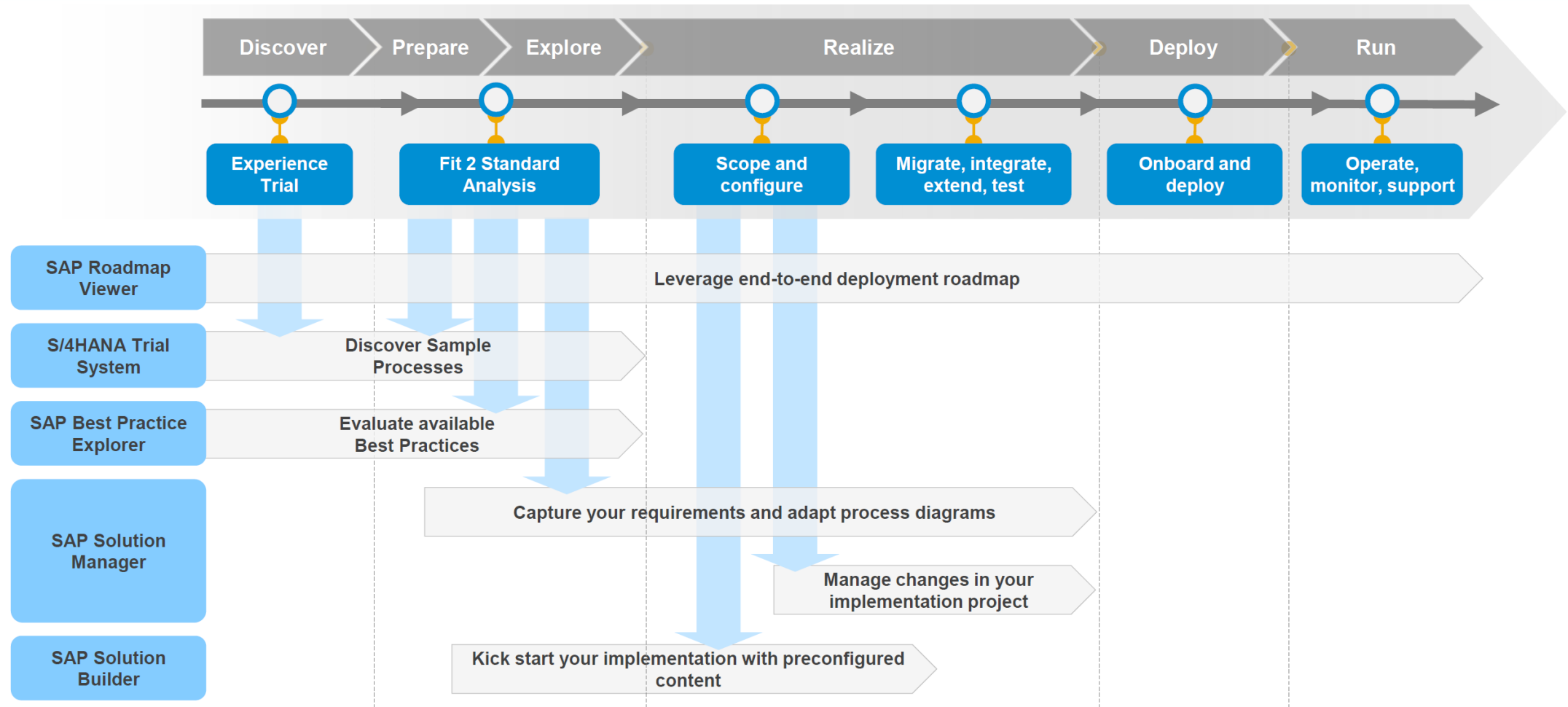


Example Timeline

SAP Activate for S/4HANA Conversion



Tools within SAP Activate for S/4HANA



SAP Cloud Appliance Library

- <http://cal.sap.com>
- SAP Provided application Images for customer user
- Activate in AWS or MS Azure
- Pay-per-hour or prepay
- Utilize for conference room pilots
- Explore solutions before purchasing
- Connect to your on-premise systems

The screenshot displays the SAP Cloud Appliance Library (CAL) interface. On the left, a navigation menu includes 'Solutions', 'Instances', 'Accounts', and 'Users'. The main content area shows a list of solutions filtered to 7 of 53, with a dropdown menu set to 'S/4HANA'. The list includes:

- SAP S/4HANA Chemicals trial with industry best practices 1511 FPS01 (SAP SE, Amazon Web Services, Microsoft Azure (Classic), Available)
- SAP NetWeaver AS Java 7.5 on SAP ASE 16.0 (SAP SE, Amazon Web Services, Microsoft Azure (Classic), Locked)
- SAP S/4HANA 1610 (SAP SE, Amazon Web Services, Microsoft Azure (Classic), Available)



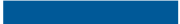




























A modal window provides details for the 'SAP S/4HANA 1610, Fully-Activated Appliance'. It states: 'This fully activated appliance provides a pre-installed SAP S/4HANA 1610 (FPS 00), including pre-activated SAP Best Practices content and sample data. It let's you explore pre-configured business processes in a simplified user experience with SAP Fiori.' The publisher is SAP SE, and it is available in Amazon Web Services, Microsoft Azure (Classic). The status is 'Available'.

Below the modal, the 'RECOMMENDED VM SIZES' table is shown:

Cloud Provider	Virtual Machine	Size	Required
Amazon Web Services	SAP BusinessObjects BI Platform	r3.xlarge (4 cores, 30.5GB memory)	No
	SAP S/4HANA 1610 (based on SAP Netweaver AS ABAP 7.51)	r3.8xlarge (32 cores, 244GB memory)	Yes
	SAP NetWeaver 7.50 AS JAVA with Adobe Document Services	r3.xlarge (4 cores, 30.5GB memory)	Yes
	Windows Remote Desktop	m3.xlarge (4 cores, 15GB memory)	No
	SAP BusinessObjects BI Platform	A6 (4 cores, 28GB memory)	No
Microsoft Azure (Classic)	SAP S/4HANA 1610 (based on SAP Netweaver AS ABAP 7.51)	H16m (16 cores, 224GB memory)	Yes
	SAP NetWeaver 7.50 AS JAVA with Adobe Document Services	A6 (4 cores, 28GB memory)	Yes
	Windows Remote Desktop	D3 (4 cores, 14GB memory)	No

The 'RELATED ACCOUNTS' section shows a table with columns: Account Name, Cloud Provider, Cloud Provider ID, and Status. It notes 'No available data'.

Business Scenarios Recommendations

SAP Business Scenario Recommendations for SAP S/4HANA		... provided by SAP support				
Sample Inc. High Tech	OVERVIEW	EXECUTIVE SUMMARY	BUSINESS SCENARIOS RECOMMENDATIONS	HOW TO IMPLEMENT	NEXT STEPS	FURTHER INFORMATION
Executive Summary – Top Recommendations						
SAP S/4HANA simplifies and accelerates key business scenarios with in-memory technology. The table below shows the business scenarios in your system that could be simplified or improved and impact your business value.						
LINES OF BUSINESS	BUSINESS SCENARIO			RELEVANCE FOR YOU		IMPROVED / RELEVANT TRANSACTIONS
Supply Chain	Basic Warehouse Management		Simplified 		100%	114
Finance	Cost Management		Simplified 		95%	87
Finance	General Ledger		Simplified 		91%	59
Finance	Accounts Receivable		Simplified 		86%	43
Finance	Profitability and Cost Analysis		Simplified 		81%	38
Finance	Asset Accounting		Simplified 		76%	35
Sourcing & Procurement	Purchase Order Processing		Simplified 		72%	31
Services	Technical Assets, Structures, History				67%	25
Finance	Accounts Payable		Simplified 		62%	27
Services	Service Execution and Delivery				62%	23
Sourcing & Procurement	Procurement Analytics		Simplified 		58%	18
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How Do I Run a BSR?

- Download data from ST03N
- More data is better
- Submit via web
 - <http://s4hana.com>
- Results in five days
- No cost

SAP Business Scenario Recommendations for SAP S/4HANA ... provided by SAP support

Sample Inc. High Tech OVERVIEW EXECUTIVE SUMMARY BUSINESS SCENARIOS RECOMMENDATIONS HOW TO IMPLEMENT NEXT STEPS FURTHER INFORMATION

Executive Summary – Top Recommendations

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Services	Technical Assets, Structures, History			67%	25
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Services	Service Execution and Delivery			62%	23
Sourcing & Procurement	Procurement Analytics		Simplified	58%	18

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SAP S/4HANA Readiness Check

SAP Readiness Check for SAP S/4HANA - Simplification Item Check

Simplification Item Check Options

Target SAP S/4HANA Version: SAP S/4HANA 1709 [Initial Shipment Stack]

☐ New Check in On-line Mode

☐ New Check in Batch Mode

☒ Display Results

☐ Display Details

SAP

Check Consistency for All | Check Details for Selected Items | Display Consistency Check Log | Apply/Revoke Exemption | Display Exemption Log

Simplification Item List

Application Area	ID	Title	Component	Category	Relevance	Last Consist	Exemption P	Note	Summary
Master Data	SI2: MasterData_BP	S4TWL - Business Partner Approach	LO-MD-BP	Change of existing functionality	▲	●	✖	2265093	Check performed, item is pro
Logistics - PP	SI2: Logistics_PP-MRP	S4TWL - Storage Location MRP	PP-MRP	Functionality unavailable (equivalent exists)	▲	●	✖	2268045	Check performed, item is pro
Industry DIMP - High Tech	SI3 IS_DIMP_HT	S4TWL - Contract Management Enhancements	IS-HT-SW-CM	Functionality unavailable (no equivalent)	▲	●	▲	2270850	Check performed, item is pro
Master Data	SI5: MasterData_PM	S4TWL - Simplification of copy/reference handling	LO-MD-MM	Change of existing functionality	▲	●	✖	2330063	Check performed, item is pro
Industry DIMP - Aerospace & Defense	SI6: Industry_DIMP_AD	S4TWL - Enhancements Subcontracting Special Stock Types Not Av	IS-ADEC,IS-ADEC-SUB	Functionality unavailable (no equivalent)	▲	●	▲	2270839	Check performed, item is pro
Logistics - MM-IM	SI1: Logistics_MM-IM	S4TWL - DATA MODEL IN INVENTORY MANAGEMENT (MM-IM)	MM-IM-GF	Change of existing functionality	▲	▲	✖	2206980	Check performed, item is pro
Logistics - MM-IM	SI3: Logistics_MM-IM	S4TWL - Material Ledger Obligatory for Material Valuation	MM-IM-GF-VAL	Change of existing functionality	▲	▲	✖	2267834	Check performed, item is pro
Financials - Miscellaneous	SI6: FIN_MISC_ML	S4TWL - Conversion to S/4HANA Material Ledger and Actual Costing	FIN-MIG-ML	Change of existing functionality	▲	▲	✖	2352383	Check performed, item is pro
Industry DIMP - High Tech	SI11 IS_DIMP_HT	S4TWL - RosettaNet	IS-HT-RN	Functionality unavailable (no equivalent)	▲	■	✖	2383076	Check performed, item is pro
Industry DIMP - EC&O	SI1 ECO_ETM_GENERAL	S4TWL - ETM General	IS-ADEC-ETM	Non-strategic-function (no equivalent yet)	▲	■	✖	2326777	Check performed, item is pro
Sales & Distribution	SI2: SD_PRIC	S4TWL - Data Model Changes in SD Pricing	SD-BF-PR,SD-MD-CM	Change of existing functionality	▲	■	✖	2267308	Check performed, item is pro
Industry DIMP - Aerospace & Defense	SI4: Industry_DIMP_AD	S4TWL - Flight Scheduling	IS-ADEC	Functionality unavailable (no equivalent)	▲	■	✖	2270837	Check performed, item is pro
Master Data	SI6: MasterData_PM	S4TWL - Foreign Trade fields in Material Master	LO-MD-MM	Functionality unavailable (equivalent exists)	▲	■	✖	2267225	Check performed, item is pro
Industry DIMP - High Tech	SI6 IS_DIMP_HT	S4TWL - User Exits in DRM	IS-HT-DRM	Functionality unavailable (no equivalent)	▲	■	✖	2270853	Check performed, item is pro
Industry DIMP - Aerospace & Defense	SI8: Industry_DIMP_AD	S4TWL - AECMA SPEC 2000M Military Version	IS-ADEC,IS-ADEC-SPC	Functionality unavailable (equivalent exists)	▲	■	✖	2270840	Check performed, item is pro
Logistics - PS	SI10 Logistics_PS	S4TWL - Simplification of Date Planning Transactions	PS-DAT	Non-strategic-function (equivalent exists)	▲	✖	✖	2267188	Check performed, item is pro
Financials - Controlling	SI11: FIN_CO	S4TWL - Summarization Hierarchies in Controlling	CO-PC-IS	Change of existing functionality	▲	✖	✖	2349282	Check performed, item is pro
Logistics - PP	SI11: Logistics_PP	S4TWL - MRP in HANA	PP-MRP	Non-strategic-function (equivalent exists)	▲	✖	✖	2268085	Check performed, item is pro
Logistics - PP	SI12: Logistics_PP	S4TWL - Planning File	PP-MRP,PP-MP-LTP	Change of existing functionality	▲	✖	✖	2268088	Check performed, item is pro
Logistics - PLM	SI13: Logistics_PLM	S4TWL - Variant Configuration	LO-VC	Change of existing functionality	▲	✖	✖	2267873	Check performed, item is pro

SAP S/4HANA Online Readiness Check

SAP Readiness Check for SAP S/4HANA Analysis Overview for Test Review

Test Review Open Critical Information

Customer Number: 33018 Created By (ID): D053442 Created At: 4/5/2017 10:39:04 AM Custom Code Source System: ERQ0002 Target S/4HANA Product Version: SAP S/4HANA 1610
Customer Name: SAP AG Created By (Name): Laura Hoeltgen Source: Manual Upload Analyzed System: XTQ Target S/4HANA Stack: 01 (02/2017) FP

Custom Code Analysis

Usage of functionality not supported any more: 49

Semantically incompatible change: 3

Syntactically incompatible change: 17

Change with performance impact: 1

Add-On Compatibility

Updated 1 day(s) ago Open

Active Business Functions

Updated 1 day(s) ago

Custom Development Projects

Name	Size
SAP SE - Fiori	Large
SAP - PLM	Medium
SAP - ERP	X-Large

Showing 3 of 13

Simplification Items

96 Total Relevant Items

Legend:

- Functionality unavailable (no equivalent)
- Functionality unavailable (equivalent on roadmap)
- Functionality unavailable (equivalent exists)
- Non-strategic-function (equivalent exists)
- Non-strategic-function (no equivalent yet)
- Change of existing functionality

ECD

Custom Code Source System: ECD Database System Type: Unicode: Operating System Version: SAP Kernel Release:

General Statistics:

Total SAP Notes: 220 Total Custom Code Objects: 1678
Relevant SAP Notes: 21 Total Modifications: 121
Non-Relevant SAP Notes: 199

Custom Code Analysis Next Steps and Further Information

Show Description

Custom Code Topic	SAP Note Number	Status	Estimated Impact
S/4 HANA: Data Model Changes in SD	2198647	Syntactically incompatible change of existing functionality	Low
Material Inventory Management: change of data model in S/4HANA	2206980	Syntactically incompatible change of existing functionality	Low
Sales support not available	2214585	Syntactically incompatible change of existing functionality	Low
Material Number Field Length Extension - General Information	2215424	Syntactically incompatible change of existing functionality	Low
S/4 HANA: Data Model Changes in Pricing and Condition Technique	2220005	Syntactically incompatible change of existing functionality	Medium
Deprecation of selected PS ITS services : Confirmation and project documents	2225846	Functionality not available	Low
SAP S/4 HANA Simplification Item: Public Sector specific fields in Business Partner	2226131	Semantically incompatible change of existing functionality	Low
SAP S/4HANA Simplification Item: Miscellaneous minor deprecations in SD Area	2228098	Syntactically incompatible change of existing functionality	Low
SAP S/4 HANA custom code adaption - removal of orphaned objects	2296016	Functionality not available	Low

Legend: Packages with Customer Objects

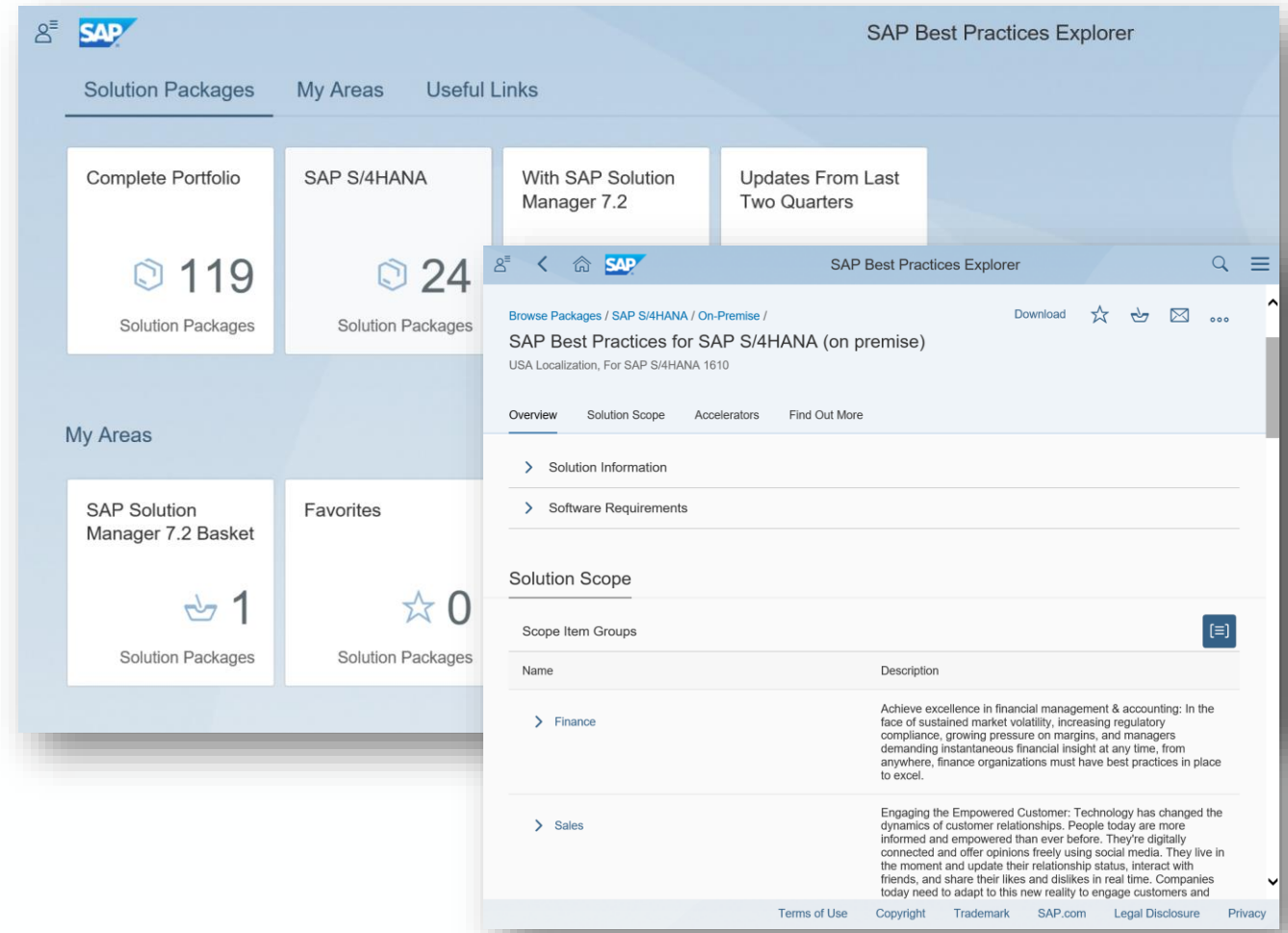
Contact Us Share Your Feedback About the Launchpad Status Terms of Use Copyright and Trademarks Legal Disclosure Privacy

SAP S/4HANA Readiness Check

- <https://launchpad.support.sap.com/#readiness>
- Update the where used index in Production or a Production copy.
 - Execute report SAPRSEUB as background job. For more details see SAP Note 2234970.
 - This can take some time....
- Implement these notes
 - Implement SAP Note 2462288 to collect the HANA sizing data.
 - Implement SAP Note 2399707 to collect the simplification item relevance.
 - Implement SAP Note 2443236 to collect the business process analytics analysis.
 - Implement SAP Note 2185390 as a prerequisite note.
 - Implement SAP Note 2568736 Implement SAP Note 2310438

SAP Best Practice Explorer

- <https://rapid.sap.com/bp>
- Process Templates
- Project Accelerators
- Configuration Guides
- Process Flow Diagrams
- Integrated with Solution Manager 7.2



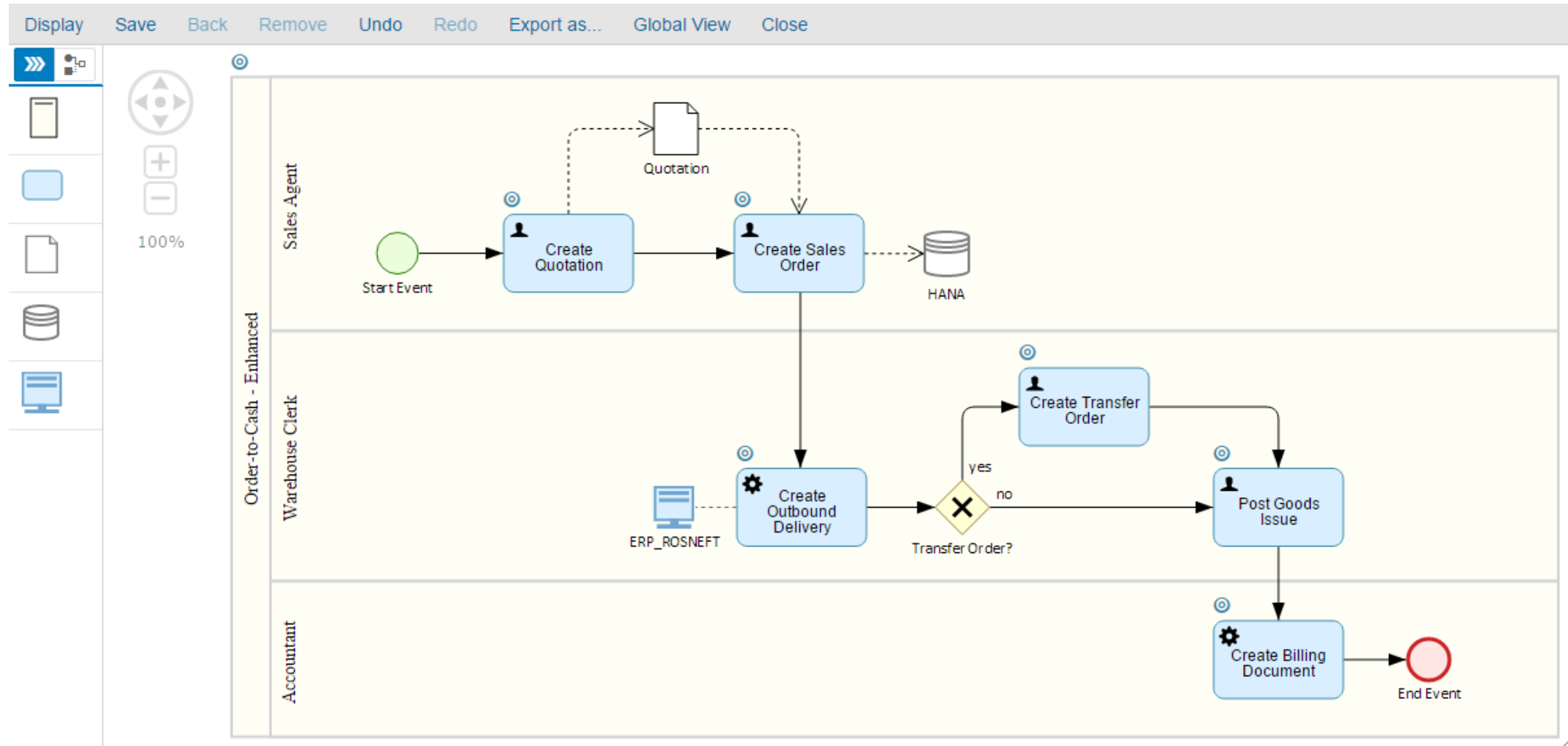
Solution Manager 7.2 - Look & Feel

- Solution Documentation
- S4HANA Process Templates
- Organized
 - By Role
 - By System
- Searchable
- Web Based

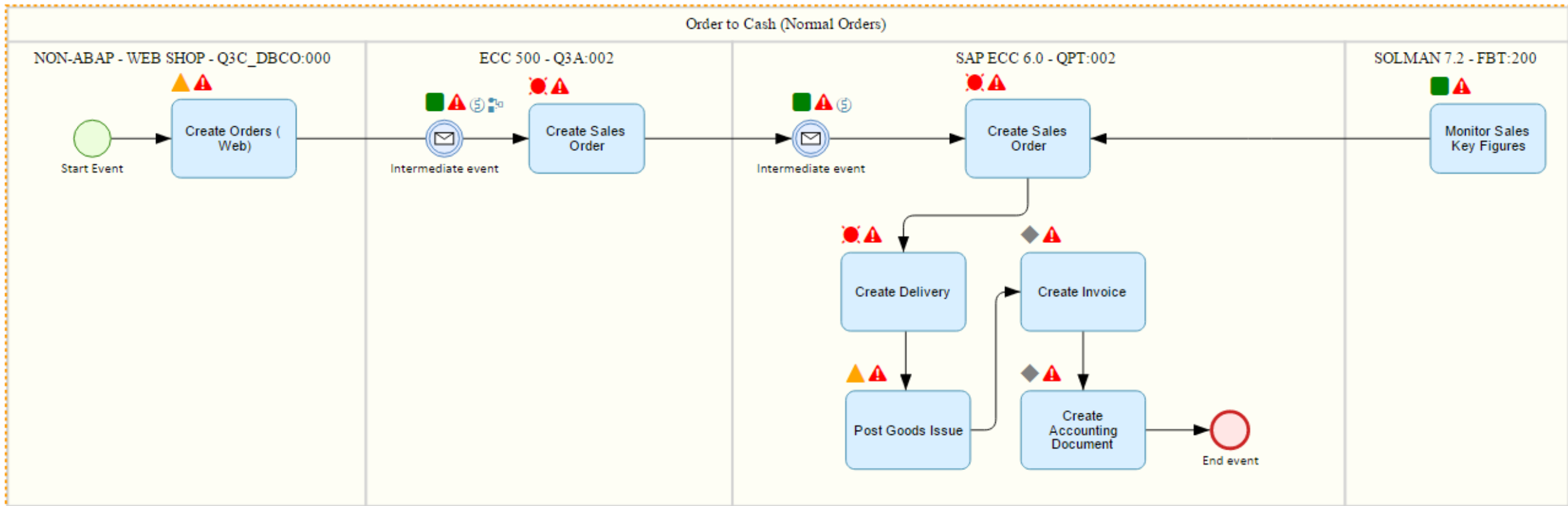
The screenshot displays the SAP Solution Manager 7.2 interface. At the top, there are tabs for 'Column Browser', 'Graphical Browser', 'List', 'Search Result', and 'Where-Used List'. Below these, a breadcrumb trail reads: 'Solution > Business Processes > End-to-End Processes > Order-to-Cash > Order-to-Cash - Enhanced'. The main area is divided into four panes. The first pane on the left is labeled 'Processes' and contains a list of process templates: 'Order-to-Cash', 'Procure-to-Pay', 'Make-to-Stock', and 'Assemble-to-Order'. The second pane is labeled 'Processes' and contains a list of process variants: 'Order-to-Cash - Standard', 'Order-to-Cash - Rush Order', and 'Order-to-Cash - Enhanced'. The third pane is labeled 'Process Documentation' and contains a list of documentation items: 'Create Billing Document', 'Post Goods Issue', 'Create Outbound Delivery', 'Create Quotation', 'Replicate', 'Create Sales Order', and 'Create Transfer Order'. The fourth pane is a table titled 'Elements of Order-to-Cash - Enhanced' with columns 'Group', 'Name', and 'Type'. The table contains the following data:

Group	Name	Type
Diagrams	OTC Enhanced End User View	Process Diagram
Diagrams	OTC Enhanced System View	Process Diagram
Diagrams	OTC Enhanced Monitoring	Process Diagram
Process Links	Cause-based Time Recording	Process <Link>
Documentation	OTC Process Description	Document (Best Practice)
Configuration	Order-to-Cash - Standard	Configuration Unit <Ref.>

Process - Role View



Process - System View



Jumpstarting Process Documentation

The screenshot displays the SAP NIMBL LLC - Development interface. The main window shows the 'Z_ERP_ECC_60' library structure, which includes folders for PPM, EC, SV, EHS, PE, CO, IS-PRS, PY, KM, and BC. The 'CO' folder is selected, showing its contents: CO-OM, CO-PA, and CO-PC.

Overlaid on the left is the 'Schedule Library Generation' dialog box. It contains the following fields and options:

- Library:**
 - * Library: Development
 - * Logical Component Group: Z_ERP_ECC_60
 - * Branch: Development
- Source:**
 - * System Role: Development System
 - System: ED1:800
- Options:**
 - Job Period:
 - ☒ Once (Immediate)
 - ☐ Daily
 - ☐ Weekly
 - ☐ Monthly
 - ☒ Extend Library
 - ☒ Refresh Library

The main window also displays a table of objects:

Name	Object	Logical Component Group	Type
BAdI Class CL_EX_QISR1	CL_EX_QISR1	Z_ERP_ECC_60	Classes/Interface <Dev.Orig.>
Imp. Class for BAdI-Imp. QISR_SR63	CL_IM_QISR_SR63	Z_ERP_ECC_60	Classes/Interface <Dev.Orig.>
Imp. Class for BAdI Imp. QISR_SPS2MPO	CL_IM_QISR_SPS2MPO	Z_ERP_ECC_60	Classes/Interface <Dev.Orig.>
ISR: XML Interface	QISR2	Z_ERP_ECC_60	Function Group <Dev.Orig.>
ISR: Interface for Web Objects	QISR10	Z_ERP_ECC_60	Function Group <Dev.Orig.>
ISR: IAC Dialog Transactions	QISR3	Z_ERP_ECC_60	Function Group <Dev.Orig.>
ISR: General Access Modules	QISR9	Z_ERP_ECC_60	Function Group <Dev.Orig.>

TECHNOLOGY INNOVATIONS

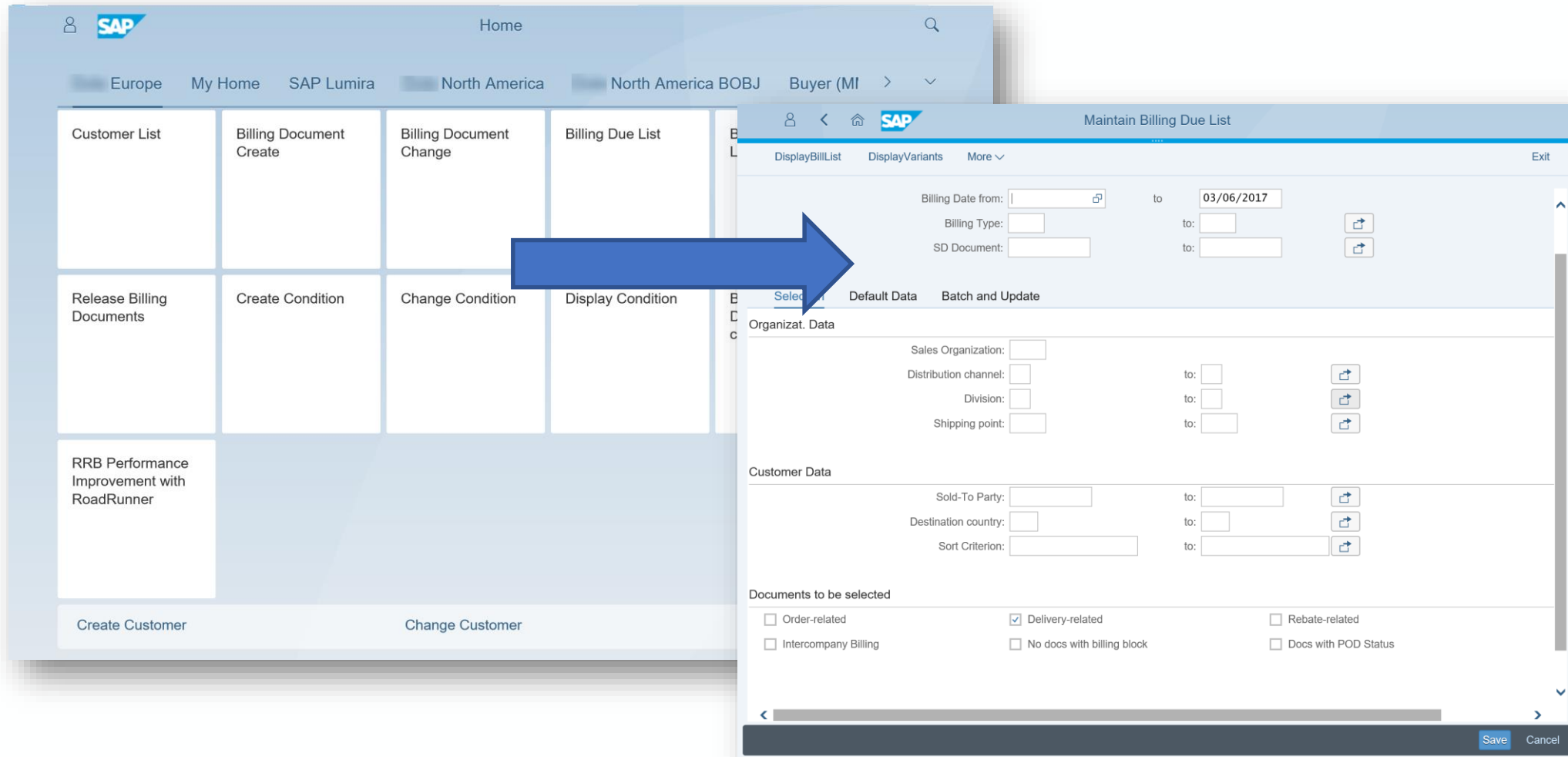
Implement HANA Now!

- Migrate non-ECC systems to HANA (BW, SolMan, etc.)
 - Gain experience with HANA with less business impact
- Migrating your current ECC system to HANA provides the benefits of running SAP on HANA while minimizing the end user impact in the short term.
 - This is a critical first step to being on S/4HANA.
 - Allows you to perform required tasks such as Unicode conversions and upgrades to minimum package levels as part of the migration project.

Implement HANA Now!

- Create an Enterprise Data Warehouse that runs on HANA and replicates data from multiple sources
 - Provides the benefits of real time reporting in your current environment
 - Allows the development and infrastructure teams to work become familiar with HANA over time

SAP Fiori 2.0 & SAP GUI HTML



SAP Fiori 2.0 & SAP GUI HTML

- Seamless transition to SAP GUI t-codes
- Standard SAP transactions will appear in the Belize theme by default
- Opens additional tab within the browser
- Not mobile enabled by default
- SAP Easy Access Menu is disabled
- Fiori Tiles are configured – not developed

*No Fiori Development experience needed

The screenshot displays the 'Maintain Billing Due List' application in the SAP Fiori interface. The top navigation bar includes the SAP logo and the title 'Maintain Billing Due List'. Below the navigation bar, there are tabs for 'DisplayBillList', 'DisplayVariants', and 'More'. The main content area is divided into several sections: 'Billing Date from' and 'to' (with a date picker set to 03/06/2017), 'Billing Type', and 'SD Document'. Below these are tabs for 'Selection', 'Default Data', and 'Batch and Update'. The 'Selection' tab is active, showing 'Organizat. Data' with fields for 'Sales Organization', 'Distribution channel', 'Division', and 'Shipping point'. Below this is 'Customer Data' with fields for 'Sold-To Party', 'Destination country', and 'Sort Criterion'. At the bottom, there is a section for 'Documents to be selected' with checkboxes for 'Order-related', 'Intercompany Billing', 'Delivery-related' (checked), 'No docs with billing block', 'Rebate-related', and 'Docs with POD Status'. The interface is clean and modern, with a blue header and a dark blue footer containing 'Save' and 'Cancel' buttons.

SAP Fiori 2.0 & SAP GUI HTML

- Allows your end users the ability to become comfortable with Fiori. This is especially true for Fiori applications that completely replace t-codes in SAP GUI.
- You can roll out new applications when you'd like, not when you have to because of the conversion.
- Provides the ability to pull the security work for Fiori forward instead of requiring it as part of the S/4HANA migration project.

The screenshot displays the 'Maintain Billing Due List' application in SAP Fiori. The interface features a top navigation bar with the SAP logo and a title bar. Below the navigation bar, there are tabs for 'DisplayBillList', 'DisplayVariants', and 'More'. The main content area is divided into several sections: 'Billing Date from' and 'to' (with a date of 03/06/2017), 'Billing Type', and 'SD Document'. Below these are tabs for 'Selection', 'Default Data', and 'Batch and Update'. The 'Selection' tab is active, showing 'Organizat. Data' with fields for 'Sales Organization', 'Distribution channel', 'Division', and 'Shipping point'. Below this is 'Customer Data' with fields for 'Sold-To Party', 'Destination country', and 'Sort Criterion'. At the bottom, there is a section for 'Documents to be selected' with checkboxes for 'Order-related', 'Intercompany Billing', 'Delivery-related' (checked), 'No docs with billing block', 'Rebate-related', and 'Docs with POD Status'. A 'Save' button and a 'Cancel' button are located at the bottom right of the interface.

WHAT CAN YOU DO NOW?

Customer Vendor Integration to Business Partners

- In S/4HANA, the use of Business Partners becomes mandatory
- Allows for master data to be managed centrally as one business partner can have multiple roles (Customer, Vendor, etc.)
- Requires conversion of all existing business relationships in SAP via Customer Vendor Integration

Customer Vendor Integration to Business Partners

- Conversion via CVI is highly technical and many adaptations may need to happen in the system for the project to be successful
 - Number range management
 - Cleansing and synchronization of master data objects into Business Partner objects
 - Code changes to adopt Business Partner functionality

Customer Vendor Integration to Business Partners

- Conversion also requires screen customization as the BP transaction can have **MANY** fields that your users will not need.
 - End user involvement in this process is encouraged as this change in particular can be overwhelming for users who have been using the previous transactions for a long time.
- Involvement of your security team early should be a priority as restricted fields in previously used transactions may no longer be restricted to the same users unless roles are adjusted.

Customer Vendor Integration to Business Partners

Display Person: 1000030, role Financial Services BP

Person Organization Group General Data Company Code Relationships

Business Partner: 1000030 Barbara Lee
Display in BP role: FS0000 Financial Services BP

Address Address Overview Identification Control Payment Transactions Status Ratings Creditworthiness Data Financial Reporting Data Employment Data Additional Data Additional information

Name
Title
First name: Barbara
Last name: Lee
Correspondence lang.: EN English

Display Person: 9980000091, role FI Supplier

Search: Person Organization Group General Data Company Code Relationships
Business Partner: 9980000091 Tina Team Member / D- 00000
Display in BP role: FLVN00 FI Supplier

Special C
VIP
Undesir

Address Address Overview Identification Control Payment Transactions Status Employment Data Vendor: General Data

Co...	Address Description	Valid From	Valid To	Move
DE	D- 00000	11/01/2018	12/31/9999	

Address Usages

- Standard Address
 - 11/01/2018-12/31/9999 D- 00000
- Employee Private Address
 - 11/01/2018-12/31/9999 D- 00000 Standard
- Address for Correspondence
- Home Address
- Business Address
- Holiday Home
- Bank Statement
- Second Bank Statement
- Invoicing Party Address
- Company Address
- External home address for Korean
- Other Home Address

Standard Validity

Display Person: 9980000091, role Financial Services BP

Person Organization Group General Data Company Code Relationships

Business Partner: 9980000091 Tina Team Member / D- 00000
Display in BP role: FS0000 Financial Services BP

Address Address Overview Identification Control Payment Transactions Status Ratings Creditworthiness Data Finance

Unrestricted-Use Fields

Field	Value
Grouping Number 01	000
Grouping Number 02	000
Grouping Number 03	000
Grouping Number 04	000
Grouping Number 05	000
Grouping Number 06	000

Unrestricted-Use Fields

Field	Value
Grouping Number 07	000
Grouping Number 08	000
Grouping Number 09	000
Grouping Number 10	000
Grouping Number 11	000

User-Defined Text Fields

Field	Value
User-Defined Text Number 01	
User-Defined Text Number 02	
User-Defined Text Number 03	
User-Defined Text Number 04	
User-Defined Text Number 05	
User-Defined Text Number 06	
User-Defined Text Number 07	
User-Defined Text Number 08	

Unrestricted-Use Checkbox

Field	Value
Checkbox Number 01	
Checkbox Number 02	
Checkbox Number 03	
Checkbox Number 04	
Checkbox Number 05	
Checkbox Number 06	

- Address
- Address Overview
- Identification
- Control
- Payment Transactions
- Status
- Ratings
- Creditworthiness Data
- Financial Reporting Data
- Employment Data
- Additional Data
- Additional information
- Fiscal Data
- Customer Segment
- Additional Names
- Total Commitment

Conversion to New Asset Accounting

- New Asset Accounting was introduced in SAP ECC 6.0 EHP7
- Conversion to New Asset Accounting is also required for upgrading to S/4HANA
- SAP recommends using New Asset Accounting for all new implementations
- Several benefits that will make your accounting department happy (e.g. parallel valuation, real time depreciation postings)

Credit Management

- Conversion to FSCM Credit Management is required for upgrading to S/4HANA.
- Introduced in ECC 6.0 EHP 2 as part of FSCM

Custom Code Analysis

- We must answer the following questions
 - For a migration to HANA, will my custom code run on HANA?
 - How much effort will be required to remediate?
- When should I run the ABAP compatibility analysis?
 - You can run today – and should be included in your ABAP maintenance processes until you migrate to HANA

Custom Code Analysis

- For S/4HANA, will my custom code run on HANA?
 - Title: ABAP custom code migration for SAP HANA - recommendations and Code Inspector variants for SAP HANA migration
Link: <https://launchpad.support.sap.com/#/notes/1912445>
- For S/4HANA, how will S/4HANA impact my custom code?
 - Title: SAP S/4HANA: Recommendations for adaption of customer specific code
Link: <https://launchpad.support.sap.com/#/notes/0002190420>
 - Title: SAP S/4HANA: Content for checking customer specific code
Link: <https://launchpad.support.sap.com/#/notes/2241080>

LESSONS LEARNED

Common Problems

- Interfaces, interfaces, interfaces...
 - Unknown or undocumented interfaces writing to file system
 - ABAP code that references DB specific SQL functionality (EXEC SQL)
- Business Partner Conversion
 - Security
 - Customizations
- Don't underestimate Fiori effort

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Presentation Materials

Access the slides from 2019 ASUG Annual Conference here:

<http://info.asug.com/2019-ac-slides>

Q&A

For questions after this session, contact us at bryan.parrott@benimbl.com and gabe.mensching@benimbl.com.

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