

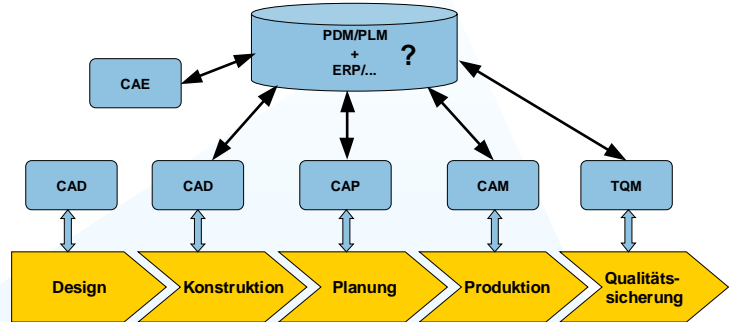
# CAD-CAP - Coupling



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**Vision:**

A continuous concept for data integration across the whole product development process



**Research Questions:**

**Conceptual**

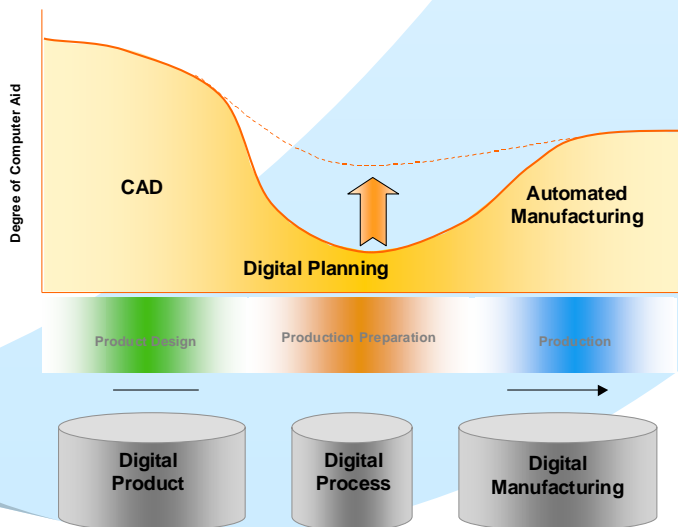
- What kind of information do different departments need?
- How is the information workflow?
- How are the informations communicated?

**Practical**

- How can informations be stored and transported?
- What are the different tools able to do?
- Where do we need interfaces and how should they look like?

**Theoretical foundation:**

- Theory of Property Driven Design (PDD)
- Possible new interpretation of the Theory of Transformations
- Universal Design Theory
- Working Psychology



**Current Situation:**

Although IT-Support is realised in most process steps within engineering design, digital planning tools are hardly used.

**Goal:**

Finding new concepts for the establishment of planning within the digital factory.



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