

ARCHITECTURE THINKING MINDSET / DESIGN PHASE / VALIDATE

# Specify the Baseline Solution Architecture

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

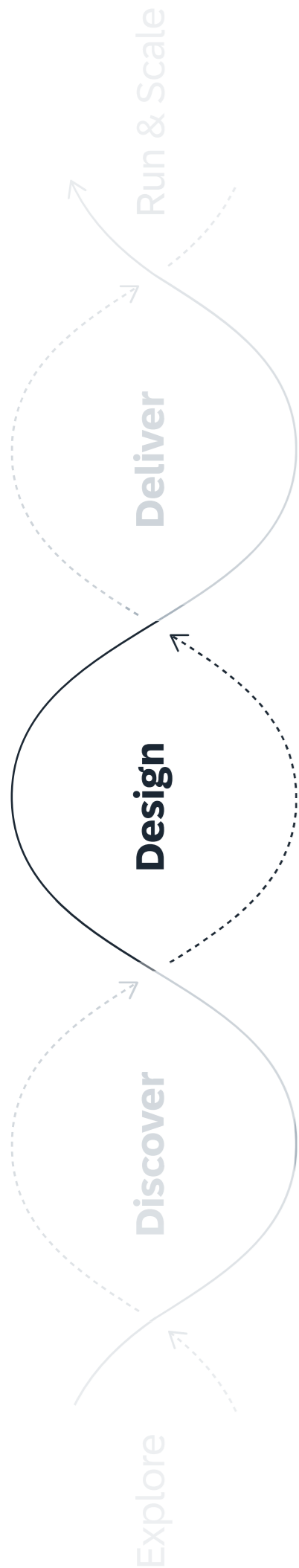
## Why To Specify the Baseline Solution Architecture

The “Baseline Solution Architecture” outlines the applications, software components, and functional elements currently in use and relevant to the specific use case or architectural request.

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.

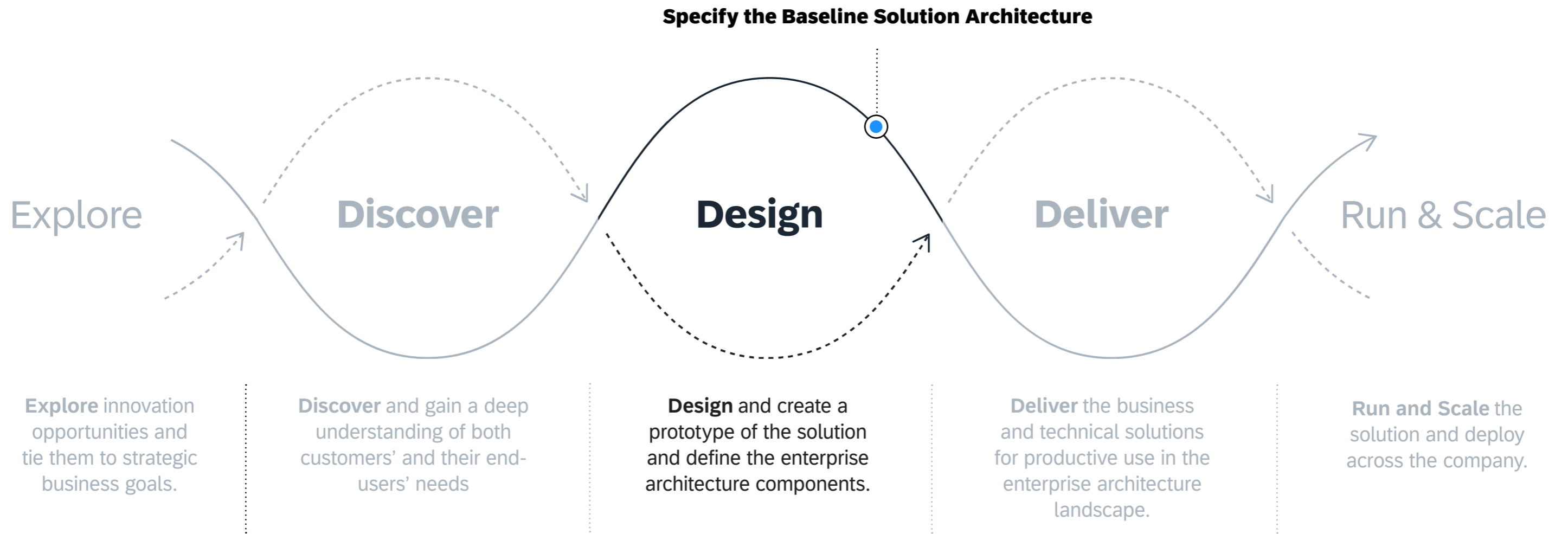
It also shows the scope of change initiatives resulting from the aspired solution to the current IT landscape.

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 Specify the Baseline Solution Architecture

The Baseline Solution Architecture is created during the Design phase after the **Use Case Blueprint Diagram**.



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

# How To

## Specify the Baseline Solution Architecture



Duration  
**30 - 60 Minutes**



Participation  
**1 - 3 People**



Roles  
**Architects**



Use Input From

- **Map Architecture Stakeholders**
- **Identify the Scope of Your Architecture**
- **Create a 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, including functional dependencies in terms of request-response interactions 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's important to emphasize that the entire corporate IT landscape does not need to be represented in the diagram. Instead, focus on the areas of interest – those within the scope of your architectural engagement or request for architecture work.

The **Use Case Blueprint Diagram** can be used to identify existing IT systems relevant for the architecture. Consult IT and business stakeholders familiar with your use case (the architecture work request) to determine which existing IT components should be considered.

# Example

## Baseline Solution Architecture

