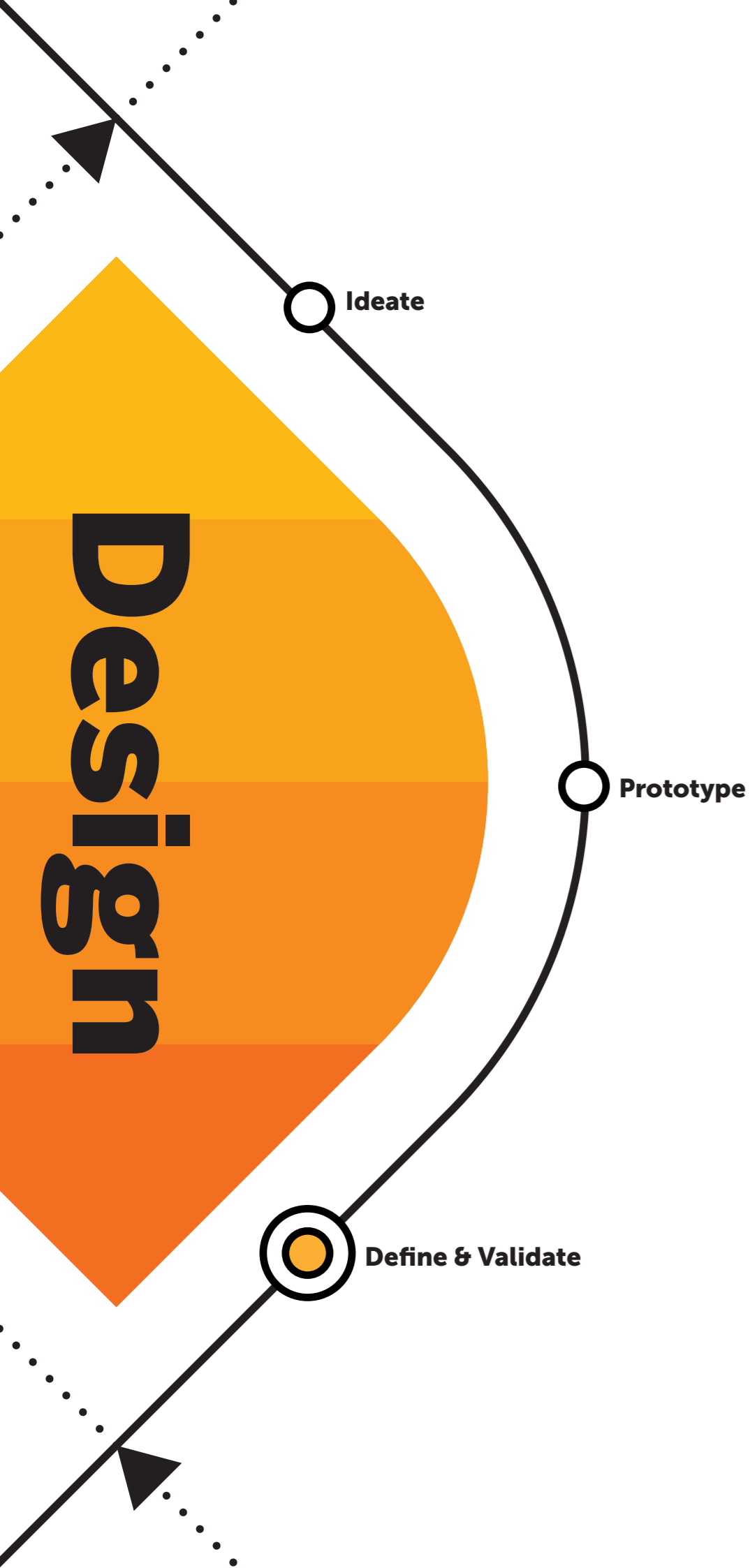


DESIGN PHASE / Solo Activity

Baseline Solution Architecture

Describe existing applications and IT components relevant for the use case.



Why to create a Baseline Solution Architecture?

The Baseline Solution Architecture describes applications, software components and functional components currently in use and relevant for the use case/request of architecture work.

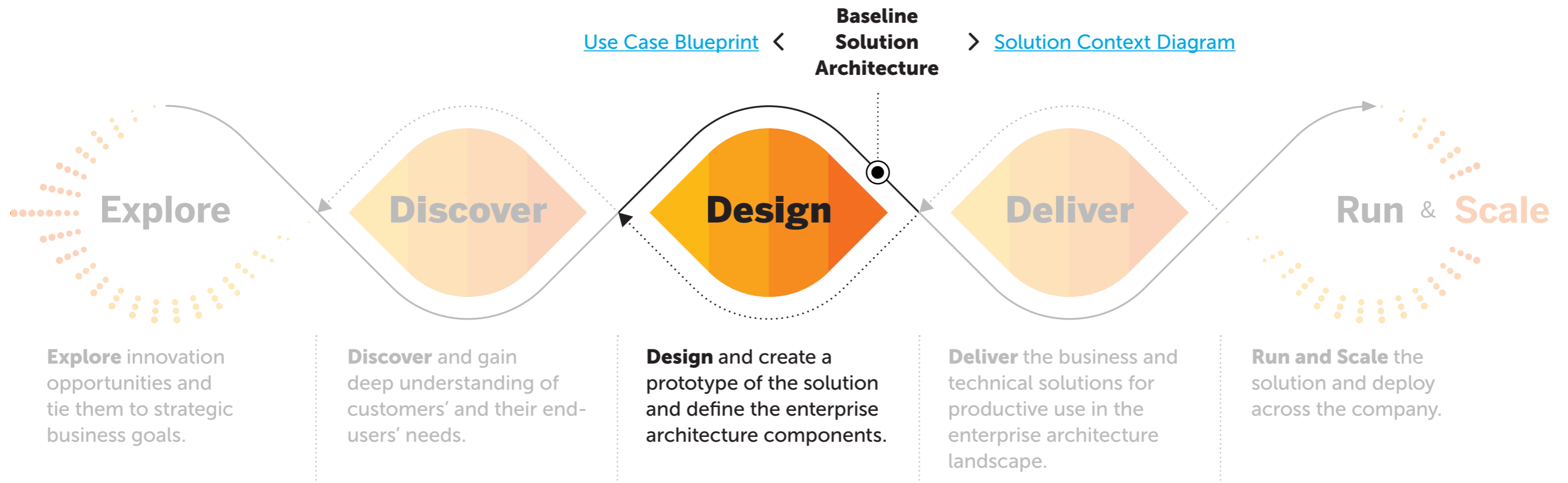
The reason to create the Baseline Solution Architecture is to identify building blocks that can be reused for designing the architecture or identify components which need to be integrated via interfaces like APIs, Events or Data replication, for example.

It also shows the scope of change initiatives resulting from the aspired solution to the current IT landscape.

The Baseline Solution Architecture is important, because it shows what IT components, or Building Blocks, are already in place and can be considered when creating the [Solution Concept](#) and [Solution Realization Diagram](#) in the next steps.

When to create a Baseline Solution Architecture?

The Baseline Solution Architecture is created during the Design phase after the [Use Case Blueprint Diagram](#).



Lear more about SAP's Human-Centered Approach to Innovation: <https://experience.sap.com/designservices/approach>

How to create a Baseline Solution Architecture?



Duration
30 - 60 Minutes



Participation
1 - 3 People



Roles
Architects



Use input from

- [Stakeholder Matrix](#)
- [Statement of Architecture Work](#)
- [Use Case Blueprint Diagram](#)

Steps

1

List all the current applications and IT components (Building Blocks) that are relevant for the use-case (scenario).

2

Understand the dependencies between the identified IT components (functional dependency in terms of request-response and/ or information flow).

3

Add users and roles currently interacting with the IT components. It is likely, that some users and roles are identical to the ones identified for the [Solution Context Diagram](#) and are also part of the [Stakeholder Matrix](#).

Expert Tips

Considering the [Statement of Architecture Work](#), it is worth emphasizing that not the complete corporate IT landscape needs to be represented in the diagram. Instead, focus on the areas of interest, the areas that are in scope of your architecture engagement/ request of architecture work.

The [Use-Case Blueprint Diagram](#) can be used to identify existing IT systems relevant for the architecture. Consult IT and business stakeholders knowing the context of your use-case (the request of architecture work) to understand which existing IT components should be considered.

Example

Baseline Solution Architecture?

