

SEFS Architecting Fundamentals

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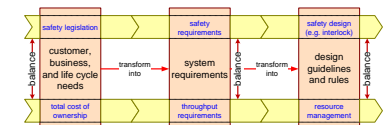
Abstract

Architecting transforms the needs and understanding of the current situation into a system specification and high-level design. The architecture description captures the overview, the rationale, and provides guidance and rules for the design.

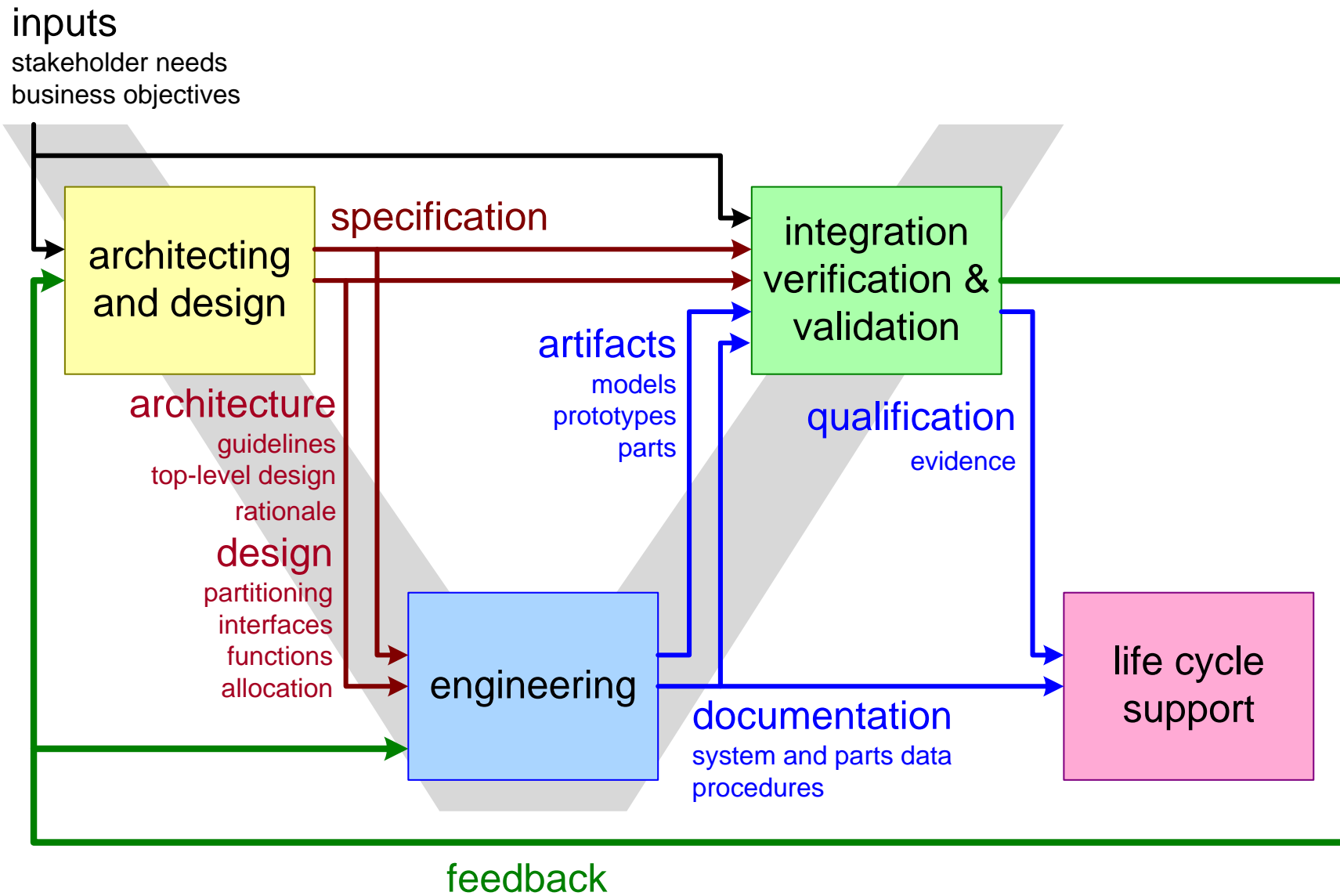
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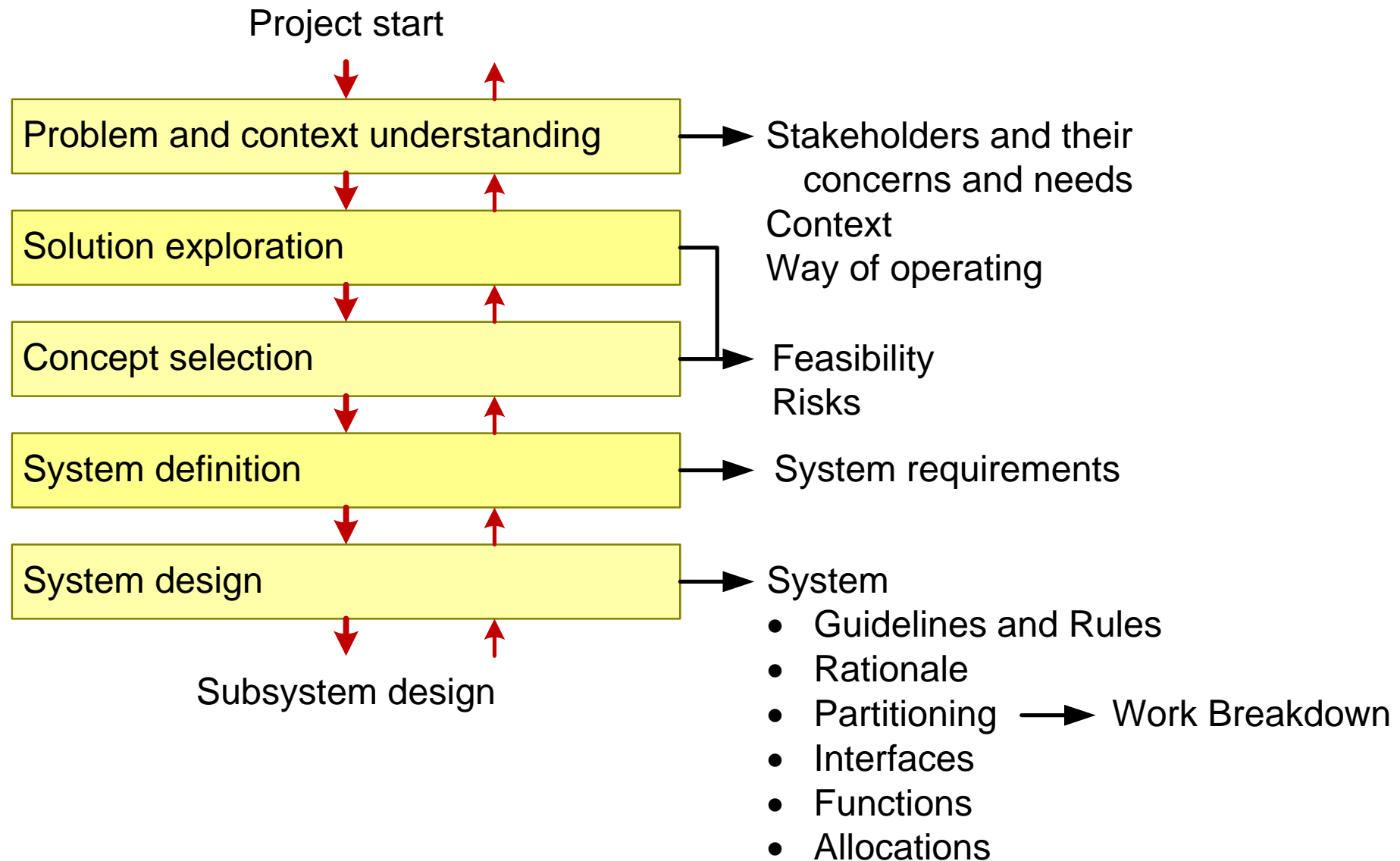
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Architecting and Design in the V-model



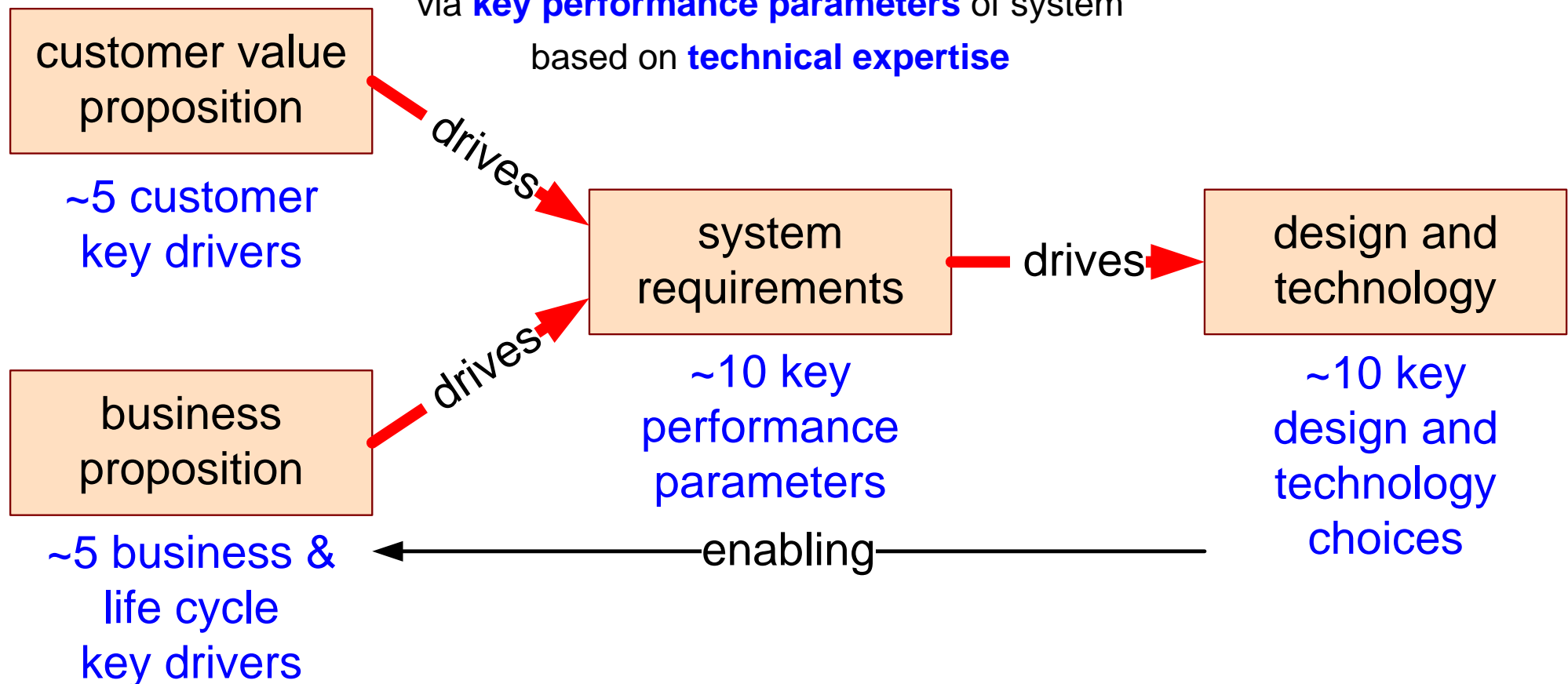
Architecting Workflow



The Architecture Captures the Rationale

Systems Engineering: *Fitness-For-Purpose*

Achieving **customer** and **business key drivers**
via **key performance parameters** of system
based on **technical expertise**



Architecture Provides Guidelines and Rules

