

# SAP S/4HANA Journey: Planning, Implementation and Thriving Post Go-Live with SAP Enterprise Architecture

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Las Vegas

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2024


**SAP**insider

# Transforming Towards Agile, Resilient and Sustainable Enterprise

A close-up photograph of a microchip mounted on a circuit board, with various electronic components and wiring visible in the background.

**Every organization  
becomes an agile  
enterprise**

Business agility

An aerial photograph of a busy port or shipping yard, showing numerous colorful shipping containers stacked in rows, with cranes and ships visible in the background.

**Every organization  
benefits from  
connected networks**

Supply chain resilience

An aerial photograph of a large solar farm, showing rows of solar panels installed on a hillside, with mountains visible in the background under a clear sky.

**Every organization builds  
sustainable operations**

Sustainability outcomes



# There are Hurdles to Overcome

A close-up photograph of a woman with dark hair and glasses, looking slightly to the side with a thoughtful expression. The background is blurred with warm, bokeh lights.

## Uncertainty

How does the business run today,  
and where do I even start?

A photograph of a person wearing a yellow hard hat and a high-visibility safety vest, standing in a warehouse aisle and looking down at a tablet device. The background shows tall blue shelving units filled with boxes.

## Shortages

How do I prioritize my resources for  
the most impact?

A photograph of a man standing in a long, dimly lit server room aisle. He is holding a laptop and looking at it. The rows of server racks on both sides are illuminated with blue light.

## Inconsistency

How do I get business and IT on the  
same page?



## Session Summary

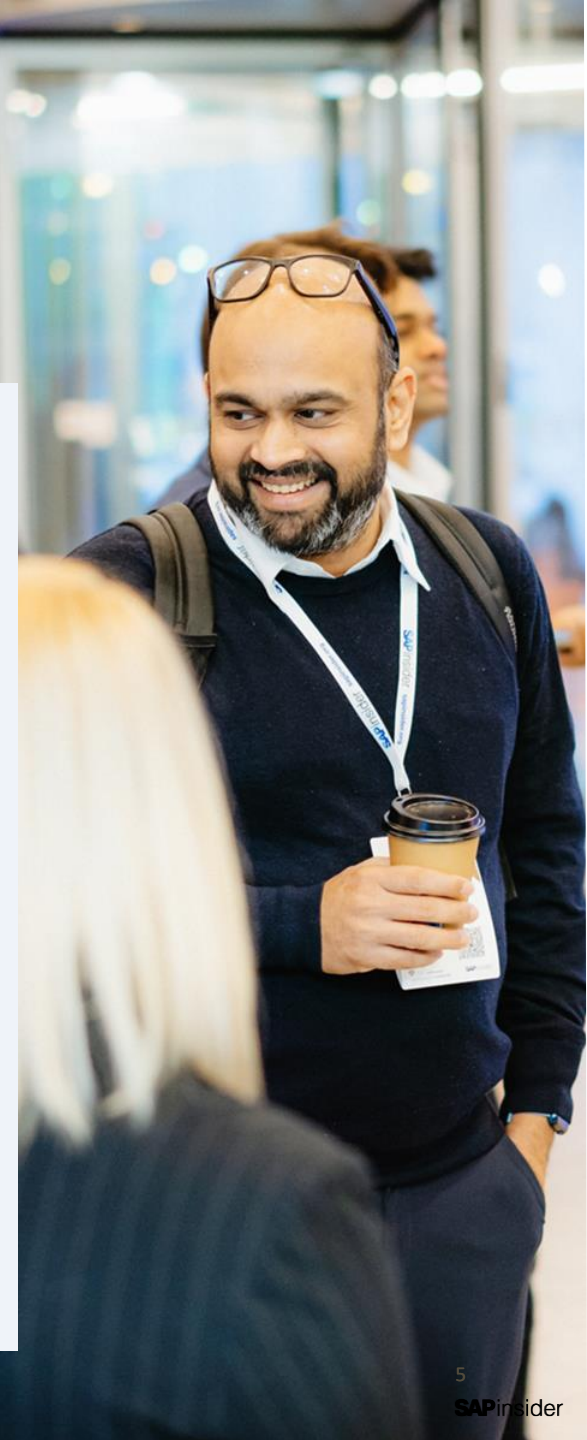
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- **Govern Complex ERP Transitions:** Gain the skills to navigate intricate ERP transitions with an Enterprise Architect Viewpoint
- **Leverage SAP's EA Framework:** Explore SAP's Enterprise Architecture framework, discover effective strategies and best practices, and draw inspiration from real-world success stories. Unlock the keys to a thriving S/4HANA journey and chart your path to sustainable success in the ever-evolving world of modern business.
- **Tooling and Enablement:** Learn various EA artifact templates and tools provided by SAP and how to obtain skills to use these tools effectively.

# Agenda

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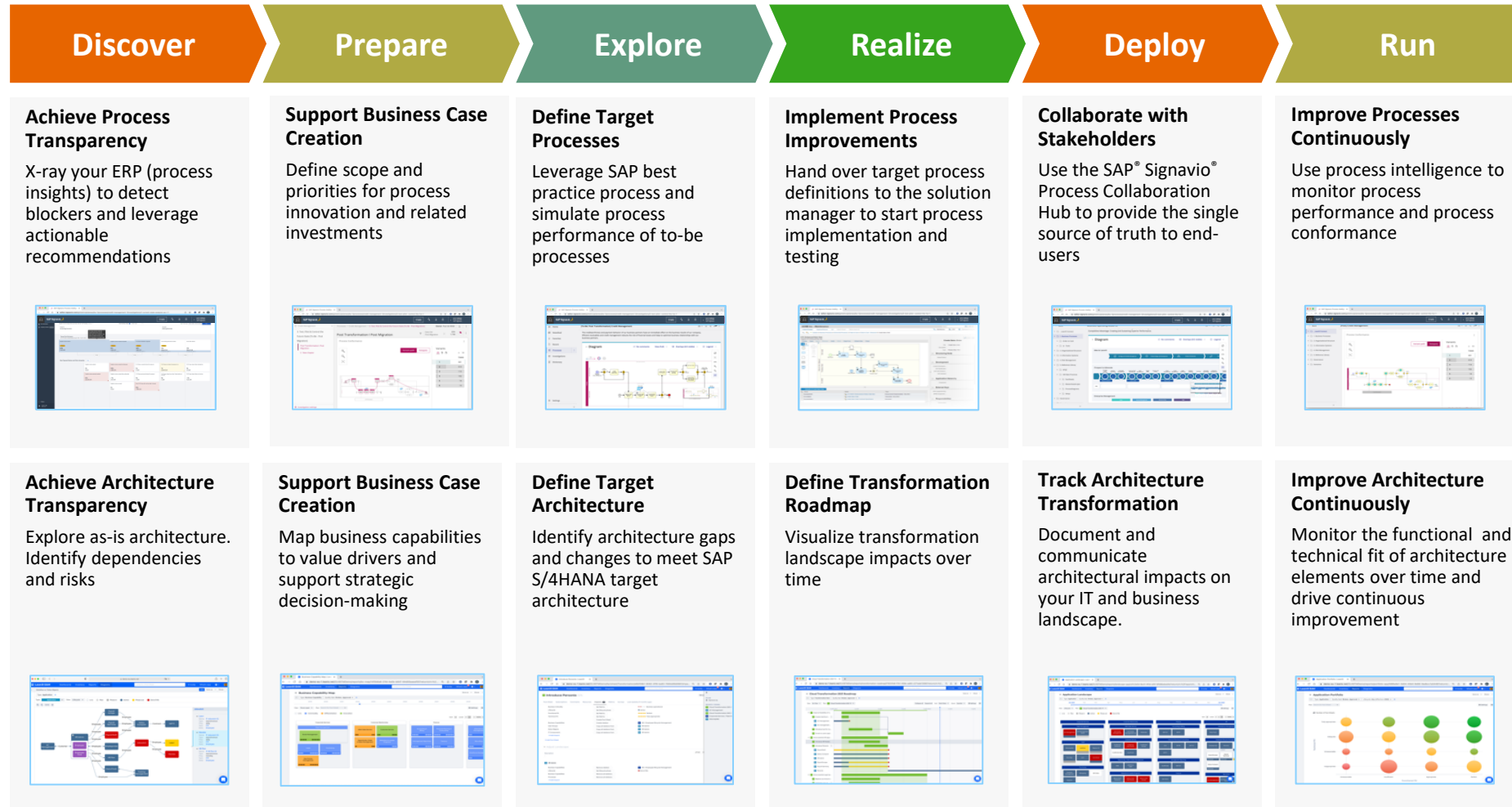
- **Govern Complex ERP Transitions**
- Leverage SAP's EA Framework
- Tooling
- Learning opportunities
- Wrap-Up





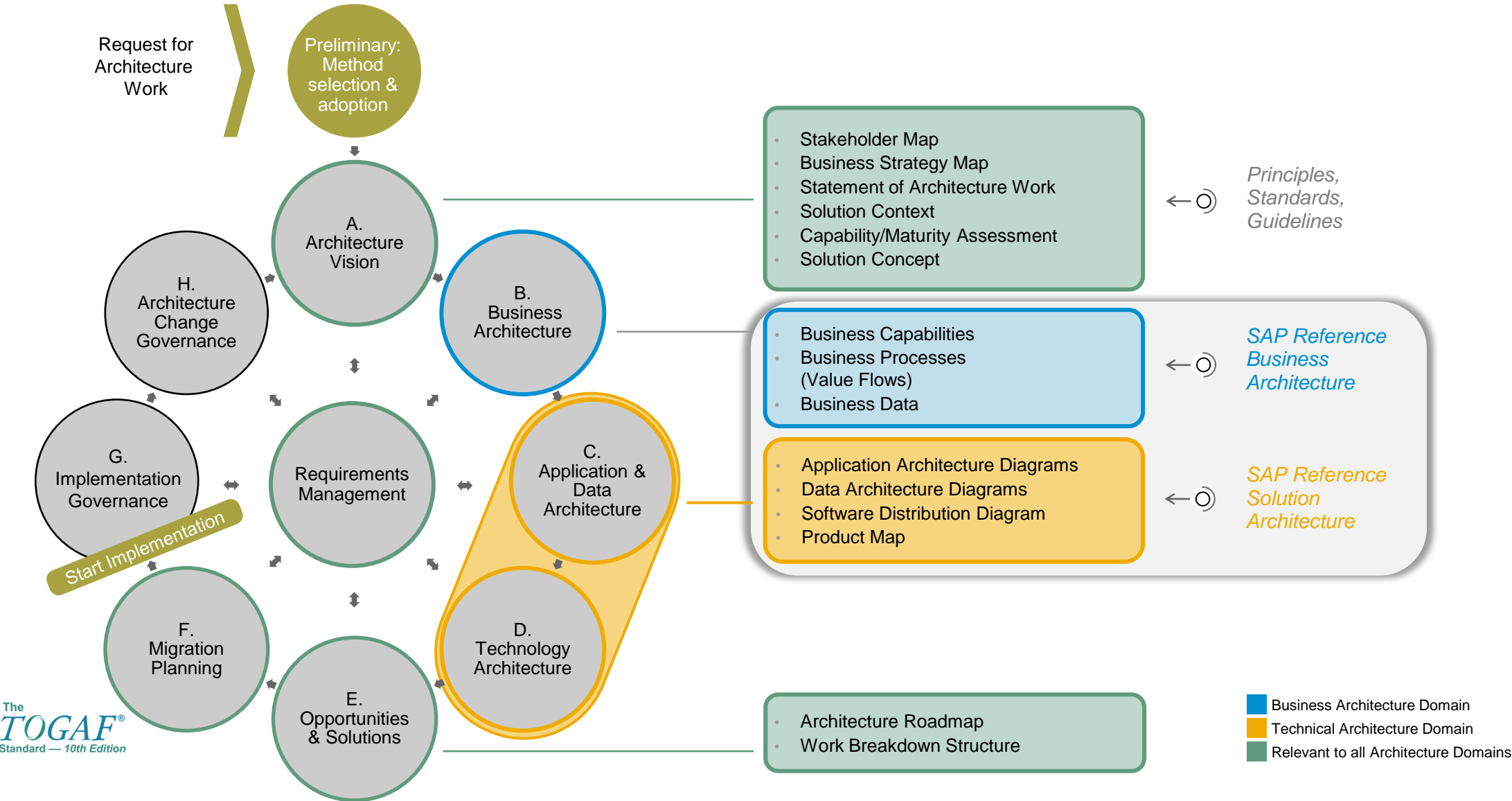
# SAP Activate – an architect's viewpoint

## SAP S/4HANA transformation



# SAP Enterprise Architecture Methodology

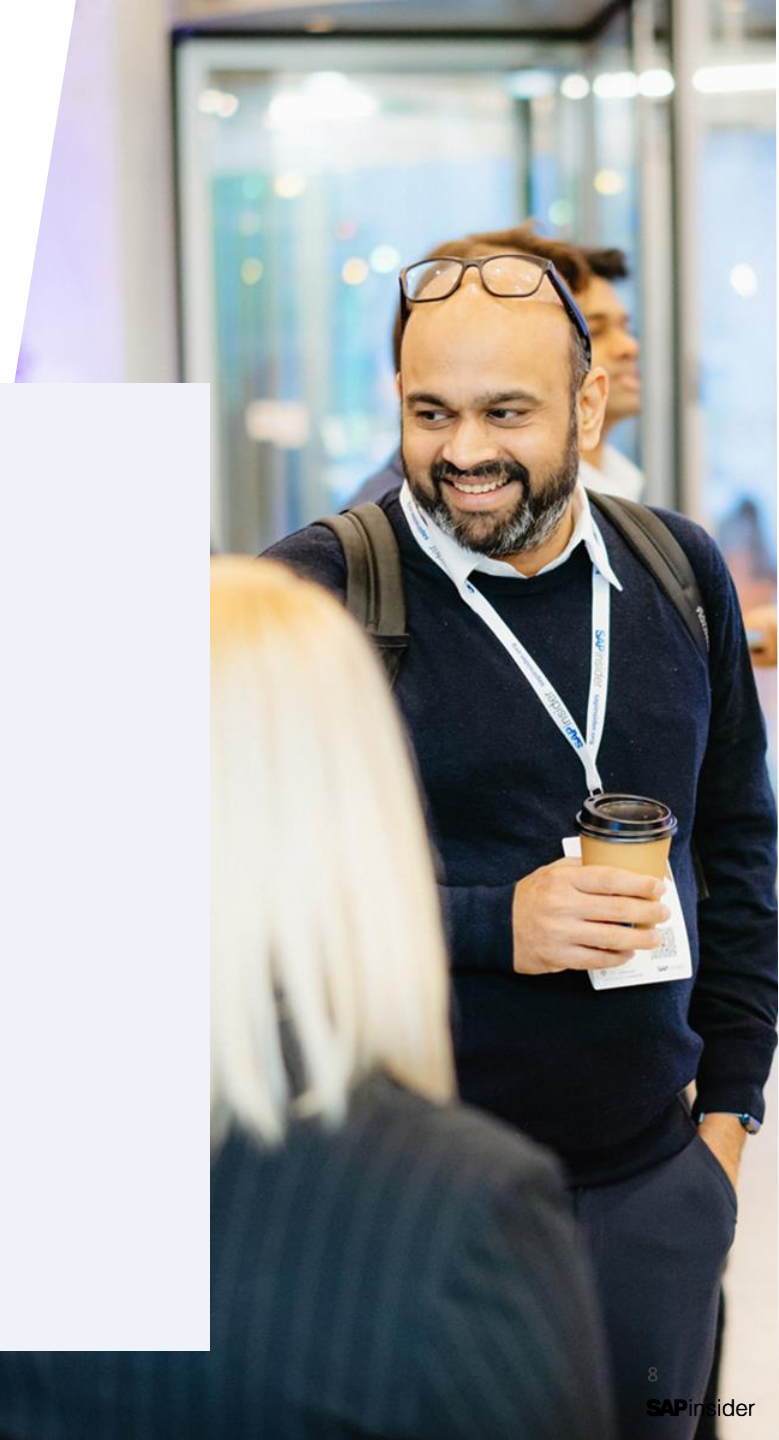
Enterprise architecture development process based on TOGAF® ADM with SAP-recommended artifacts



# Agenda

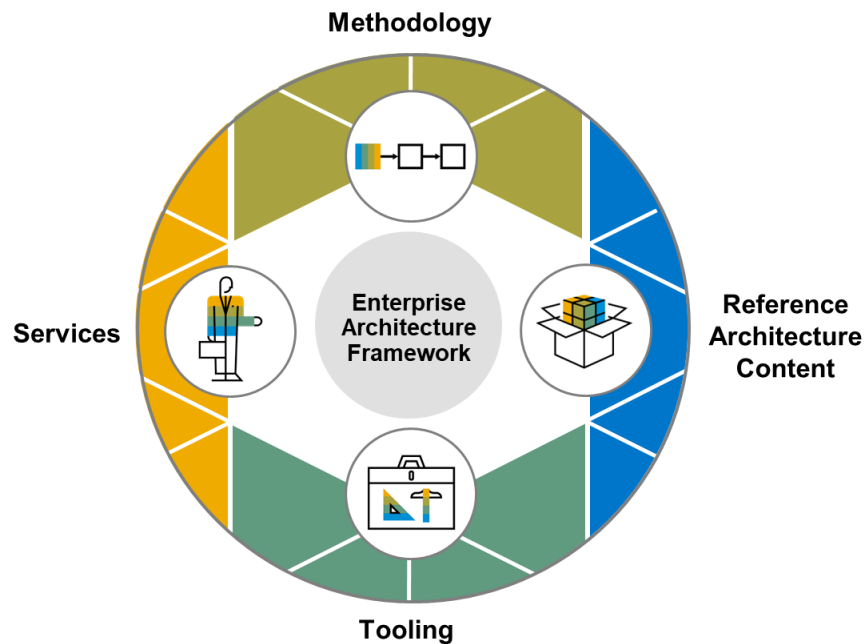
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- **Leverage SAP's EA Framework**
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# SAP Enterprise Architecture Framework



EA methodology supports enterprise architect journeys from the definition of target architectures to implementation and continuous transformation. Based on industry standards (such as TOGAF®, BPMN™, UML®, APQC®) and broadly adopted across SAP



SAP Reference Business and Solution Architecture Content mapping of business strategy and architecture to SAP solutions, which deliver integrated processes



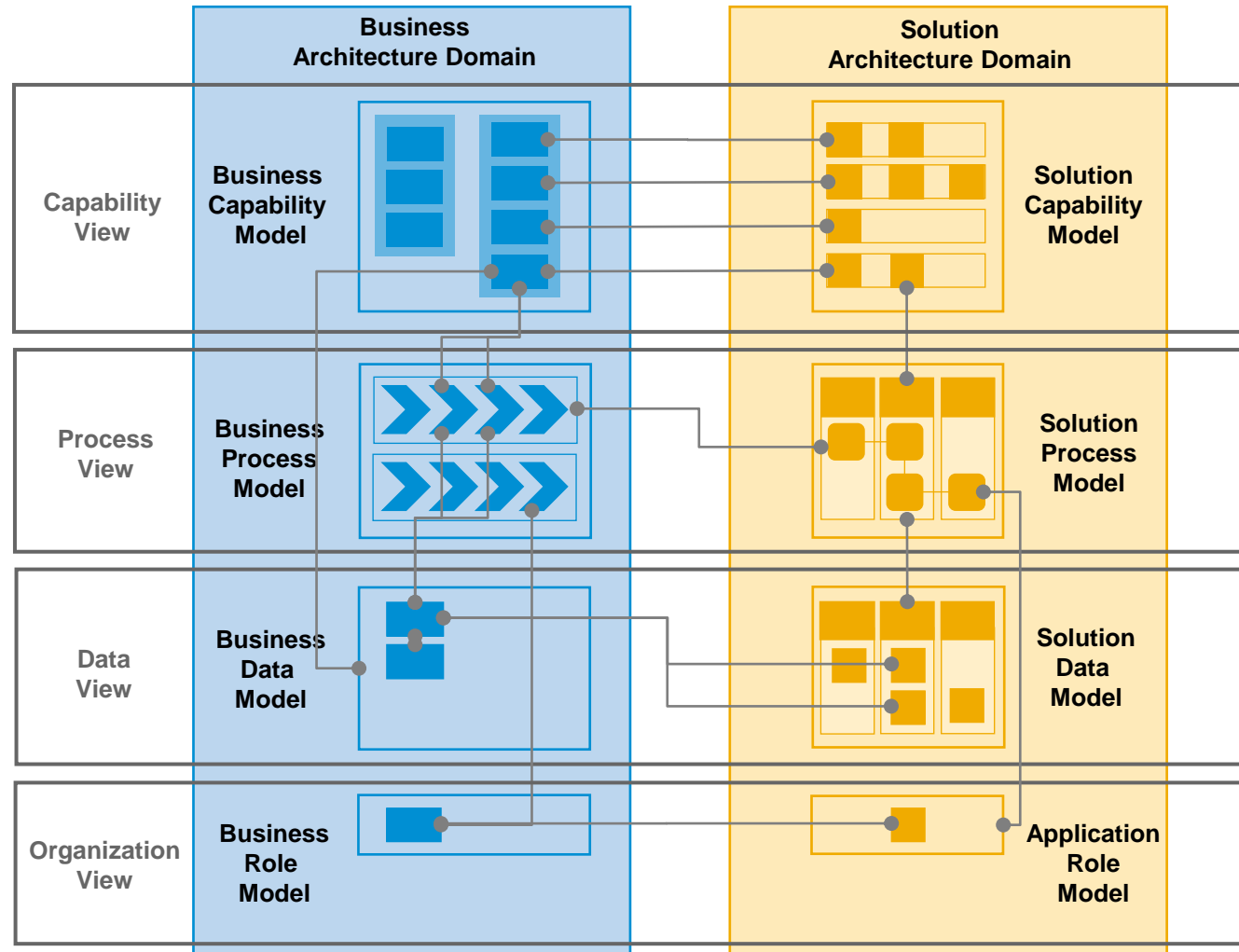
Set of EA tools, supporting adjustment and consumption of business and solution reference architecture content



Standardized SAP EA Services supporting customer transformations  
Enablement of different EA target roles in customers' and partners' organizations provided

# SAP Enterprise Architecture Methodology

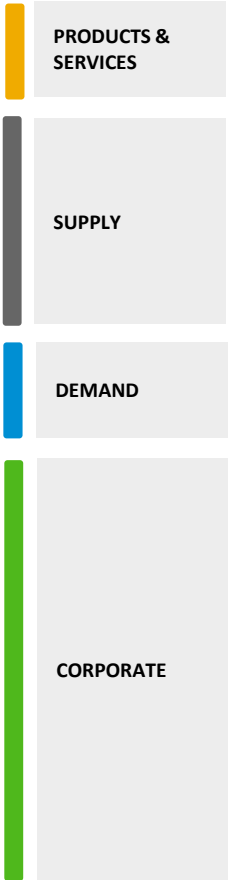
## Overview of core domains & models



# Reference Business Architecture Framework

## Enterprise Domains

Business Processes & Capabilities are structured along the 4 Enterprise Domains.



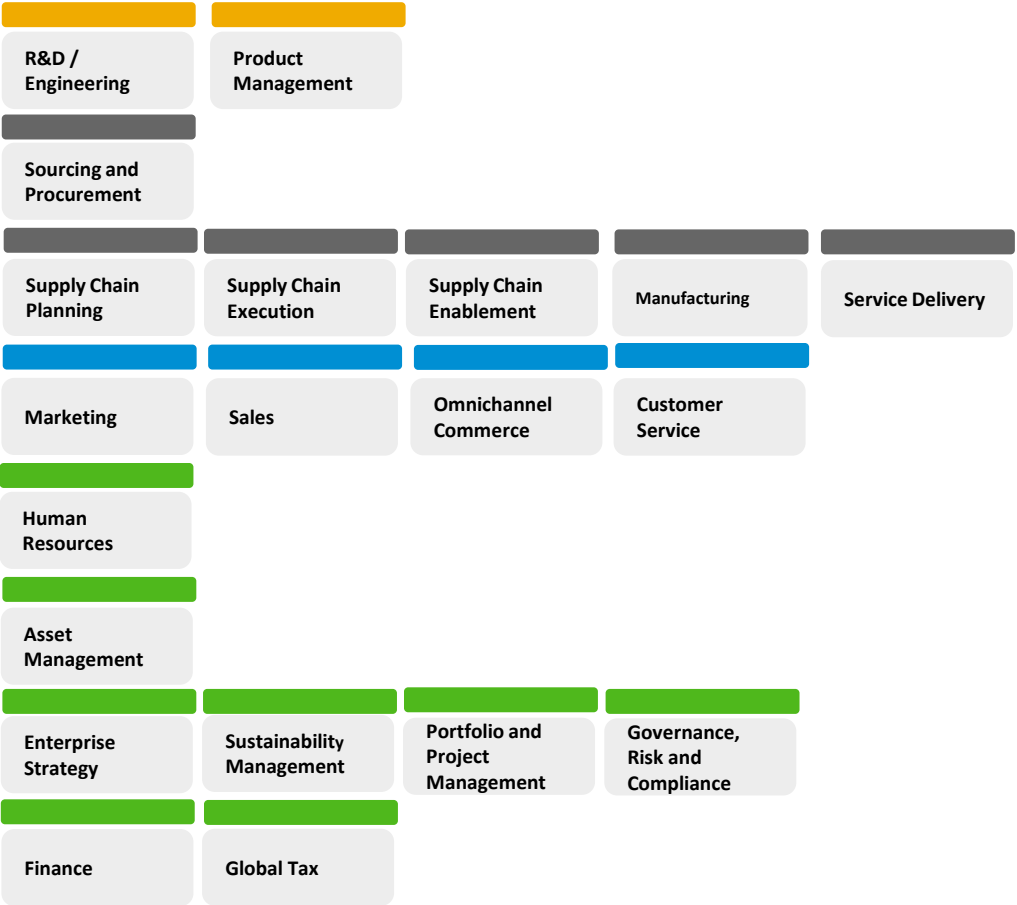
## Business Process Model

Represents the E2E Value Chain of an Enterprise that define the building blocks and template to model Business Processes.



## Business Capability Model

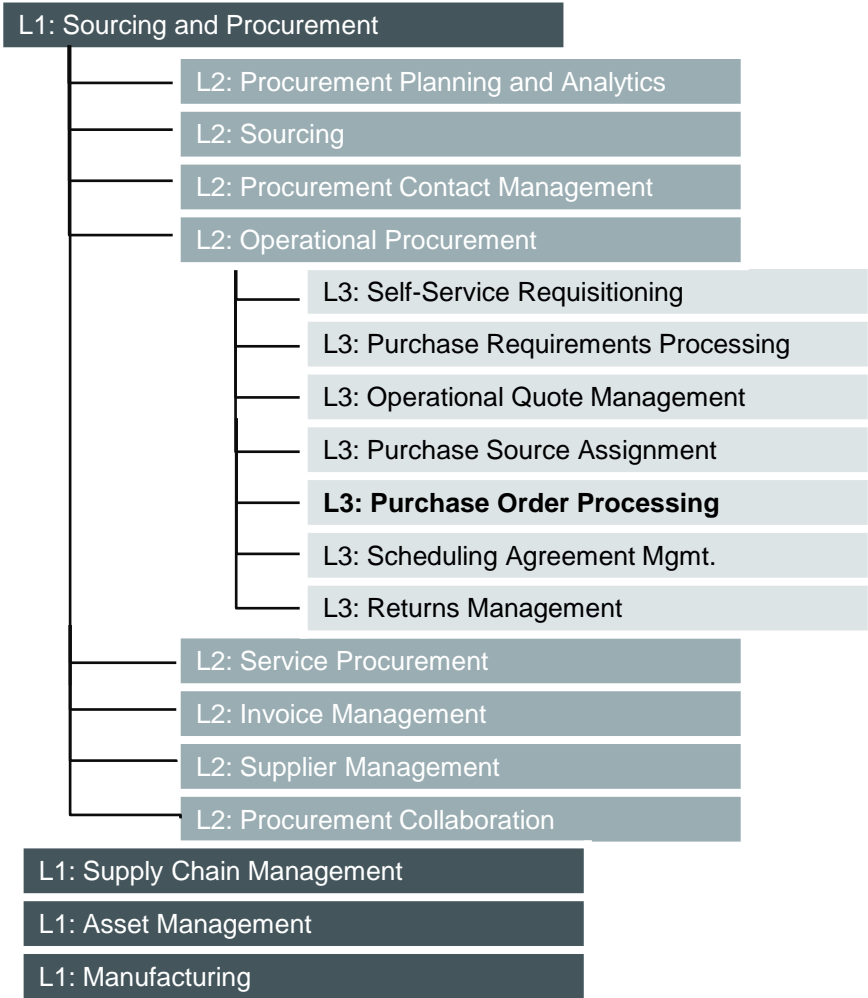
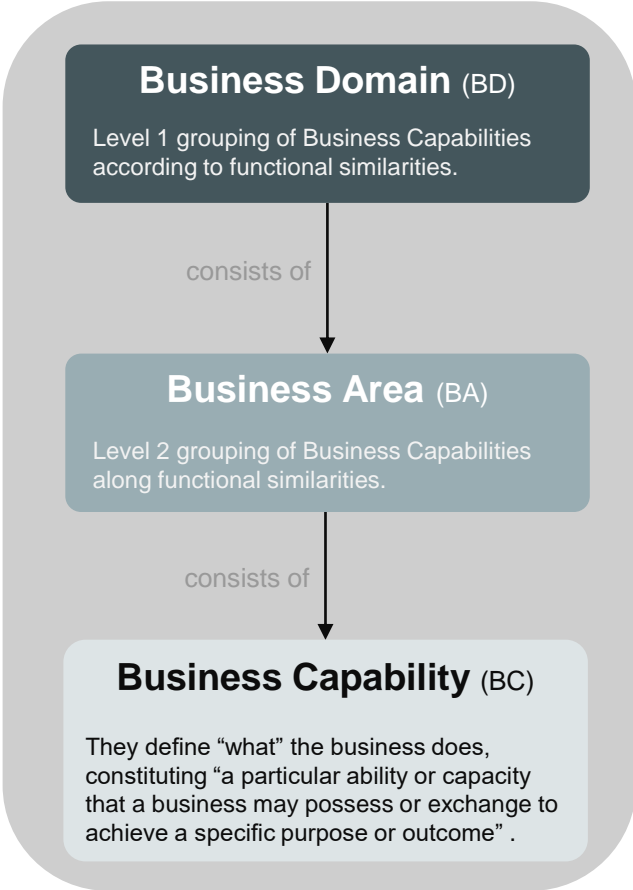
Describe the ability of an Enterprise to deliver value. They are hierarchically structured by Business Domains which refers to the high-level business functions that enable an organization to operate and achieve its strategic objectives





# Defining your Business Capability Model (BCM)

The Business Capability Model helps identify strategic focus areas by mapping strategies, scorecards, and/or executive priorities to the business capabilities.



**WHAT**

**What** the organization does to generate value, independent of how technology supports it.

**L3**

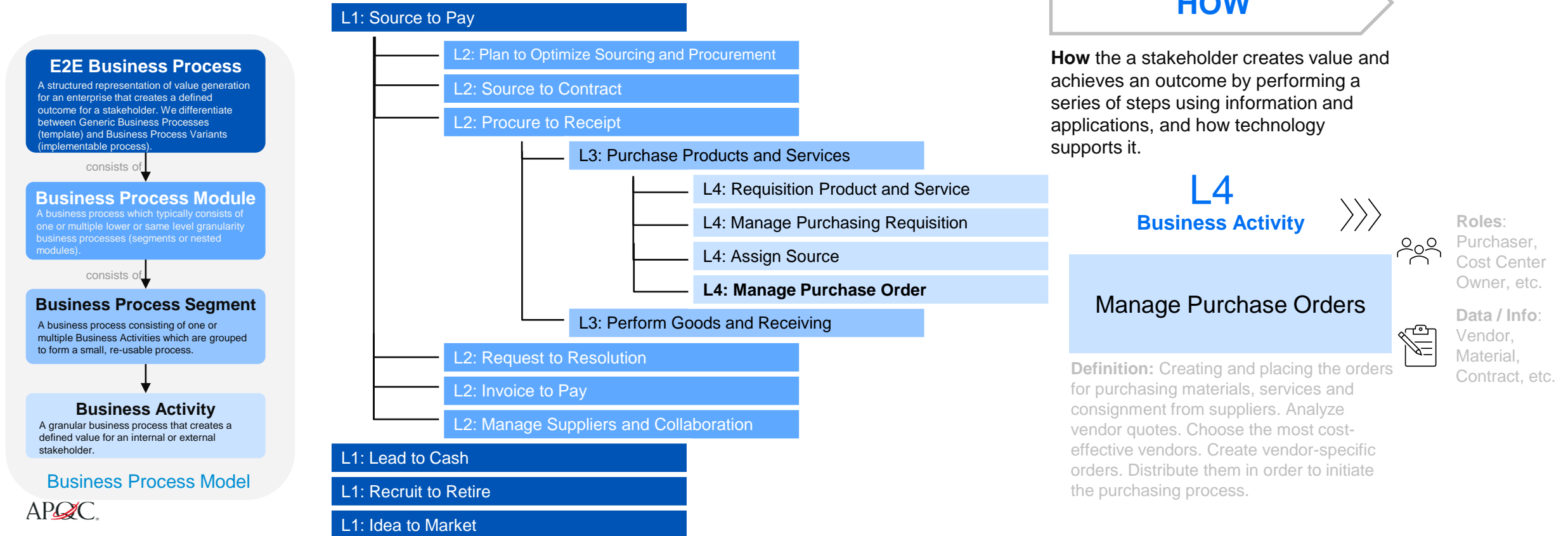
**Business Capability**

**Purchase Order Processing**

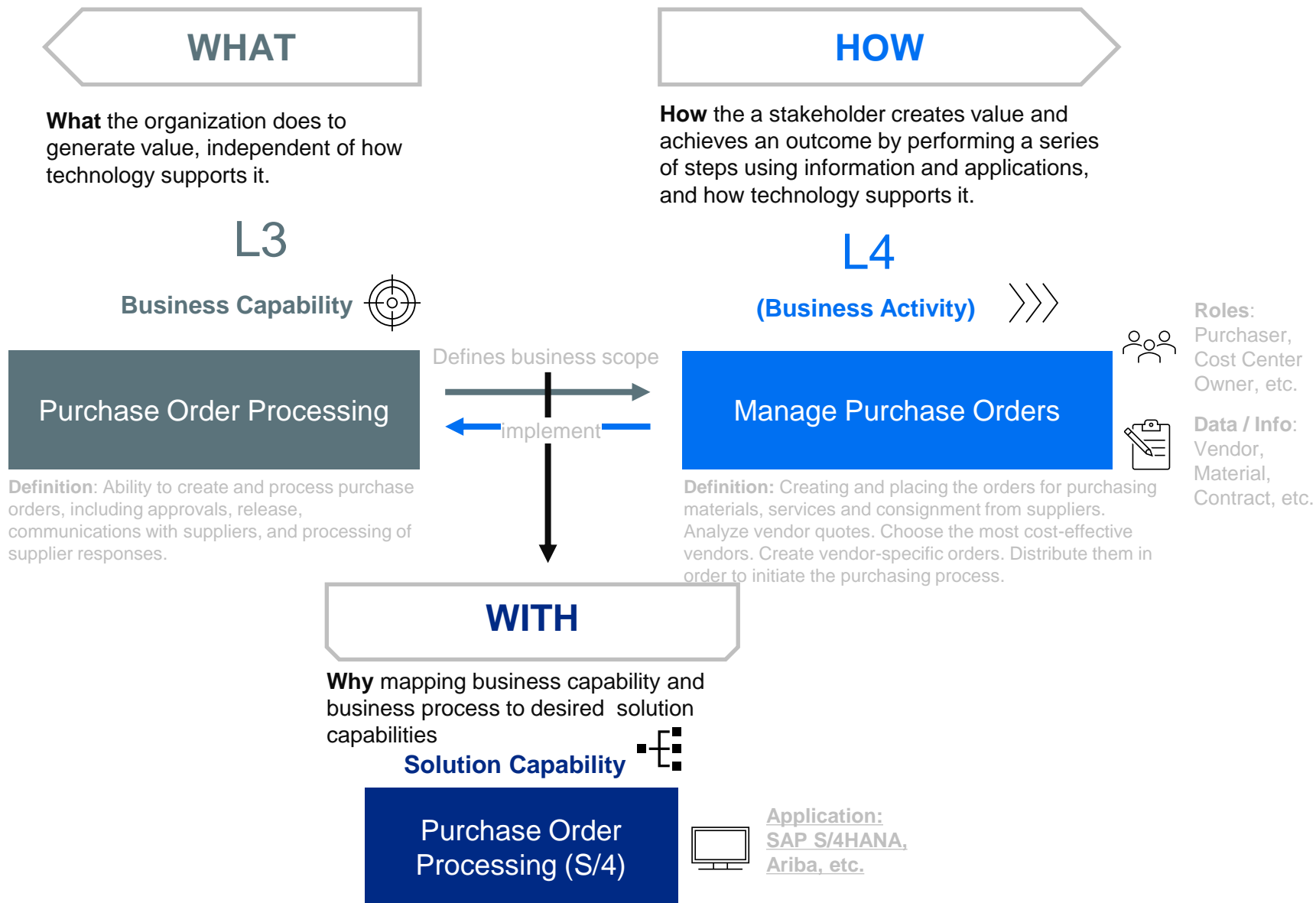
Definition: Ability to create and process purchase orders, including approvals, release, communications with suppliers, and processing of supplier responses.

# Defining your Business Process Model (BPM)

**A Business Process Model is a visual representation of the steps and activities that a business uses to provide a clear and concise overview of how a business operates.**

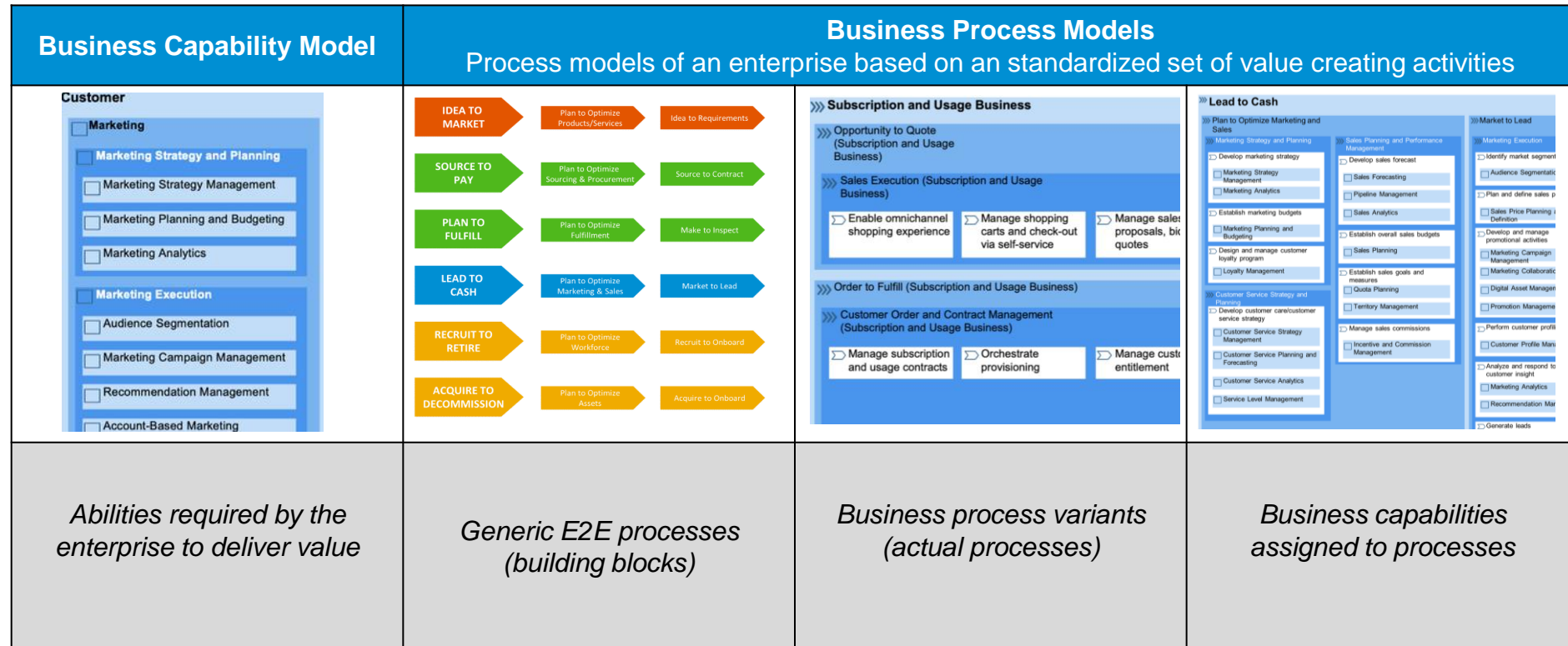


# Establishing the connections between Process, Capability, and Solution

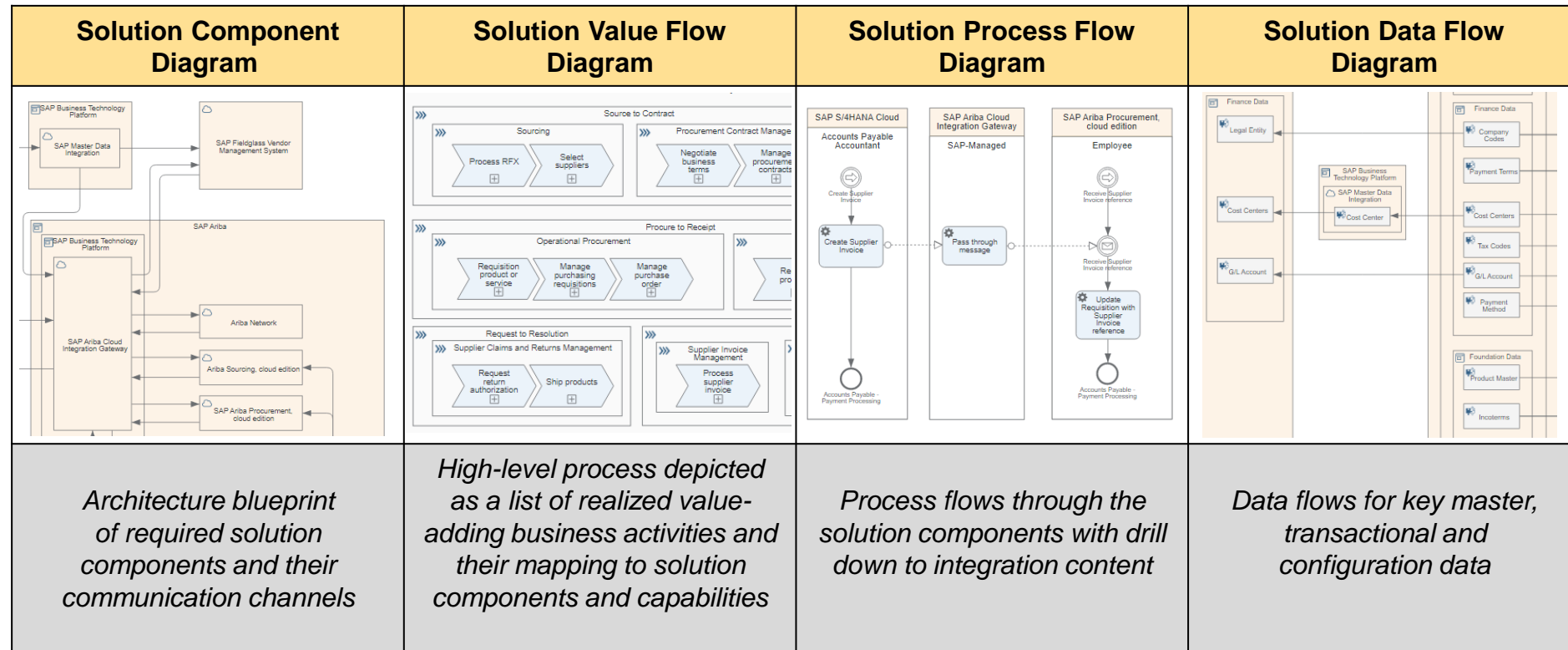




# SAP Reference Business Architecture – Artifacts



# SAP Reference Solution Architecture - Artifacts



# Agenda

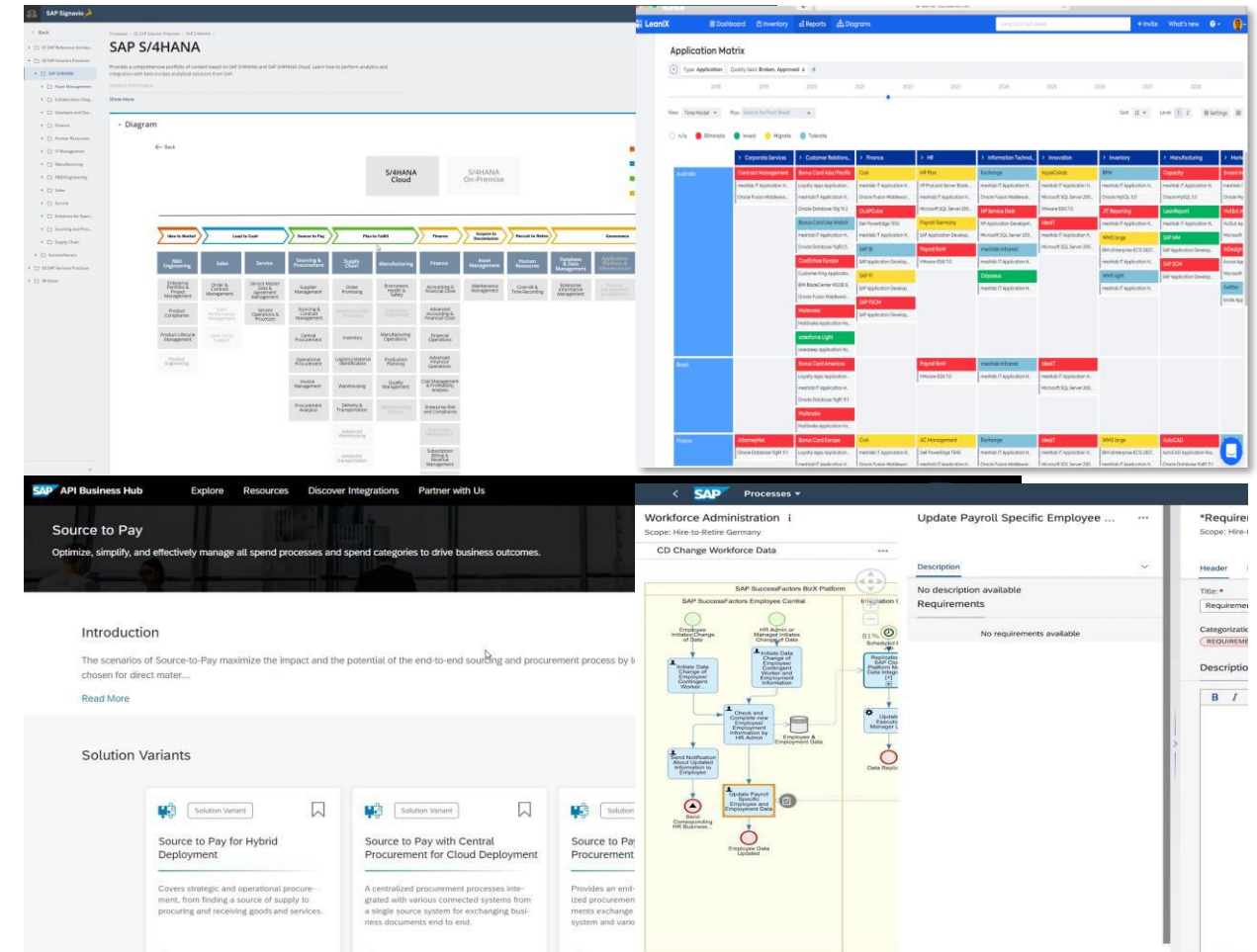
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- Govern Complex ERP Transitions
- Leverage SAP's EA Framework
- **Tooling**
- Learning opportunities
- Wrap-Up



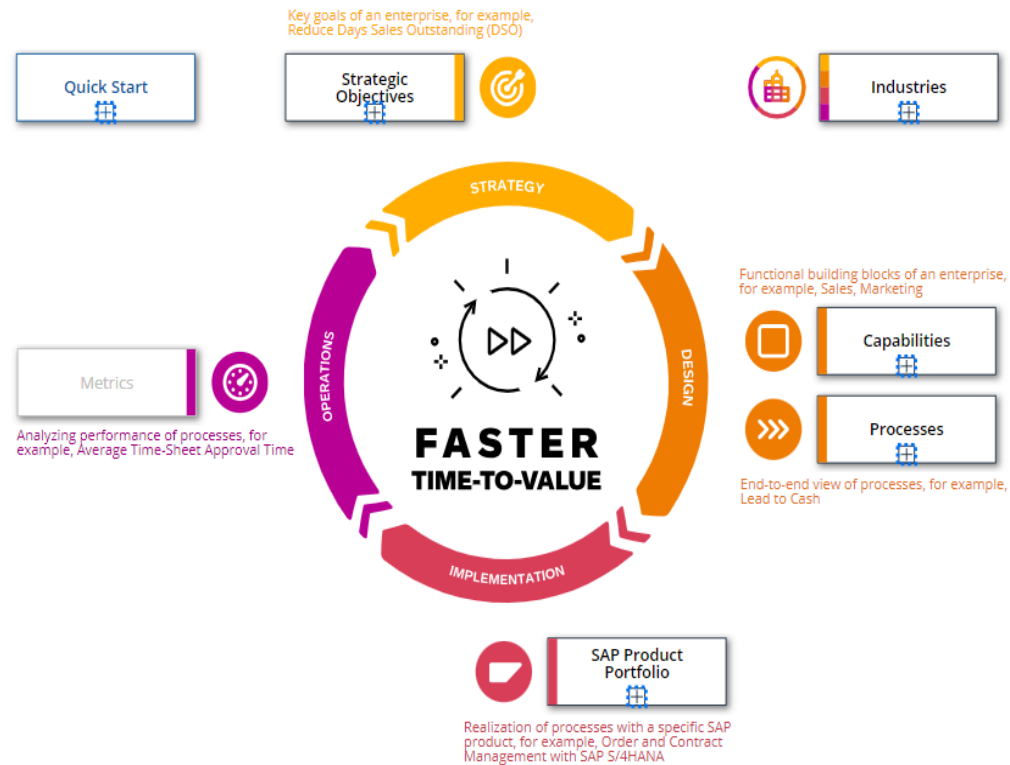
# SAP Enterprise Architecture Tooling

- SAP Signavio Process Explorer**  
 Explore, discover and adapt process architecture  
 Vision: extension to solution and enterprise/business architecture  
[Launched January 2023](#)
- LeanIX**  
 Supports As-is and to-be application footprint and application rationalization.
- SAP Business Accelerator Hub**  
 Explore Reference Solution Architecture down to runtime relevant artifacts
- SAP Cloud Application Lifecycle Management**  
 Support the lifecycle of solutions from build to run (project tracking, monitoring, automation)

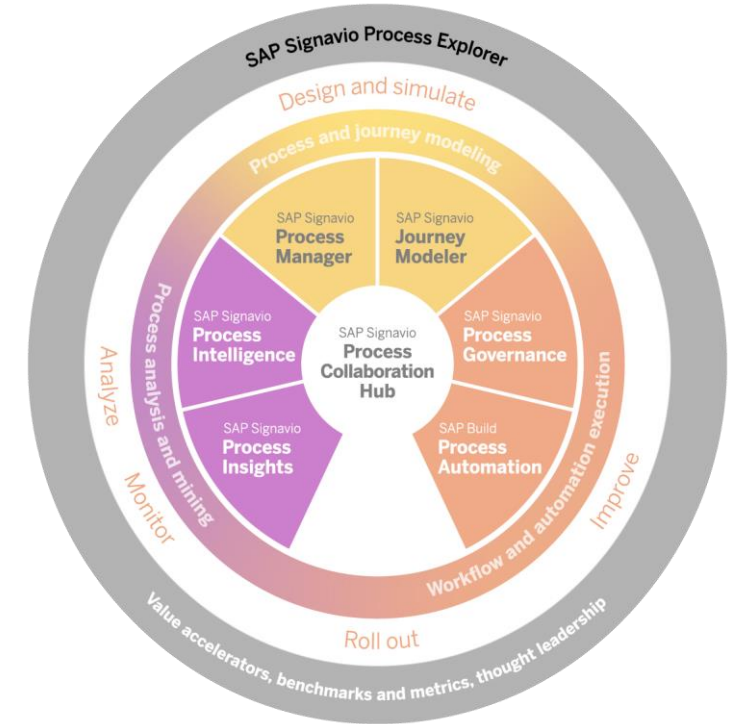


# SAP Enterprise Architecture Tooling

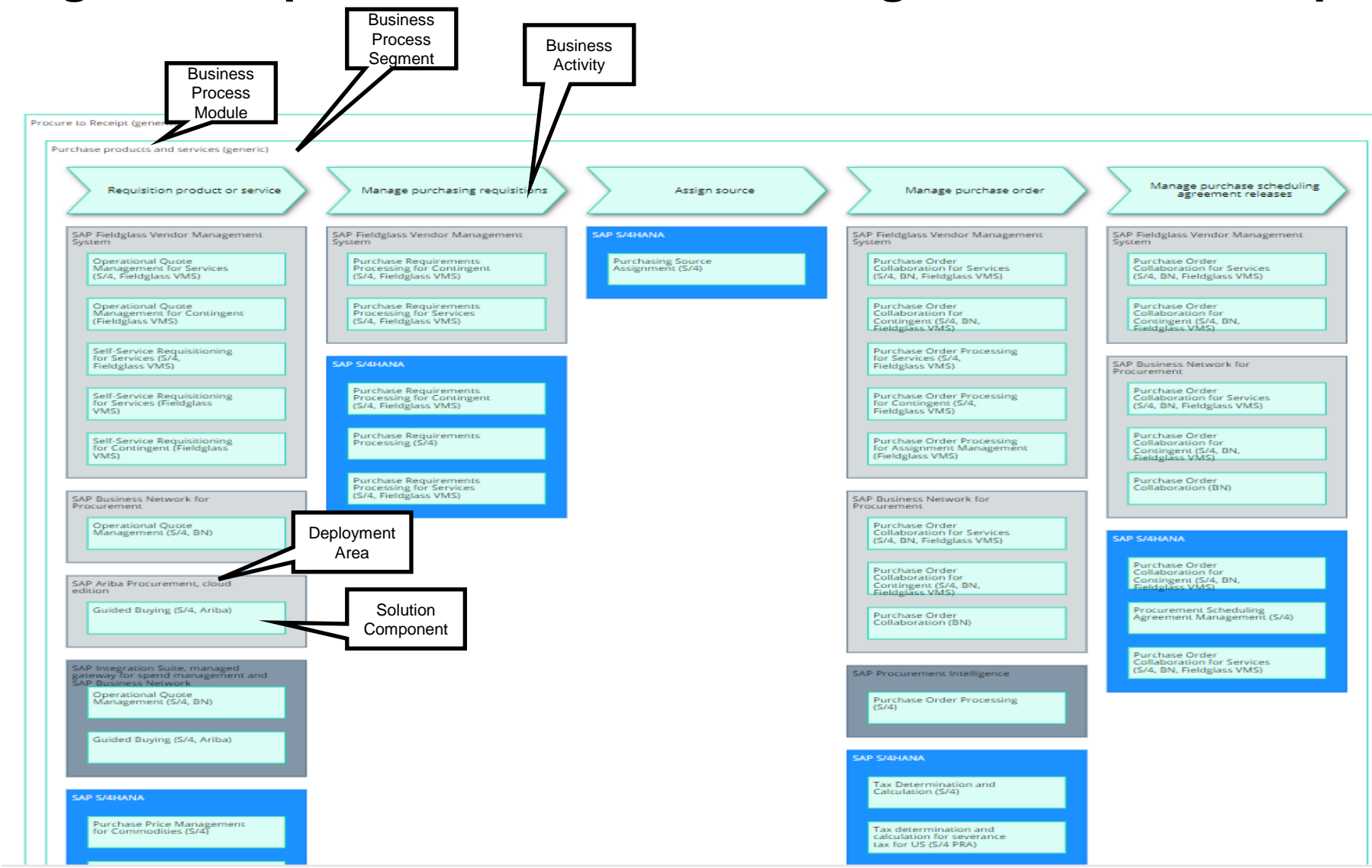
## SAP Signavio Process Explorer



### Featured Partner Value Accelerators



# Navigate & Explore Processes In The Signavio Process Explorer (SPX)





# SAP Reference Solution Architecture

**SAP** Business Accelerator Hub

ExploreResourcesDiscover IntegrationsPartner with Us

Login

## SAP Business Accelerator Hub

Accelerate your integrations, extensions, and innovations

Search by product, package, or category

Discover

Products, Processes, and Partners.

Explore

Integrations, APIs, and Accelerators.

Consume

Visualize and consume integrations and workflows.

Products

Business Processes

Categories

Industries

Partners

More

### Choose a Product to Explore

See the various resources that each product has to offer

View All Products

#### S/4HANA® Cloud

The next generation digital core designed to help you run simple in a digital economy. It provides the industry-specific capabilities and cloud benefits that your business needs.

#### S/4HANA®

A future-ready ERP system with built-in intelligent technologies, including AI, machine learning, and advanced analytics which transforms business processes with intelligent automation.

#### Customer Experience

Bring together customer data, machine learning technology, and microservices to power real-time customer engagements across sales, service, marketing, and commerce.

#### BTP

Accelerate business outcomes with integration, data to value, and extensibility.

Public

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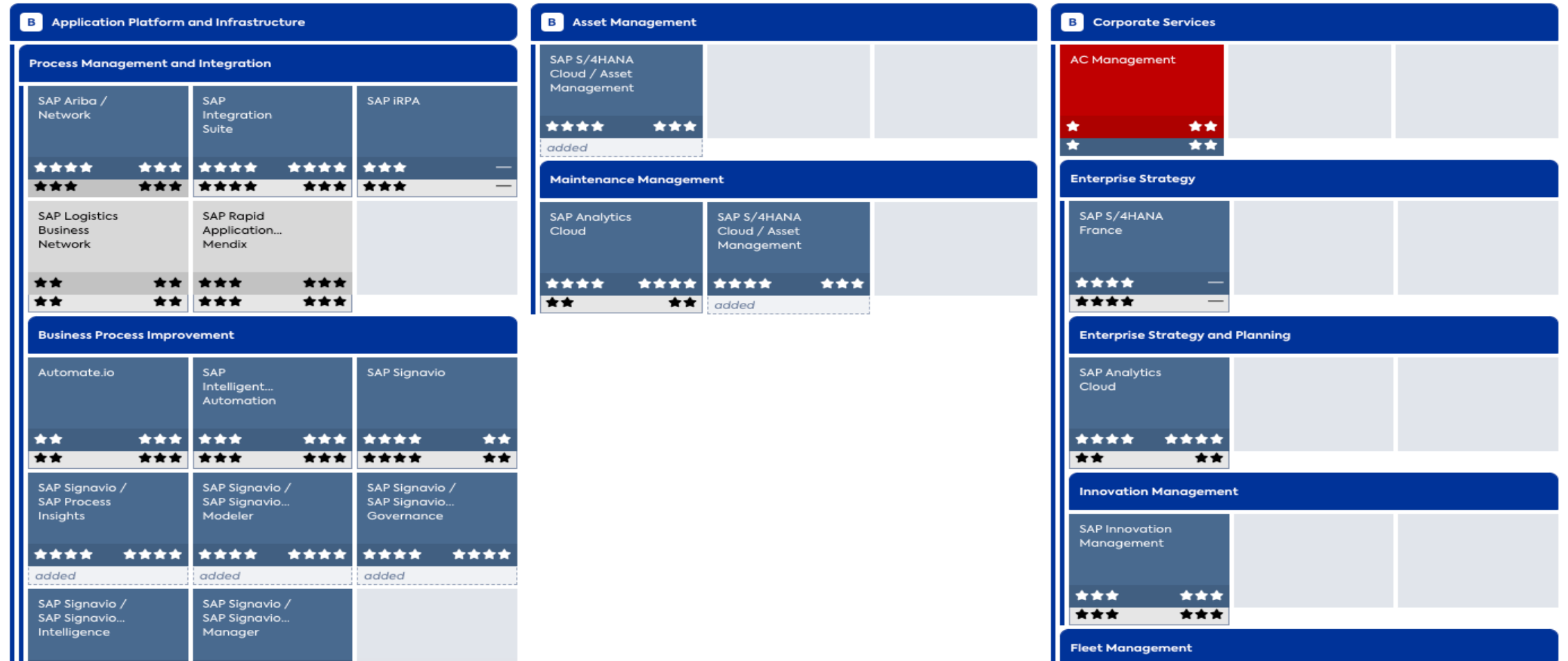
## »»» Solution Process

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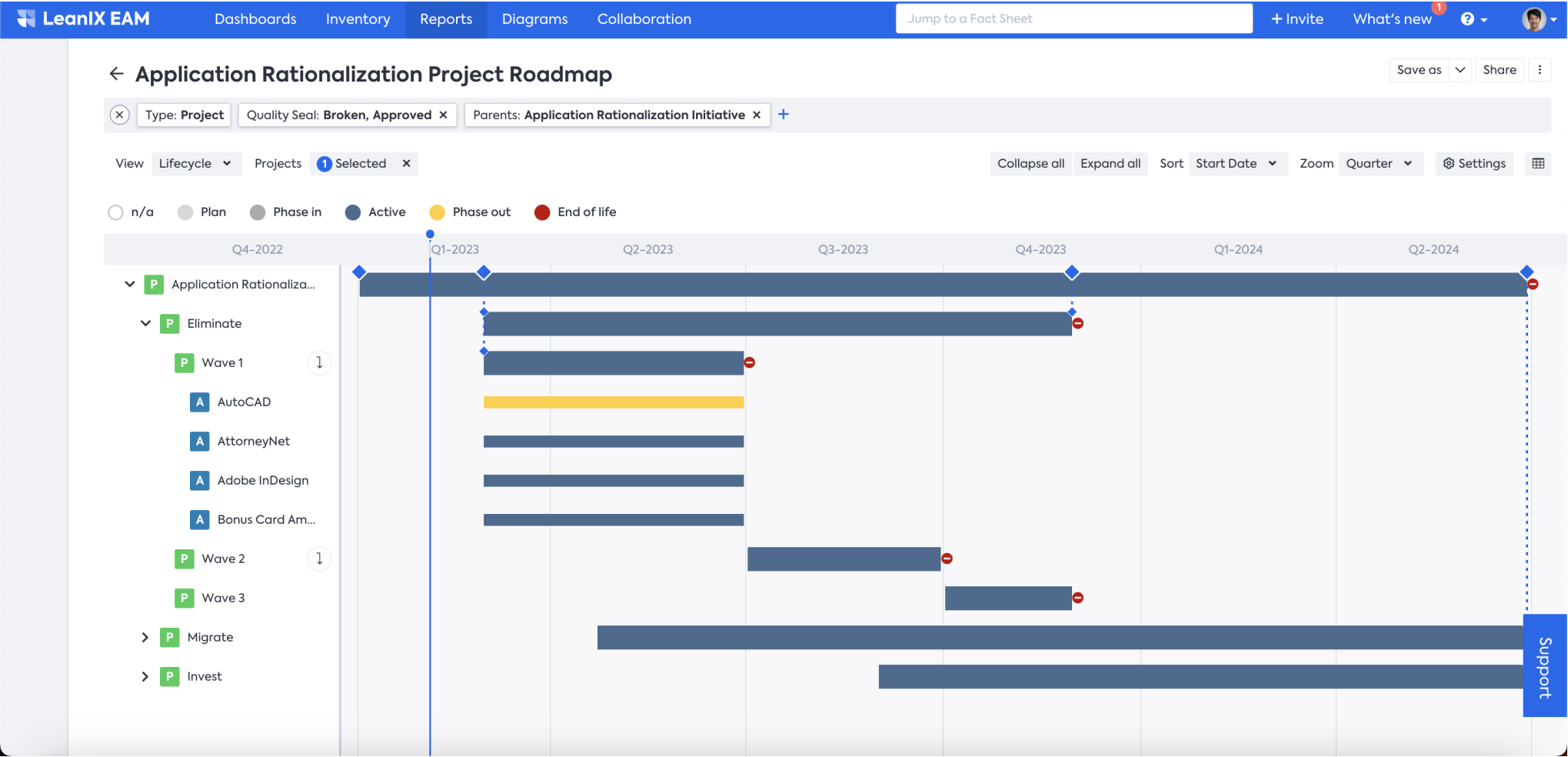
# LeanIX- To-Be Architecture Artifact

What will our Target Application Landscape be after migrating to SAP S/4HANA?

○ n/a    ● Plan    ● Phase in    ● Active    ● Phase out    ● End of life



# LeanIX- Application rationalization project roadmap

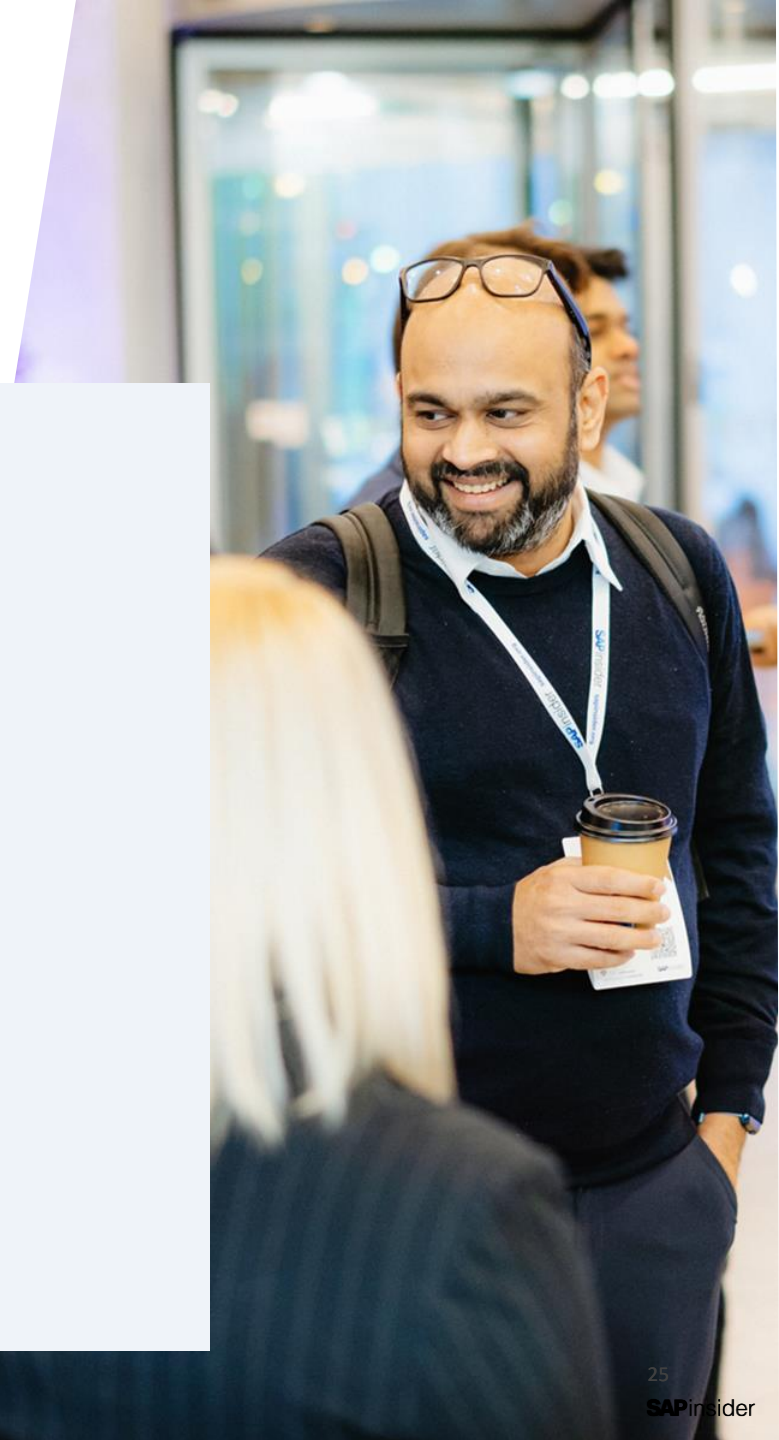




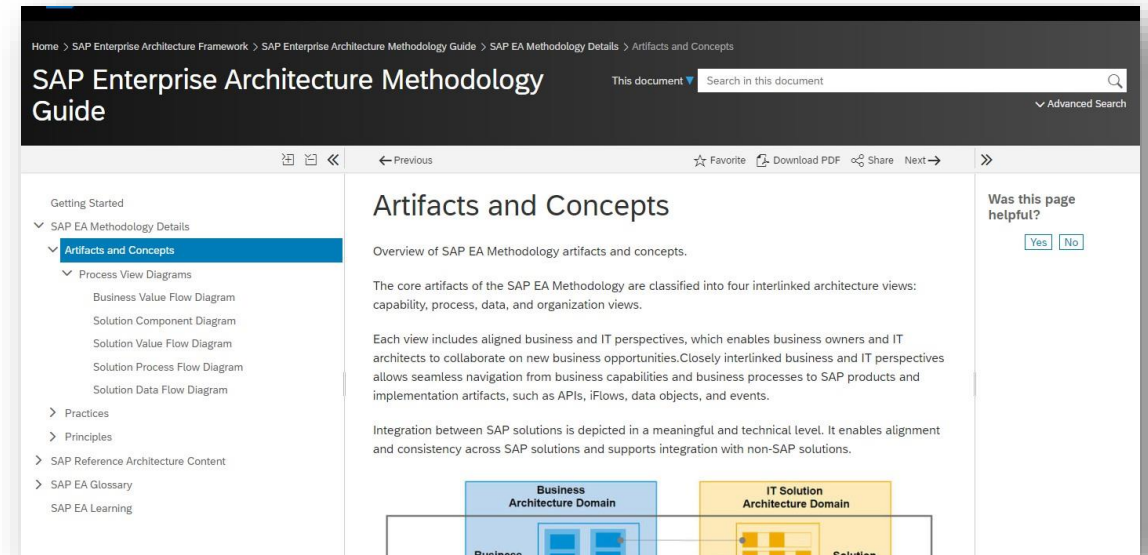
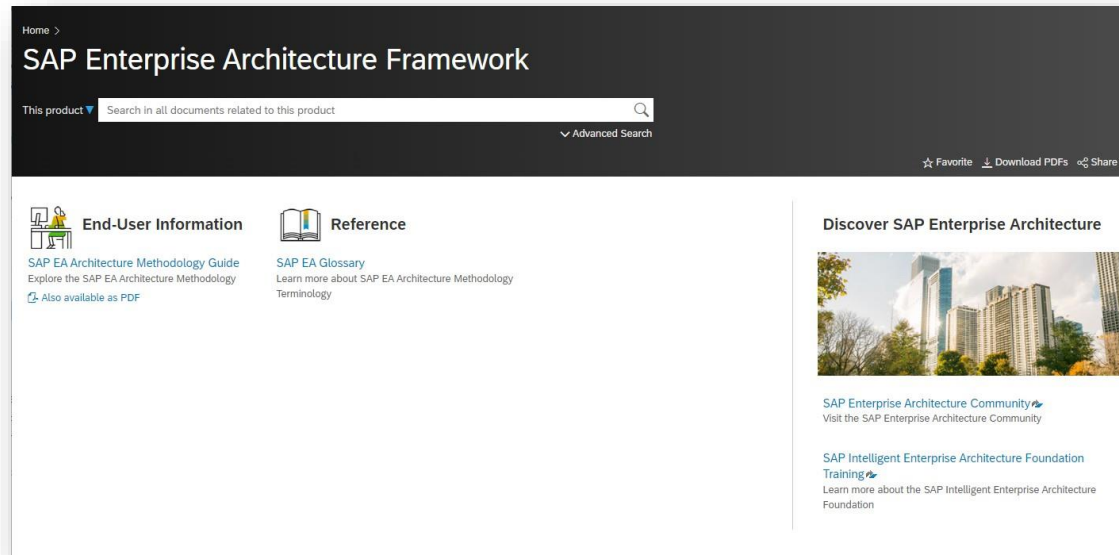
# Agenda

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# SAP Enterprise Architecture Framework @ help.sap.com



First version launched in January 2023

[https://help.sap.com/docs/SAP\\_ENTERPRISE\\_ARCHITECTURE\\_FRAMEWORK](https://help.sap.com/docs/SAP_ENTERPRISE_ARCHITECTURE_FRAMEWORK)

# SAP Enterprise Architecture Framework Community, Trainings, and Certification



## [Join the SAP Community](#)

Interest Group Enterprise Architecture



## [SAP Learning](#)

Upgrade and demonstrate advanced knowledge to orchestrate the development of a holistic enterprise architecture in close alignment with the company's business strategy and operating model

Course ⓘ • IEA10

### SAP Intelligent Enterprise - Architecture Foundation

Get an overview of what the SAP Enterprise Architecture Framework is about, how it is applied and how you can leverage it to accelerate your architecture engagements.

Certification • P\_SAPEA\_2023 • 3 hrs

### SAP Certified Professional - SAP Enterprise Architect

The "SAP Certified Professional - SAP Enterprise Architect" certification is intended for IT professionals who perform an SAP enterprise architect role. It validates the candidates advanced knowledge to orchestrate the...

SAP CERTIFICATION

SAP Enterprise Architect

CERTIFIED  
PROFESSIONAL  
2023



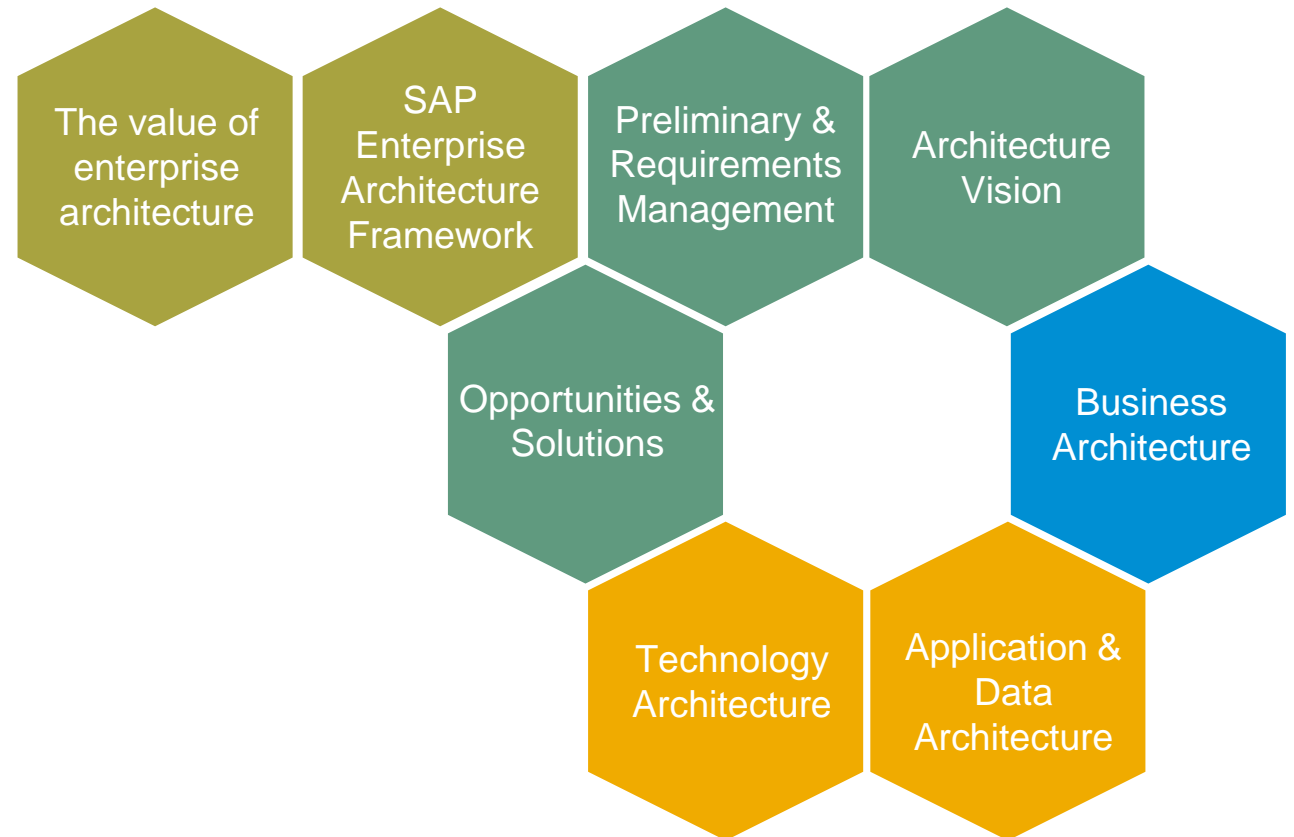
# SAP Intelligent Enterprise Architecture Training (IEA10)

Enterprise architects was ranked as [#1 role in the US in 2022](#) and high in-demand to drive digital transformation.

## Content highlights:

- Insights into SAP Reference Architecture content
- Guidance on how to apply the SAP Enterprise Architecture Methodology
- SAP Enterprise Architecture best practices
- Hands-on experience with and end-to-end case study from business strategy to implementation roadmap
- 5-day course (available since Jan 2023)
- Certification program incl. digital badge

Get more insights and book your seat [here](#)





# SAP Signavio Process Explorer – How to Get Started

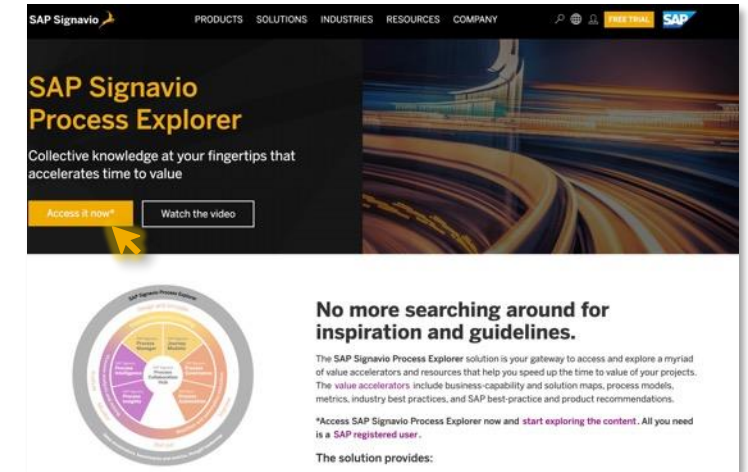


Visit [www.signavio.com](https://www.signavio.com)

To access the Value Accelerators via our SAP Signavio Process Explorer click on **“Products”**



Use the dropdown under “product” and click on **“SAP Signavio Process Explorer”** to access the page



When you enter the SAP Signavio Process Explorer page, click on **“Access it now”**. Users can access via P-, S- or I/D-user ID – to request a user ID, please direct them to [this SAP account creation site](https://www.signavio.com/account-creation)

Note – Currently for commercialization there are 2 ways regarding our Value Accelerators in SPX:

1. Explore: which means exploring the content in a free of charge and read-only format to all (requires an S-user which customer can request via SAP for free)
2. Consume: which means that if customers want to get the content in their own workspace to work with it, the content is « for free » but requires to have an active SAP Signavio license of Process Manager

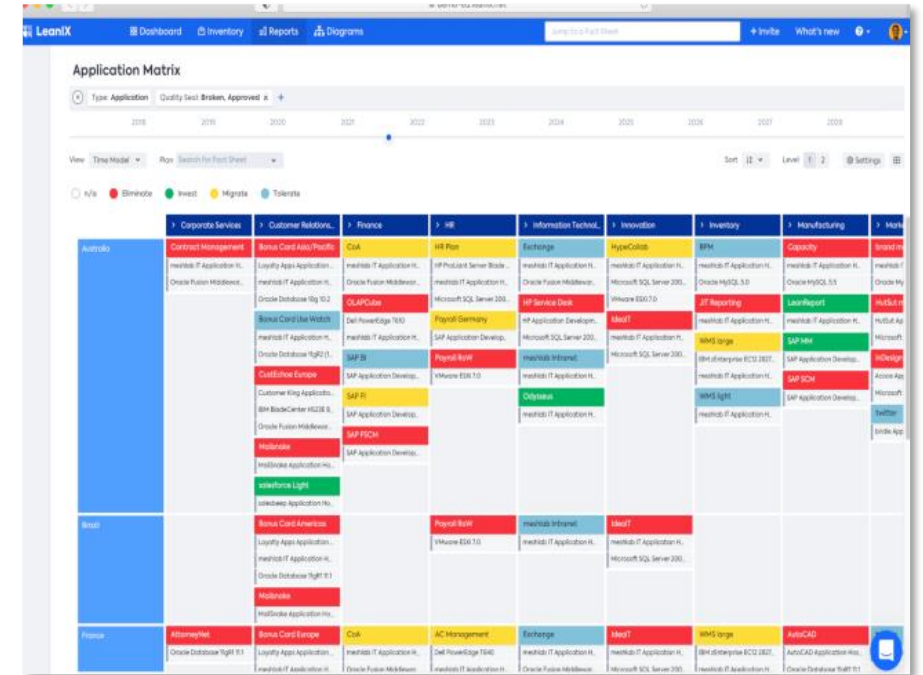


# LeanIX -- How to Get Started

Request a Demo @ [LeanIX Demo | Enterprise Architecture Management](#)

## Further Resources

- LeanIX with SAP Activate whitepaper [SAP Activate Methodology: Improve Project Quality and Success | LeanIX](#)
- LeanIX Training @ LeanIX Academy [LeanIX Academy](#)



# Key Points to Take Home

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- Awareness on what business capabilities are enabled by specific solution process
- Alignment of S/4HANA deployment roadmap to business objective and priorities
- Avoid application duplications by having a unified view of application with their business purpose & their lifetime
- Implement process monitoring and implement process improvements to deliver continuous value to business.

# Thank you! Any Questions?

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Please remember to complete  
your session evaluation.

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