

DELIVER PHASE / Joint Activity

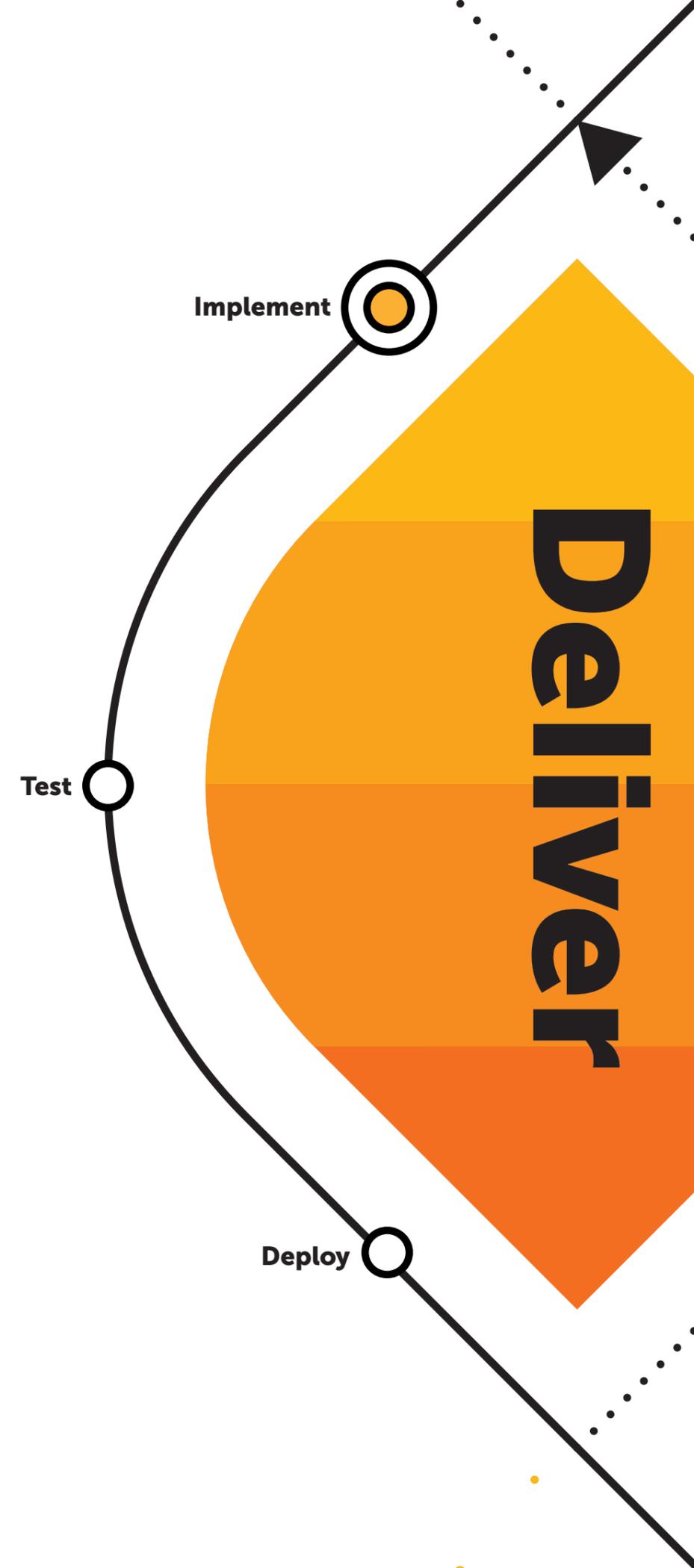
Environments & Location Diagram

Shows the geographical location of building blocks and runtime environment specific details

Why to create a Environments & Location Diagram?

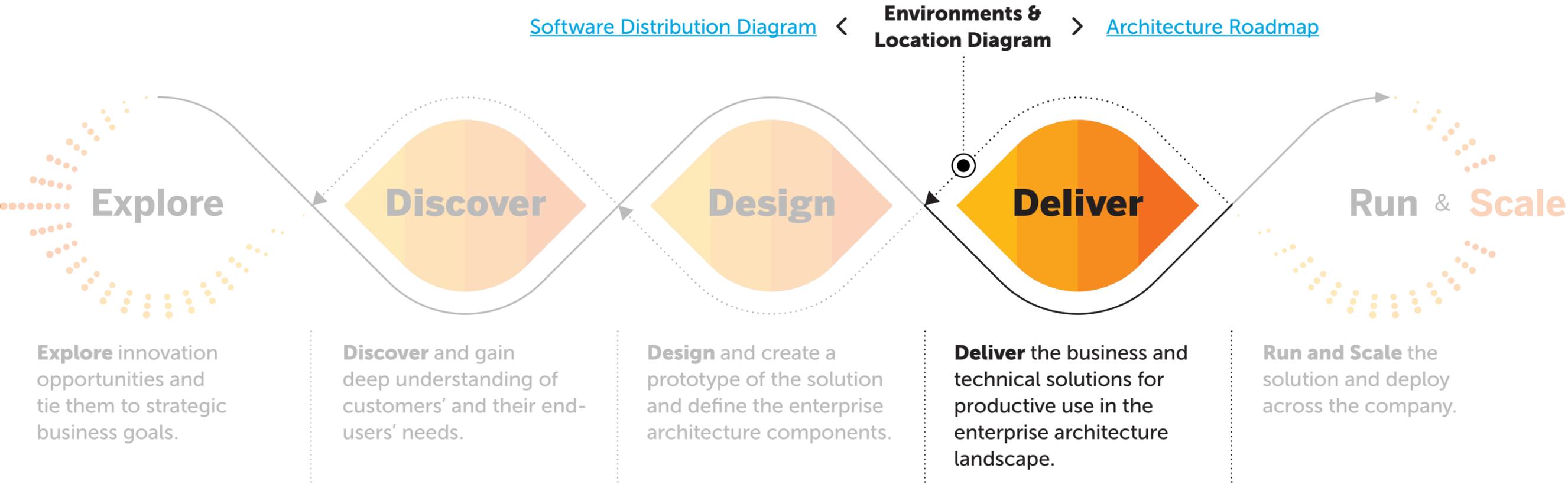
The Environments & Location Diagram shows which Architecture Building Blocks and Solution Building Blocks are deployed at which locations as well as the blocks' interactions.

With the help of the Environments & Location Diagram, you better understand the interaction between building blocks across different geographical locations. For this, you also add the locations of the users interacting with the aspired solution.



When to use a Environments & Location Diagram?

The Environments & Location Diagram is created during the Deliver phase after the [Software Distribution Diagram](#).



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

How to use a Environments & Location Diagram?



Duration
approx. 30 - 60 minutes



Participation
1 - 3 People



Roles
**Enterprise architects,
developers, and end
users**



Use input from

- [Software Distribution Diagram](#)
- [Baseline Solution Architecture Diagram](#)
- [Solution Context Diagram](#)
- [Solution Realization Diagram](#)

Steps

- 1 Pick up the previously created [Software Distribution Diagram](#) and evolve it into the Environments & Location Diagram.
- 2 Identify the deployment environments in which your building blocks are running. Add more details to the “landing zones” of the Software Distribution Diagram by explicitly naming the data center providers, the data center location and infrastructure specific details per “landing zone”.
- 3 Map the solution building blocks, as defined in the Solution Realization Diagram, to the deployment environments.
- 4 Visualize the relationships of type request-response or information flow between the building blocks. This helps to understand network requirements.

Expert Tips

Consider the [Solution Context Diagram](#), to pick up the existing IT systems and user’s interacting with the solution. For this, you can also look at the [Baseline Solution Architecture Diagram](#).

The list of solution building blocks, which you will map to the locations and deployment environments, is taken from the [Solution Realization Diagram](#).

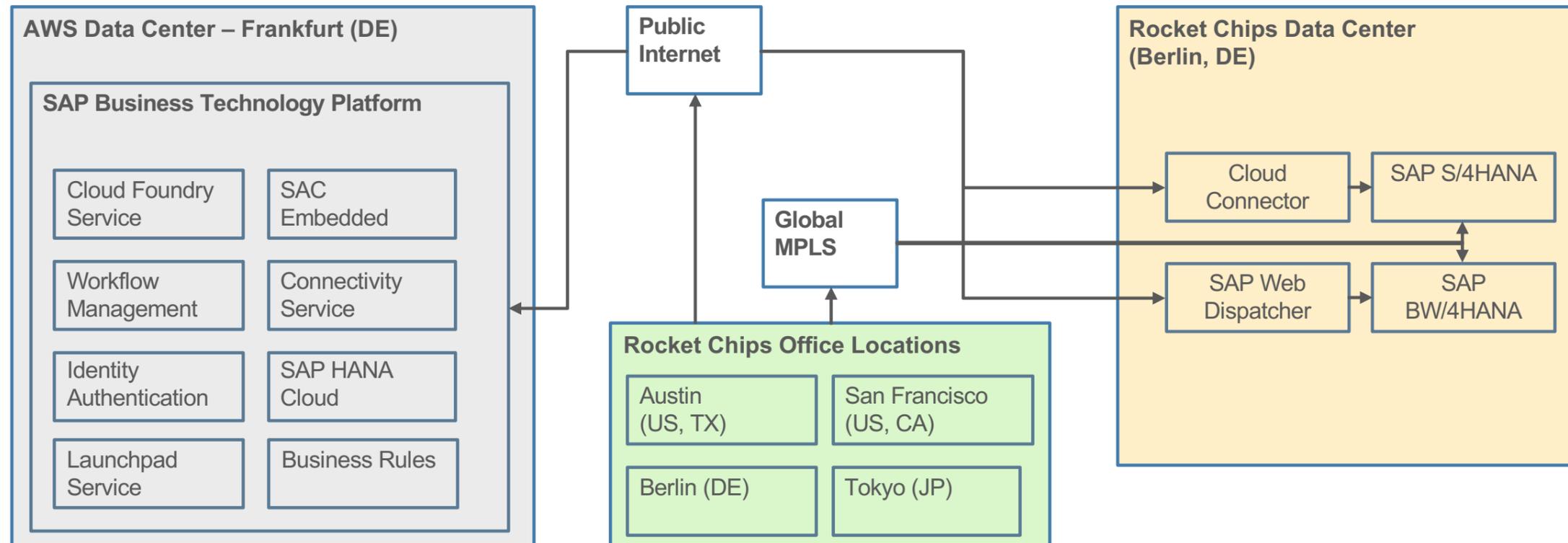
You can also outline different deployment environments such as development, test and production.

Add technical details about the specific runtime environments of the Solution Building Blocks as well as network related details, in case they are relevant.

Remember to update your [Architectural Decisions List](#).

Example

Environments & Location Diagram



Legend:

- Request response:
- Information flow from source to target:

Get started with the included Power Point Template