

ARCHITECTURE THINKING MINDSET / DESIGN PHASE / VALIDATE

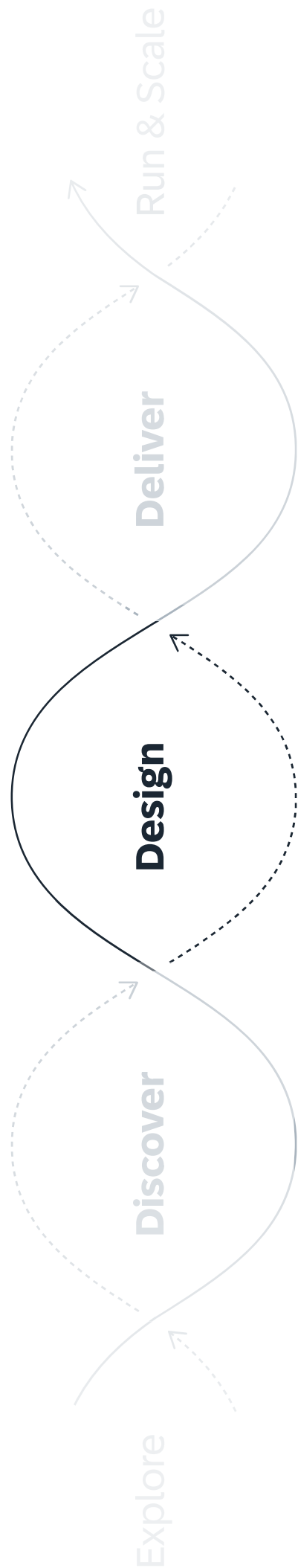
Generate a Solution Concept Diagram

A high-level representation of the aspired solution via architecture building blocks.

Why To Generate a Solution Concept Diagram

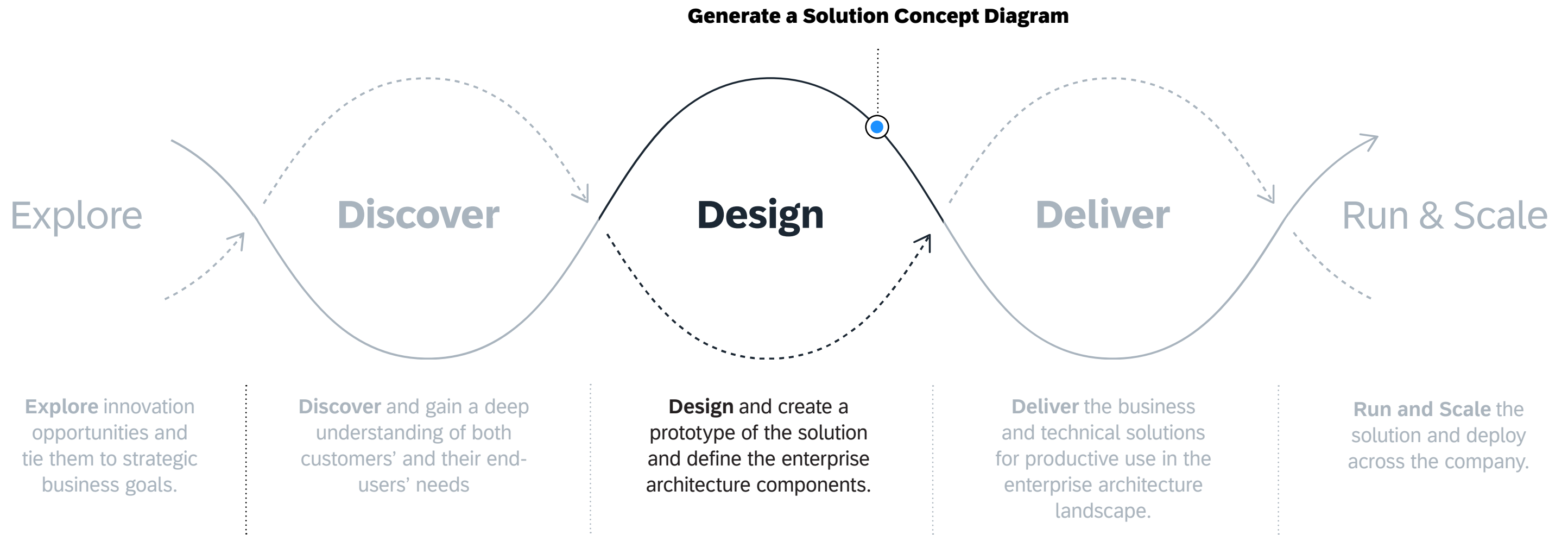
The “Solution Concept Diagram” is a transition step between the **Solution Context** and the **Solution Realization Diagram**. It is a macro version of your architecture, mainly comprised of vendor-neutral architecture building blocks.

The purpose of the Solution Concept Diagram is to provide a high-level representation of your solution, designed to meet the requirements of your architecture engagement. Think of the solution concept as a “pencil sketch” of your anticipated solution, based on architectural building blocks (ABBs).



When To Generate a Solution Concept Diagram

The Solution Concept Diagram is created during the Design phase after the **Baseline Solution Architecture**.



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

How To

Generate a Solution Concept Diagram



Duration
30 - 60 Minutes



Participation
1 - 3 People



Roles
Architects



Use Input From

- **Visualize the Solution Context**
- **Specify the Baseline Solution Architecture**

Steps

- 1** Identify high-level architectural building blocks that are needed to satisfy the key objectives and business capabilities as described in the **Solution Context Diagram**. Translate the business-oriented capabilities describing the aspired solution in the Solution Context, to respective architecture building blocks (ABBs).
- 2** Outline the relationships between the identified building blocks, which may include request-response interactions or information flow.
- 3** Add users, Roles, and organizational units including their relationship to the architecture building blocks.

Expert Tips

By mapping the capabilities of the aspired solution to architecture building blocks, it might be the case that one business capability directly translates to one ABB. It might also be the case that one business functionality translates to many ABBs related to each other.

To ensure the quality of the Solution Concept Diagram, check if all required business capabilities are addressed with corresponding ABBs.

Example

Solution Concept Diagram

