SAP Enterprise Architect Global Summit

Virtual Event - March 1-3, 2022

Use of SAP Reference Architectures and Supporting Tools in Services

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Agenda

- Setting the stage: Methodology Reference Content Tools Services
- Process View: SAP Signavio One Process Acceleration Layer (OPAL)
- Services View: from Strategy to Landscape
- Outlook
- Discussion



Agenda



Setting the stage: Methodology - Reference Content - Tools - Services

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Enterprise Methodology – Reference Content - Tools – Services

Methodology

(e.g. TOGAF: Strategy, Business, Application/Data, ...)

Tool

(Signavio, Power Designer, ...)

Reference Content

(Process, Capability Models)

Services

Scalable way to create EA outcomes: Strategies, business and IT architectures, Roadmaps

Not all parts of a methodology are covered by tools,

Historically only few could build on reference content

Shift in Services Approaches

"Classical" Service Approach

3-6-month pre-study

(starting with empty sheet of paper)

- Priorities,
- Capabilities
- IT Target Architecture

Process Modeling and gap analysis

 High effort of process design (often only partially linked to pre-study) down to process level 6 Implementations driven by Gaps/WRICEFs

No measurements on process improvements

"Accelerated" Service Approach

3-6-weeks roadmap "service"

(accelerated with tools & reference content)

- Ensured Traceability from strategy to process
- Improve

Tool-based Process discovery and improvement

 High effort of process design (often only partially linked to pre-study) down to process level 6 Fit to standard not only within ERP-S/4HANA, but from Enterprise Architecture perspective

Process focused designed in



much broader coverage of reference content // Much shortened service delivery time



Enterprise Architecture is becoming part of the DNA in Product Development

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OPAL – One Process Acceleration Layer

One **central access** to content enablers

Accelerated Time-to- Value for Business
Transformations





One Process Acceleration Layer

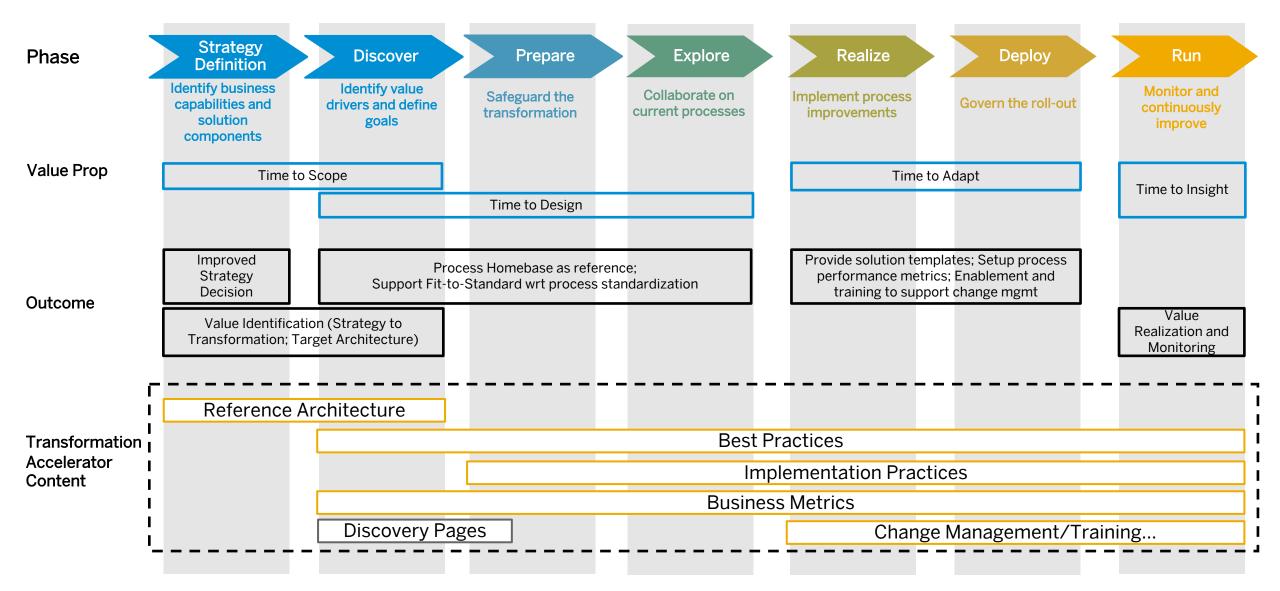




Content for Business Process Management

All in **one place** aligned with our methodology

How can OPAL help you?



SAP Signavio One Process Workspace – Process Exploration Space

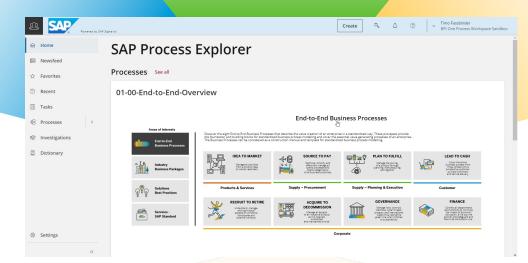
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Business Requirements

"I need to visualize and monitor end-to-end process execution to drive operational excellence."

Transformation Requirements

"I am looking for process content and resources which will help me drive the transformation program, and gain buy-in from stakeholders."



IT Requirements

"I need to design an enterprise architecture that allows to execute our business strategy."

Discover and Explore centrally

Download to Consume and Adapt locally

Partner Practices

SAP Solution Best Practices Services Practices Reference Architecture Industry Next Practices Business Metrics & Benchmarks

Demo: SAP Signavio One Process Workspace

Lab Preview

Agenda

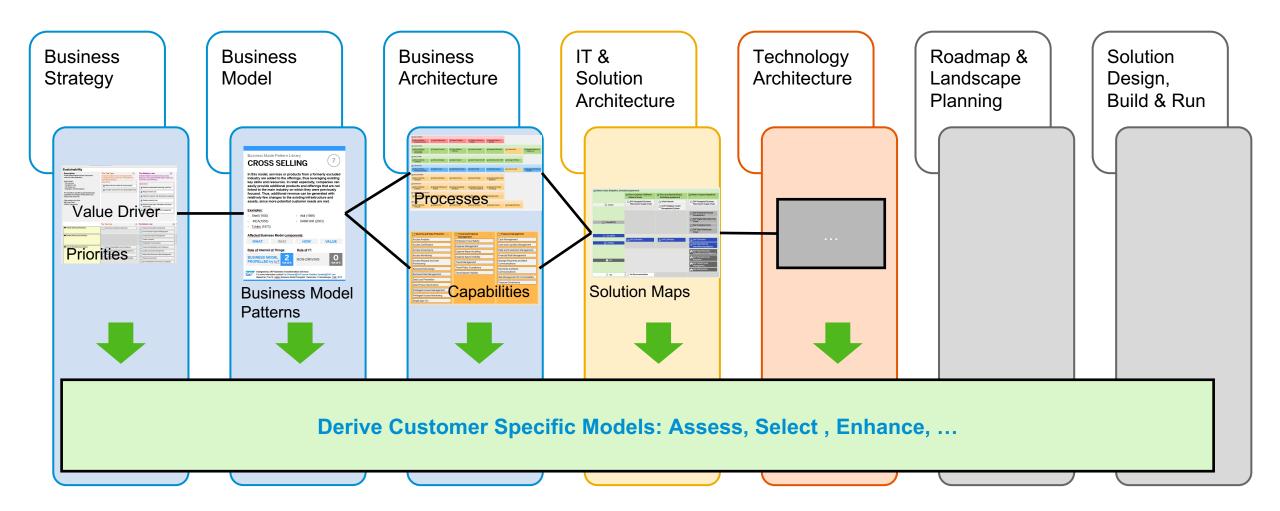
- Setting the stage: Methodology Reference Content Tools Services
- Process View: SAP Signavio One Process Acceleration Layer (OPAL)



Outlook

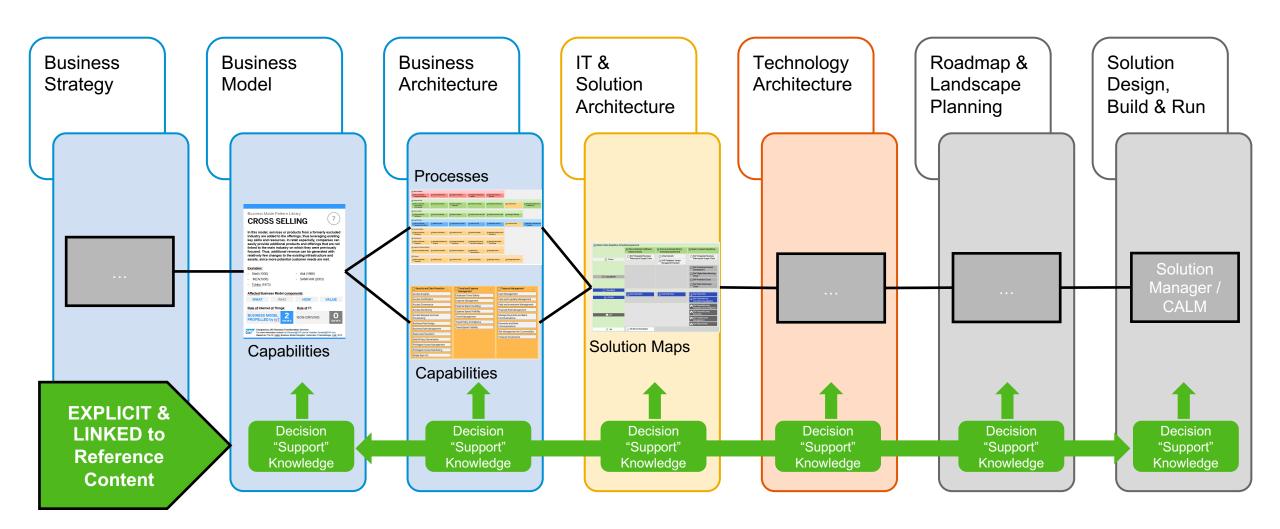


Work WITH Reference content

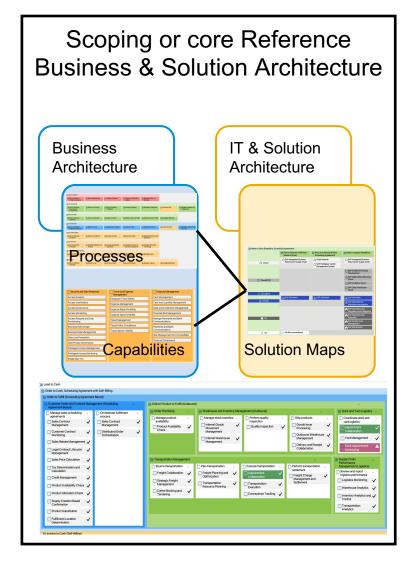


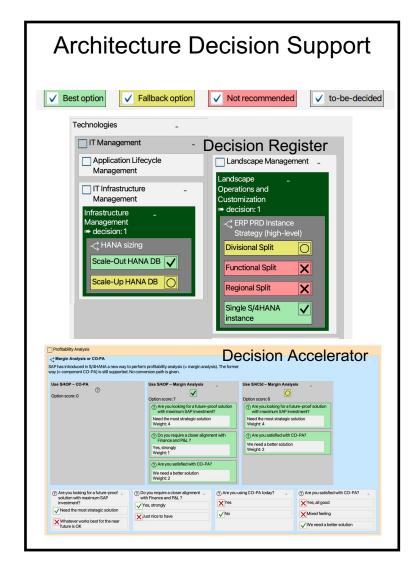
Work WITH Reference content

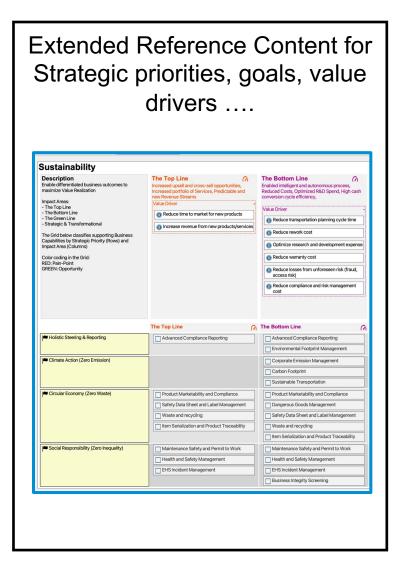
... and knowledge from consulting = OUR explicit reference content



3 Examples





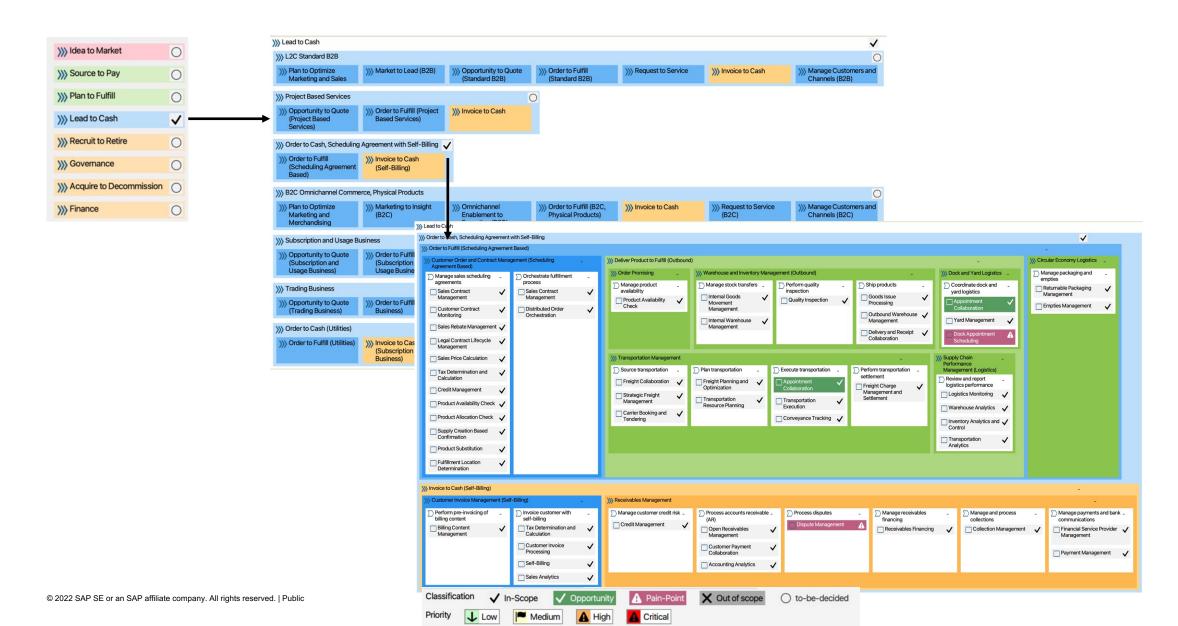


LAB PREVIEW

Demo

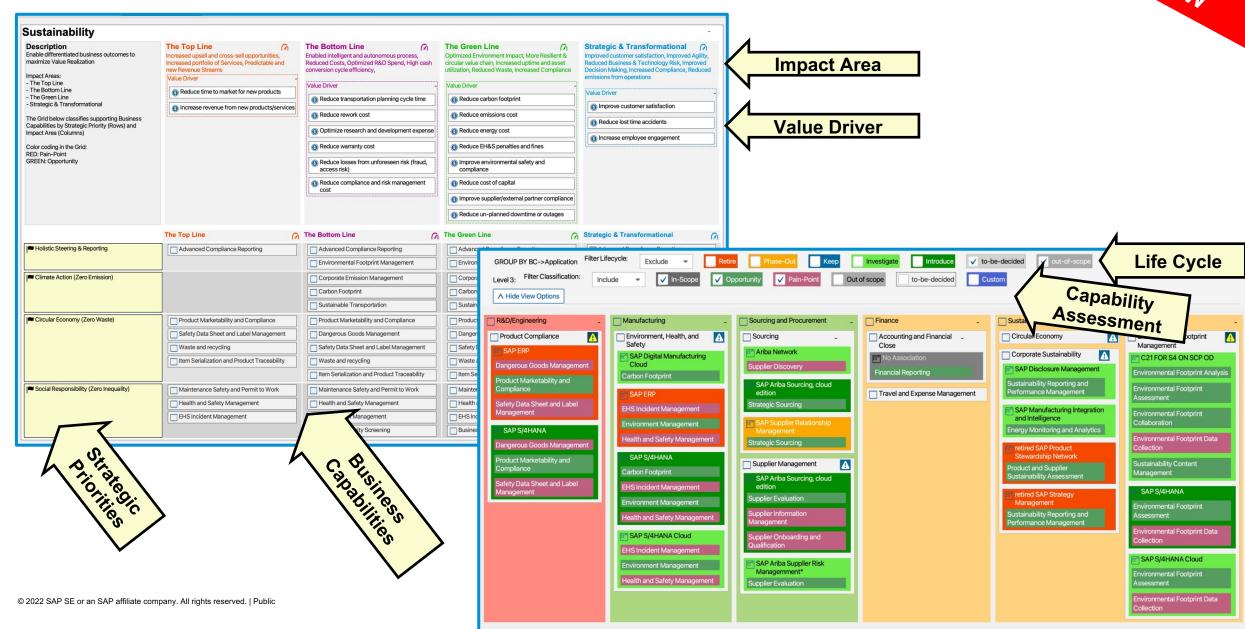
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Process driven Business and Solution Selection



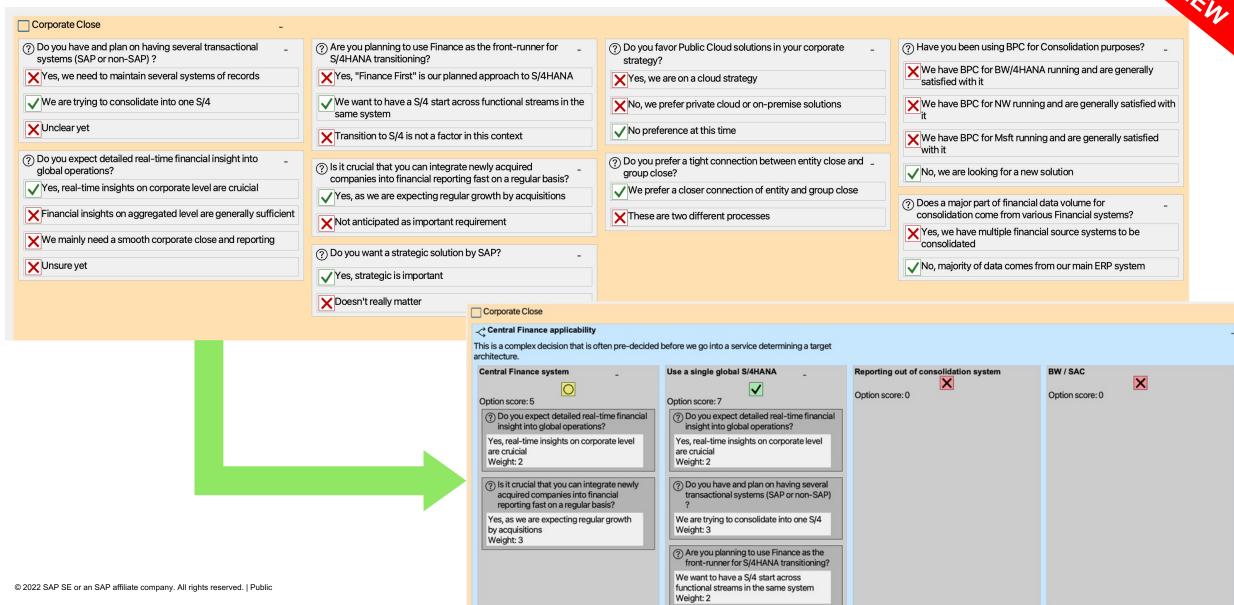
LAB PREVIEW

Strategy -> Capabilities -> Enabling Solution (AS-IS & TO-BE)

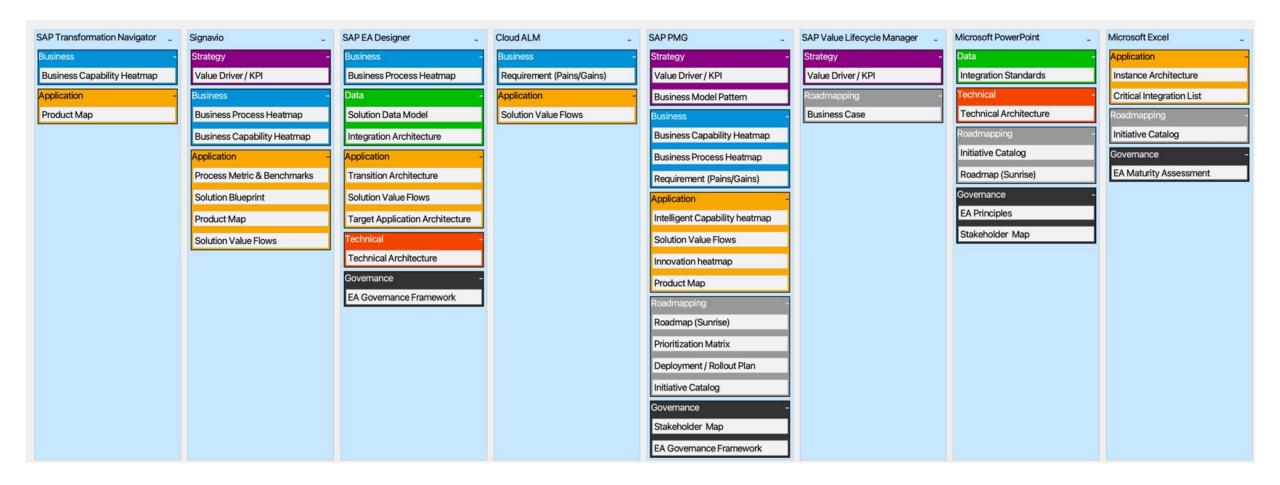


Functional Decisions





High-Level Tool usage







Characteristics:

- Fully Data Driven Visualization
- Meta Model Driven (tool not bound to EA domain)
- Parallel Distributed Modelling (incl offline), synchronization via SAP BTP
- NO-CODE Extensibility: new Object Types, Associations, Views, Icons, Appends, ...
- Dynamic Views: do serve as Modeling environment
- Dynamic calculations and embedded rule engine
- Transformation Navigator Content integrated (results can be loaded)

Current Status:

- Use within SAP across consulting and pre-sales
- Use to publish RBA/RSA
- Alignment with SAP Signavio started
- Integration into Cloud ALM (Service) envisioned
- No commitment to evolve as official SAP Product
- Interested customer can experience as part of consulting engagments

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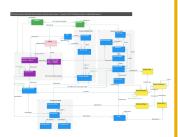




Outlook?

EA Methodology

Evolve across all domains, based on clear domain model



Cross SAP
Alignment &
External
Feedback

Reference Content

- Linking Data Domain
- Extend industry specifics

Tools

E2E Tool-Chain - Simplification

Services

Model "Architecture Decisions" to be taken (incl decision approaches!) as explicit reference content for services!

= => and link these to Strategies, Process, Capabilities, Solution components!

Feedback from customer deliveries and customer EA community (incl. events like the "EA Summit")

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Virtual Event - March 1-3, 2022

THANK YOU

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SAP SE

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Backup

Reference Architecture Content





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01-00-End-to-End-Overview

Revision 11

Last published 12/08/2021

Last author Timo Fassbinder

Diagram

□ No comments







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Areas of Interests





Industry **Business Packages**



Solutions **Best Practices**



Services -**SAP Standard** **IDEA TO MARKET**



Manage all activities from a product idea to market readiness.



The Business Processes can be considered as a construction manual and template for standardized business process modelling.

SOURCE TO PAY

Optimize, simplify, and effectively manage all spend processes and spend categories to drive business outcomes



PLAN TO FULFILL

Manage the journey of a product through planning, manufacturing, and logistics.



LEAD TO CASH

Cover the entire business process from initial contact with a prospective customer, to order fulfillment and service delivery.





Products & Services



Discover the eight End-to-End Business Processes that describe the value creation of an enterprise in a standardized way. These processes provide the foundation and building blocks for standardized business process modelling and cover the essential value generating processes of an enterprise.



Customer



RECRUIT TO RETIRE

Understand, manage, and optimize all aspects of workforce (employees and external workers).



ACQUIRE TO DECOMMISSION

Manage all aspects of an industrial product as it is received, onboarded and maintained on-site.



GOVERNANCE

Manage risks, controls, identities, cyber threats, projects, and international trade while raising the green line when it comes to sustainability



FINANCE

Connect all departments and functions to minimize the impact of economic disruption drive top line growth and safeguard and

Corporate

End-to-End Business Processes

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Legend ∨

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01-2-00-Source to Pay-Overview

 ≟ Level 3
 Revision 21
 Last published Just now
 Last author Timo Fassbinder



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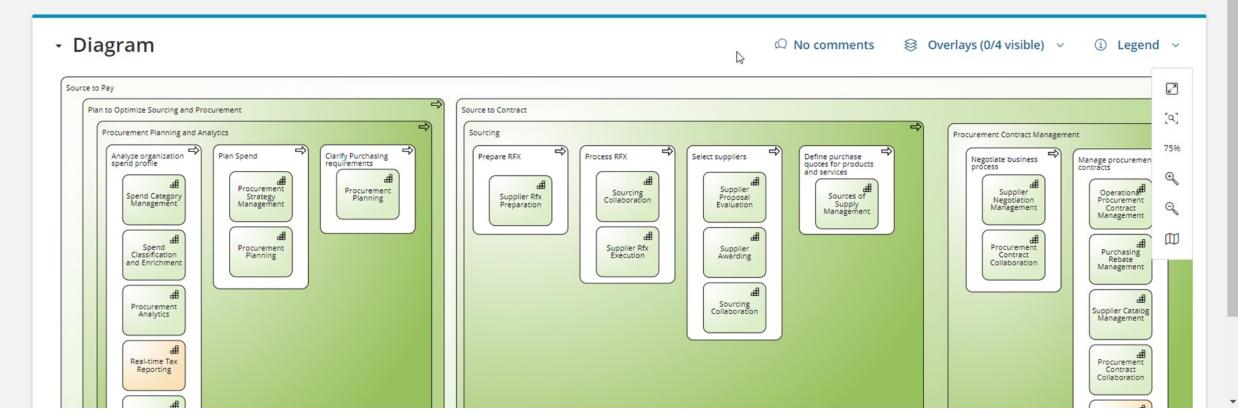




BPG_S2P_Capabilities

■ Level 1 Revision 7 Last modified Yesterday Last author Milan Schulze
 □ Draft

Expand upon the business process by including business capabilities.



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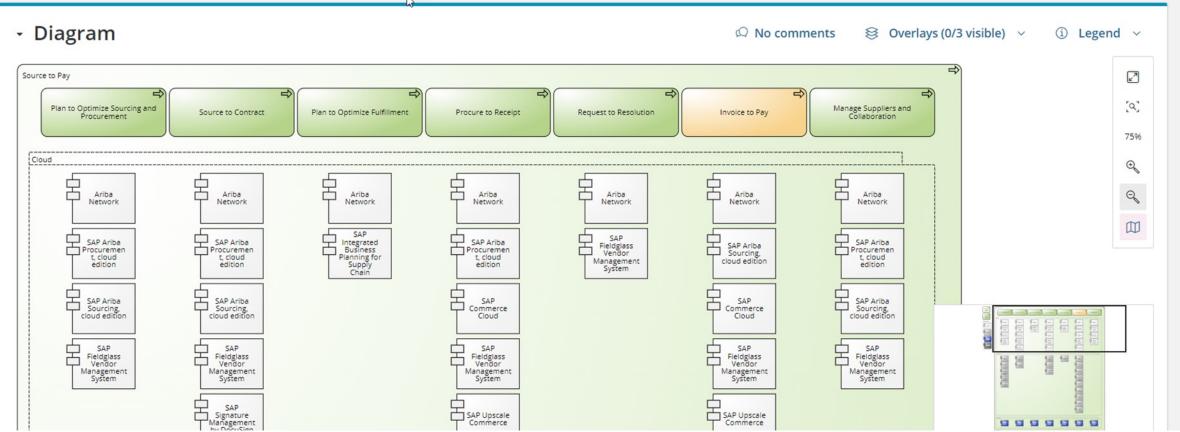


BPG_S2P_Cloud Solutions

 ■ Level 1

 Revision 10
 Last modified Yesterday
 Last author Milan Schulze
 ● Draft

Visualizes at a high level how solutions interact to enable Business Activities.



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SAP Solution Practices (S/4HANA Scope Items and Success Factors Process Library)



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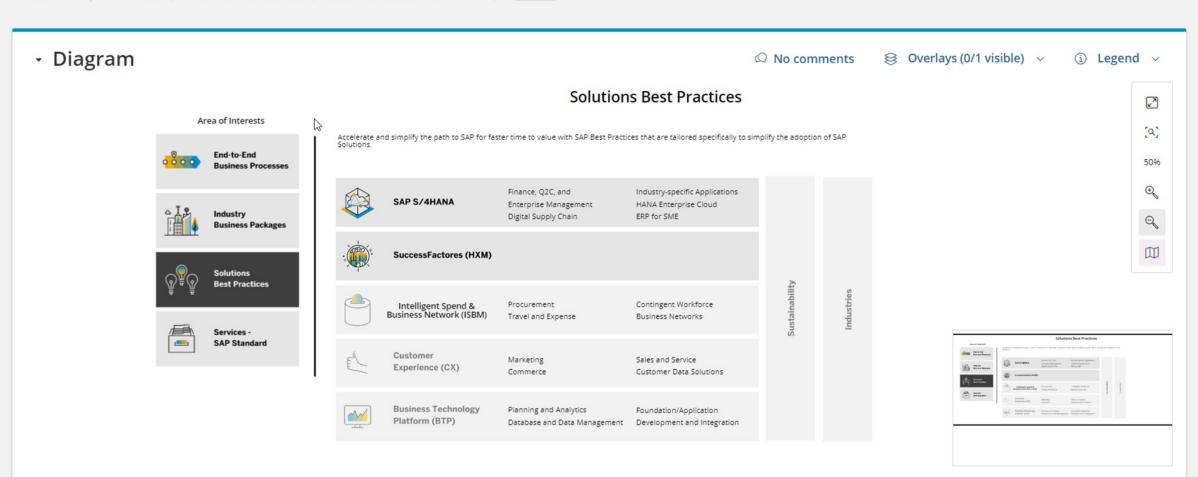




03-00-Solutions-Best-Practices-Overview

Level 3

 Revision 15
 Last modified Yesterday
 Last author Romero Steinhauser
 ● Draft



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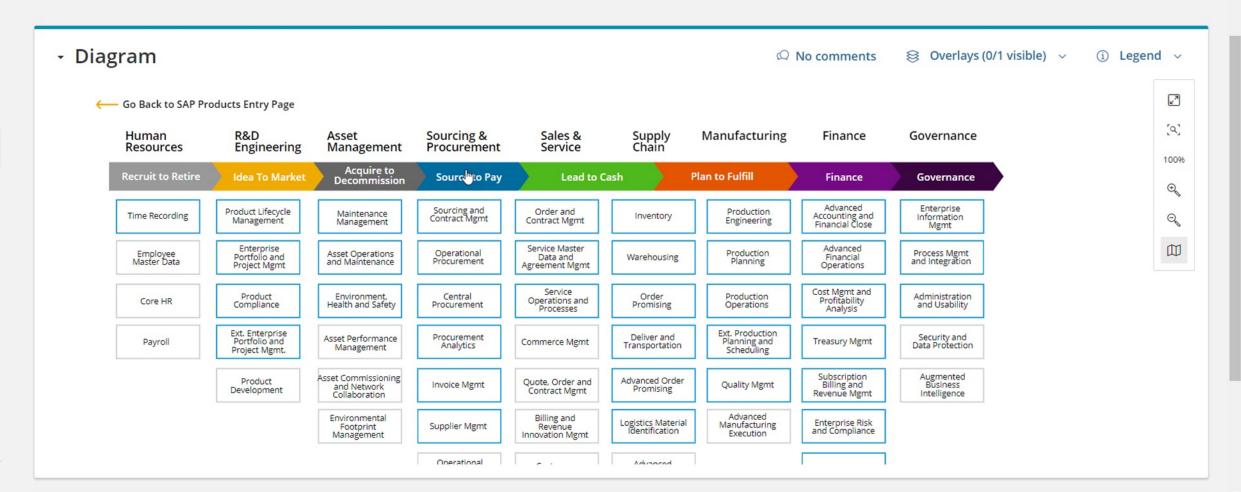




SAP S/4 HANA Cloud 2108 Navigation

Provides a comprehensive portfolio of analytical content based on SAP S/4HANA and SAP S/4HANA Cloud. Follow expert guidance on how t

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preview :

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2TX BPMN diagram









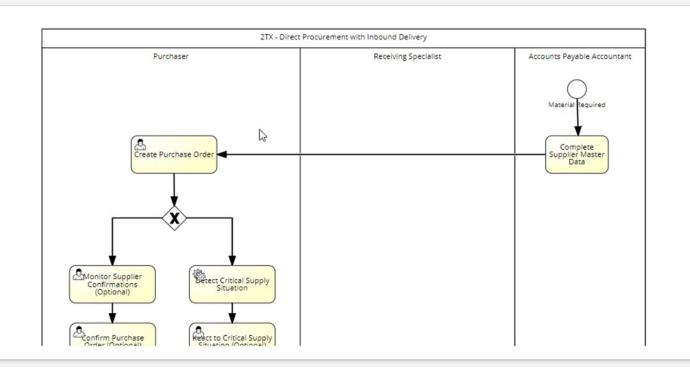


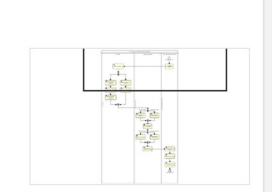




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Attributes

Used In https://rapid.sap.com/bp/#/browse/packageversions/BP_CLD_ENTPR/S4CLD/2108/US/25/EN

Test Script 2TX_Test_Script_S4CLD2108_EN_US

Task Tutorials

ii https://education.hana.ondemand.com/educatio...

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