

Capability Driven Development for Digital Enterprises and Digital Transformation Initiatives

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- 1. Background & Motivation**
- 2. Example Use Case**
- 3. Research Questions**
- 4. Masters Thesis Schedule**

Senacor is an independent leading specialist for large business IT transformations

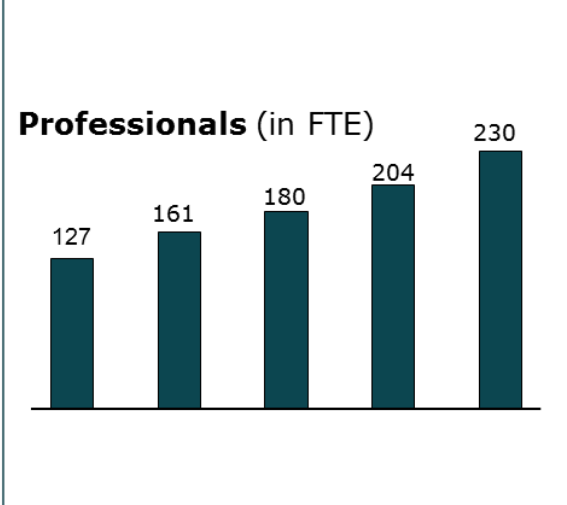
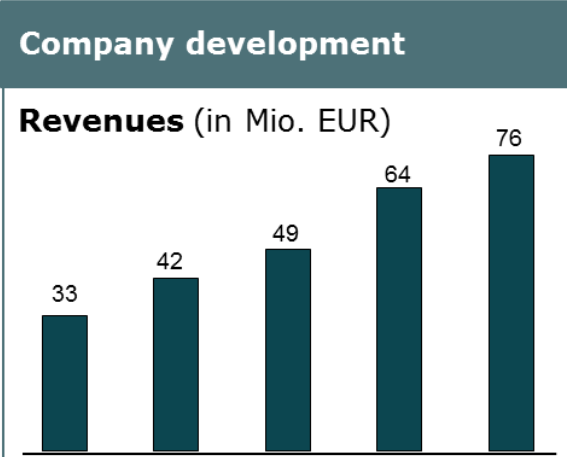


Service Profile

- **Focus:** Structural change of large corporations' business processes and IT
- **Spectrum:** Strategy, concept, planning, steering and implementation support for complex transformations
- **Sectors:** Financial Services, Automotive, Logistics & Transportation, Telecommunication

Key Facts

- **Established:** 1999
- **Work force:** 250 FTE
 - Management Consultants
 - Business Solution Consultants
 - Technology Solution Consultants
 - Program/Project Managers
 - Software-Engineers/Architects
- **Ownership:** Partnership and private shareholders



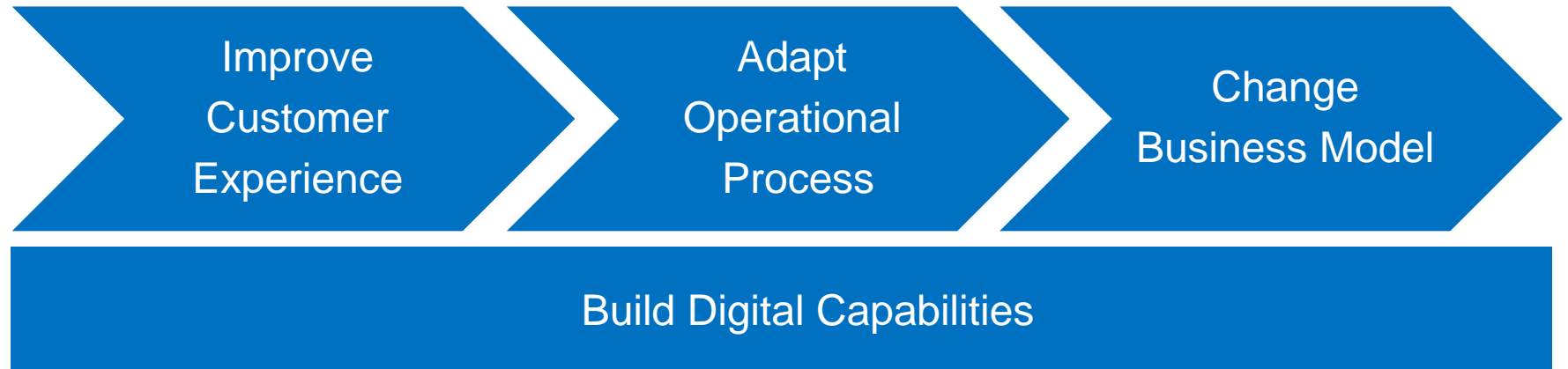
Office Locations

- 7 offices in DACH
- International projects for German multi-nationals all over the world

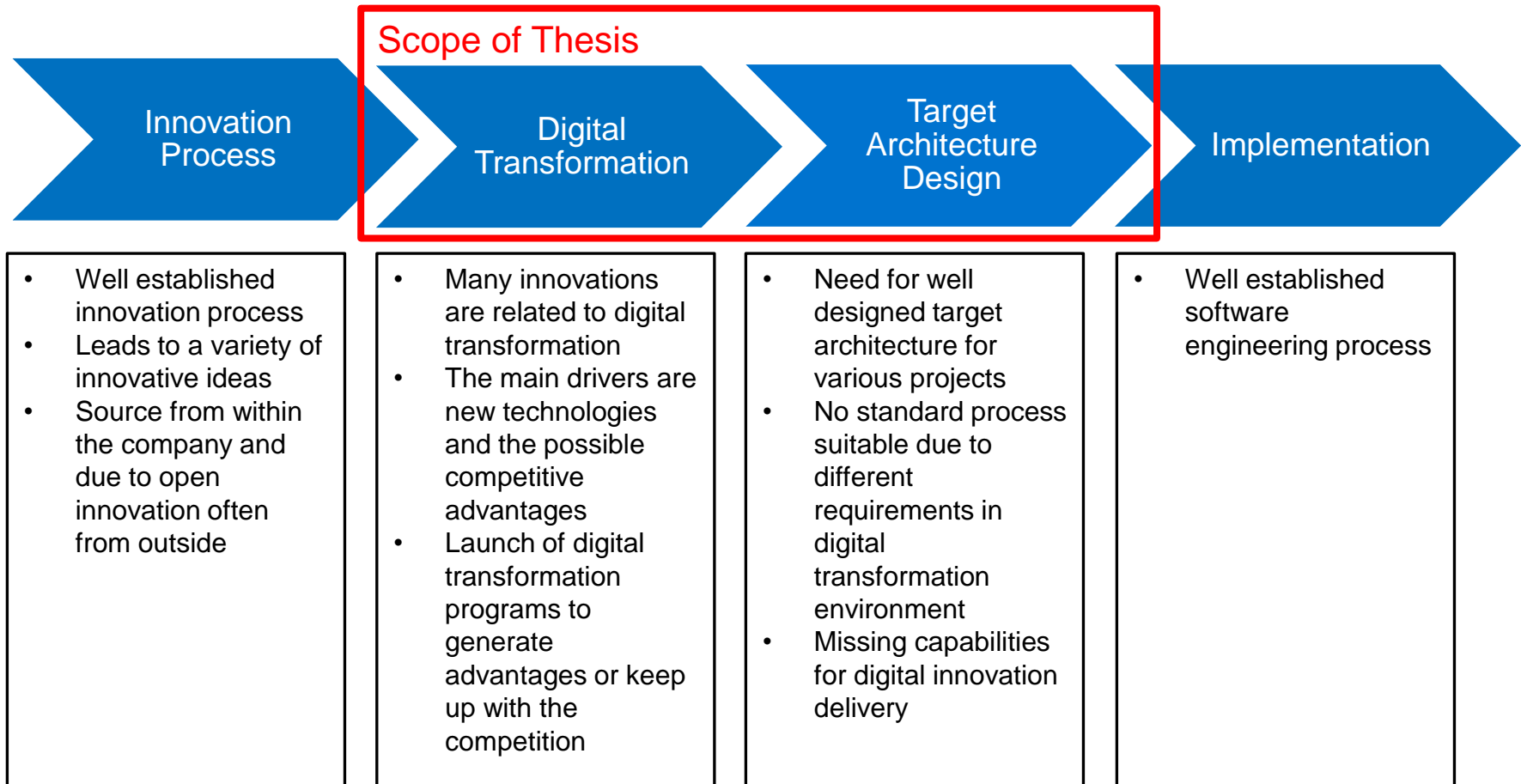
Definition

Digital transformation changes through the possibilities and potential of digital media and the Internet, the foundation of any company's strategy, structure, culture and its processes.

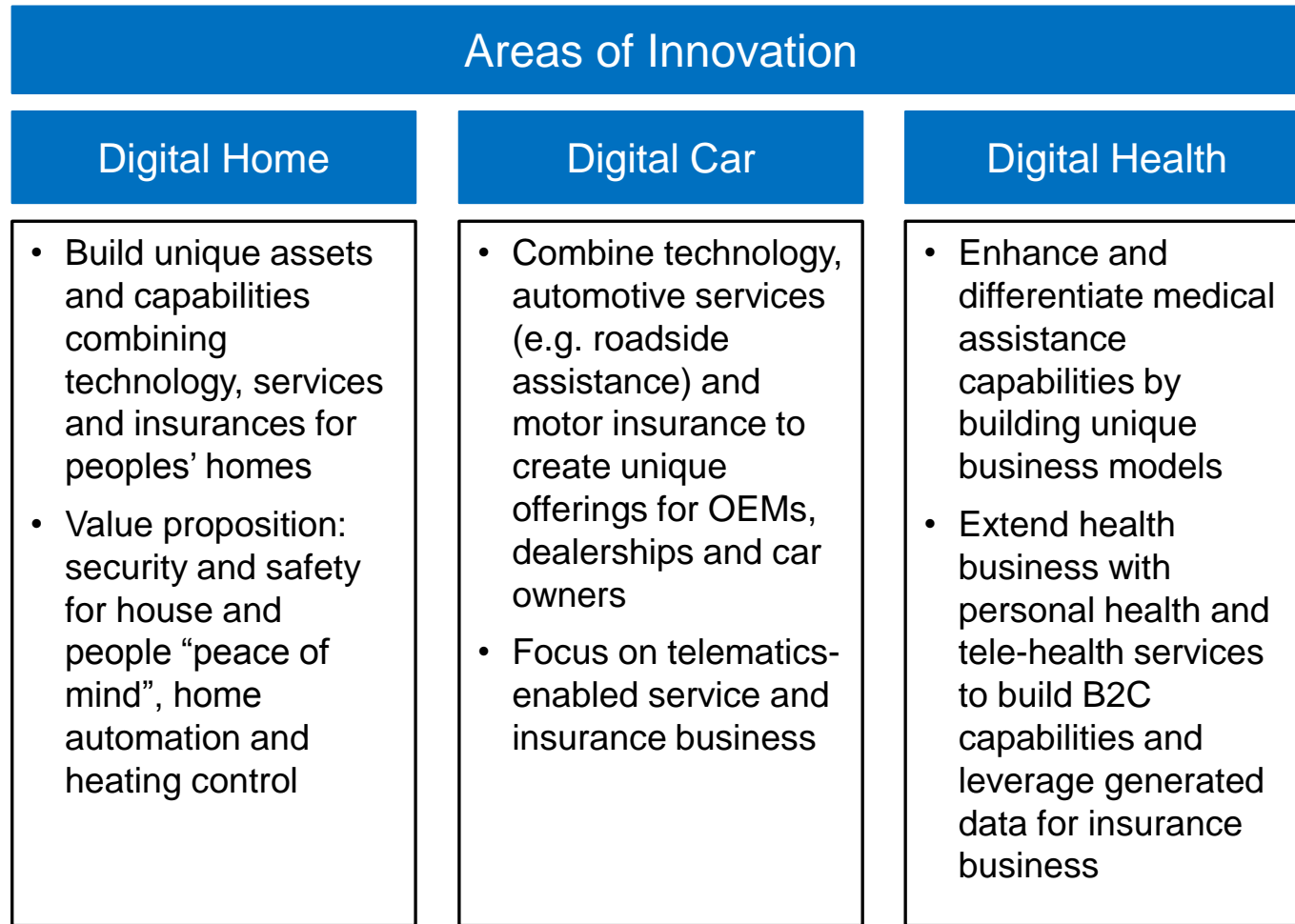
Stages



Source: Westerman, George; Calmèjane, Claire; Bonnet, Didier (2011). Digital Transformation: A Roadmap for Billion-Dollar Organization (Report). MIT and Capgemini Consulting

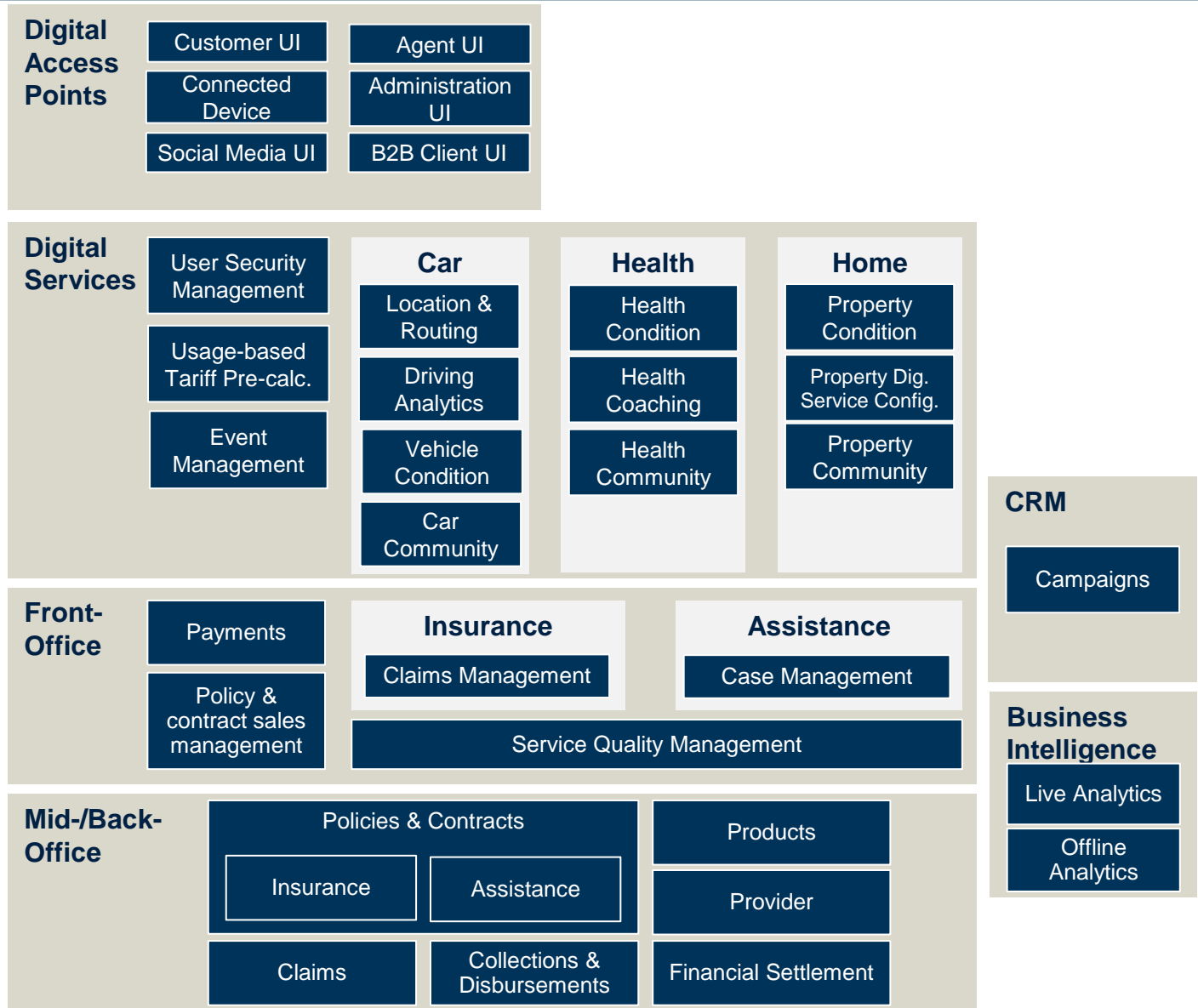


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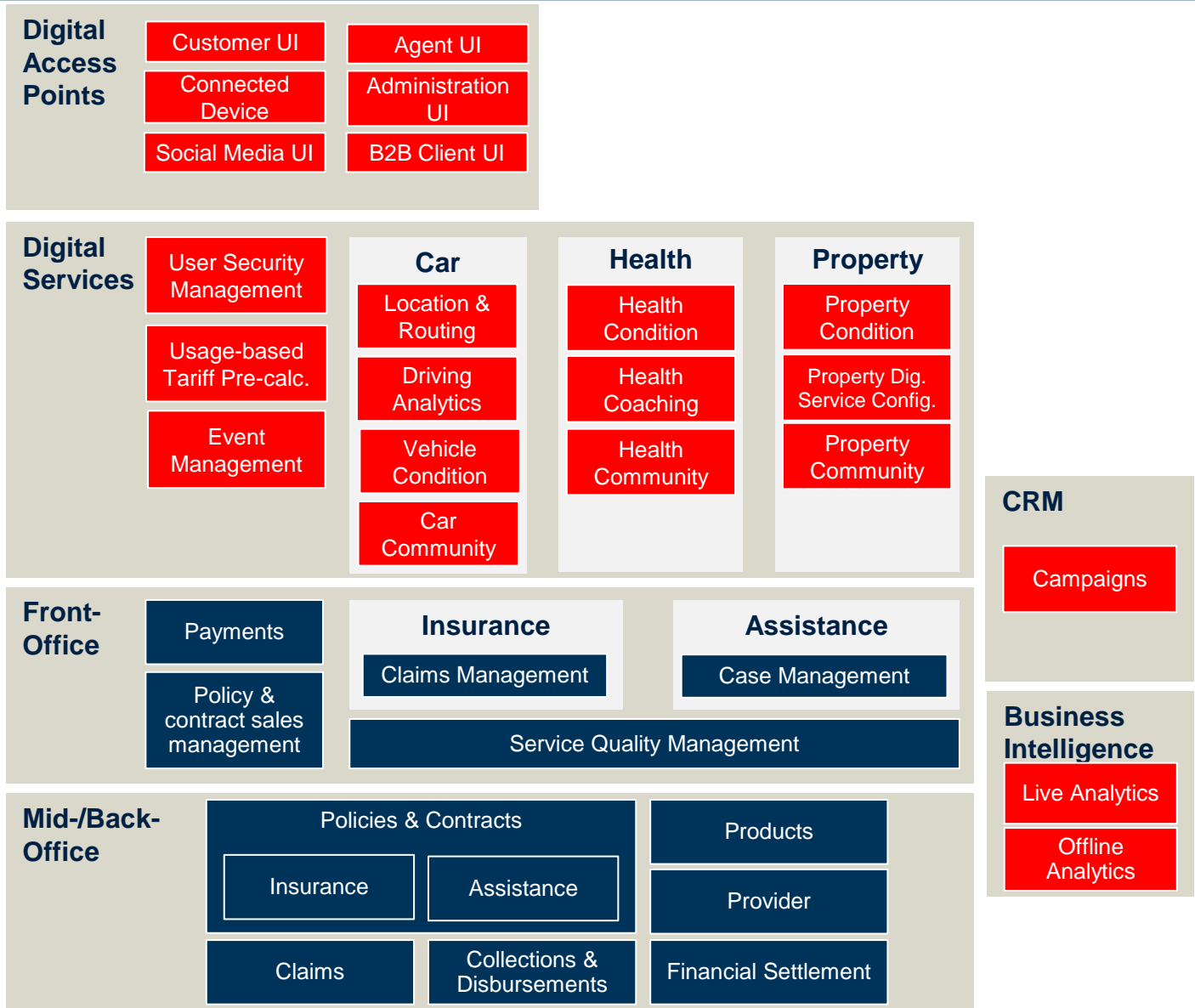
Use Case – Digital Transformation in Insurance

Capability Model



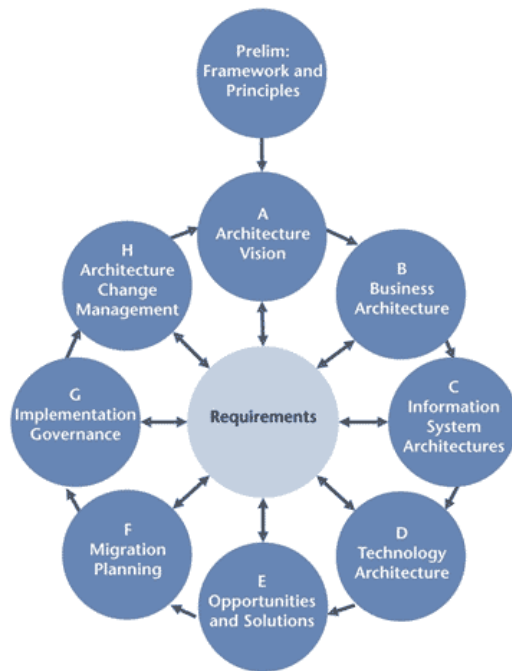
Use Case – Digital Transformation in Insurance

Heatmap Capabilities



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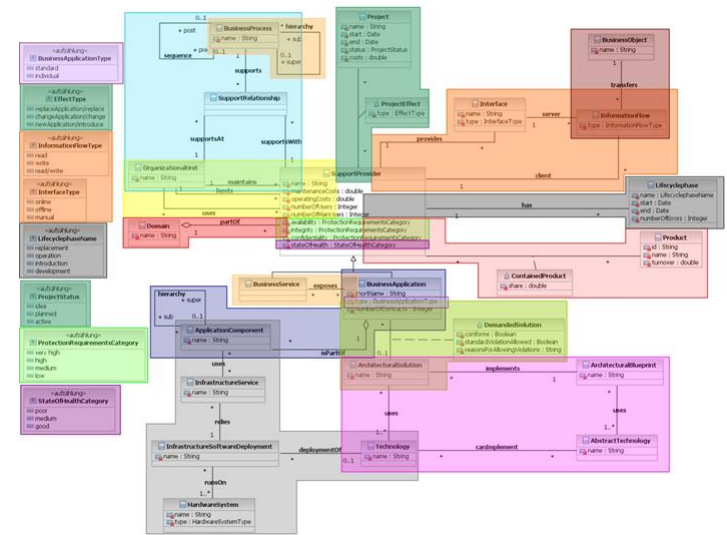
What aspects of traditional enterprise architecture management are suitable for digital transformation?



Desired Outcome

- Description about the origins of EAM and digital transformation.
- Understanding of digital transformation and its business value for companies.
- Aspects of EAM required in digital transformation projects.
- Suitability of traditional EAM frameworks like TOGAF under those aspects.

Which enterprise architecture management patterns are used in the digital transformation use case?



Desired Outcome

- Description of the established Capability Driven Development.
- List of used patterns for which concerns.
- Evaluation of the approach consulting the pattern catalogue and further literature.

What are requirements for Capability Driven Development in the context of digital transformation?

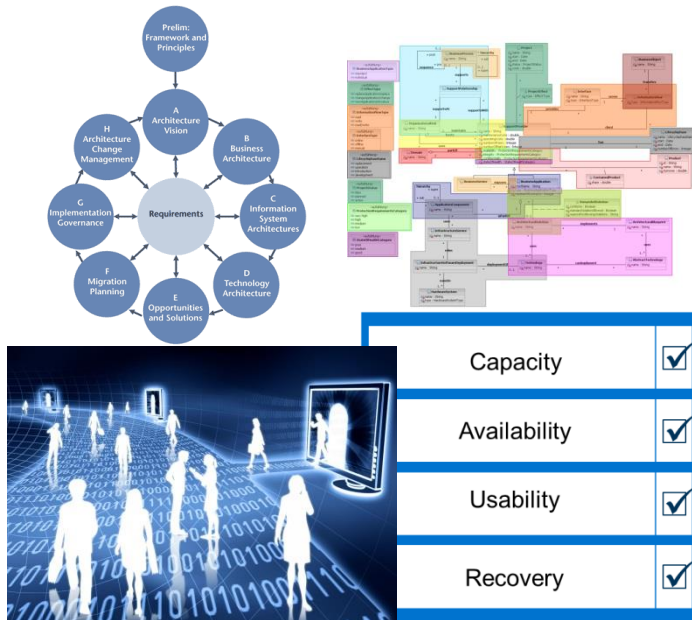


Capacity	<input checked="" type="checkbox"/>
Availability	<input checked="" type="checkbox"/>
Usability	<input checked="" type="checkbox"/>
Recovery	<input checked="" type="checkbox"/>

Desired Outcome

- Understanding about Capability Driven Development (CDD) and its relevance.
- Understanding of gap between innovation process and software development outlined on the use case.
- List of general requirements to address problems regarding the existing gap and experiences made in the use case.
- Prerequisite capabilities for successful digital transformation with CDD.

How does a optimised Capability Driven Development approach look like?

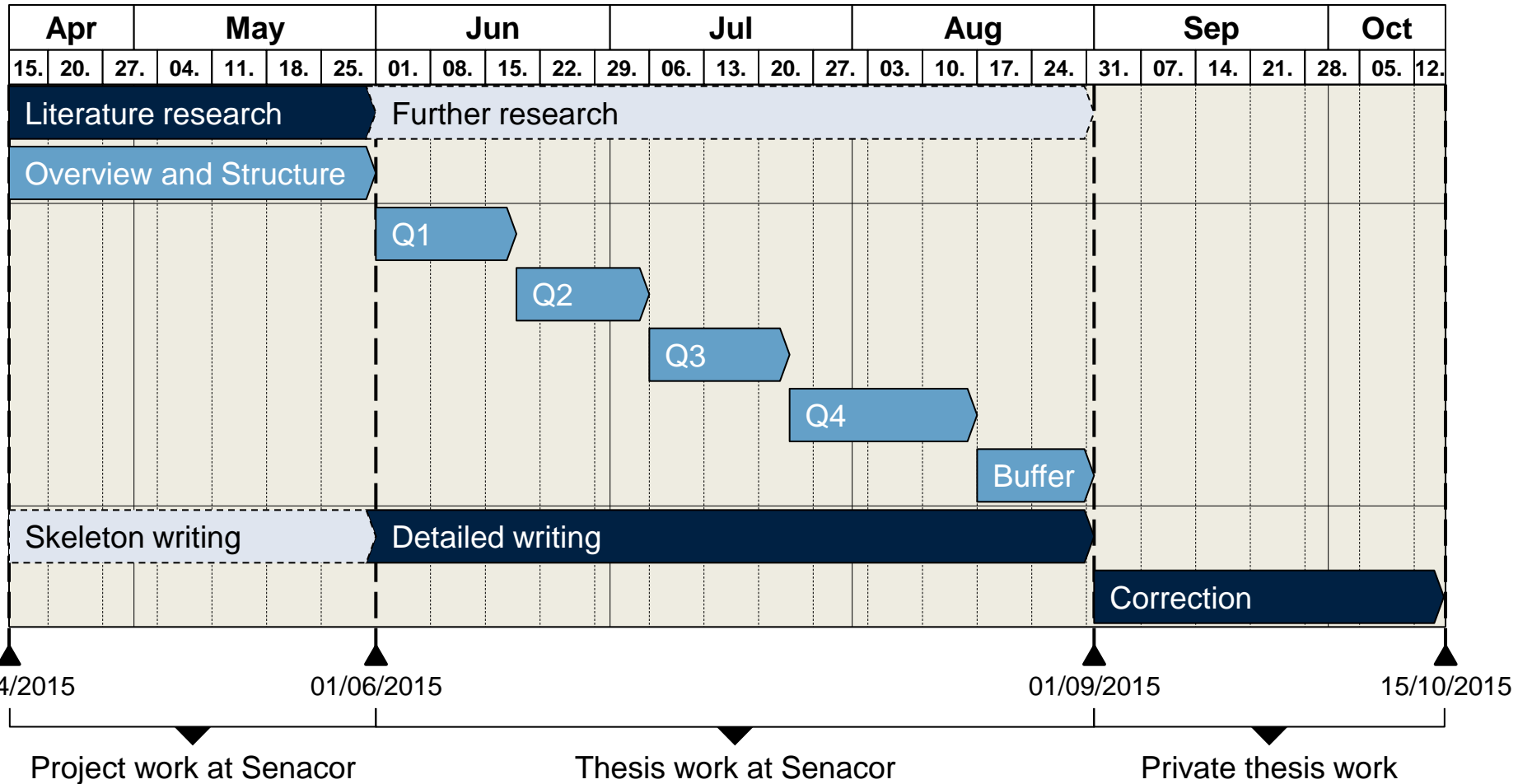


Desired Outcome

- Evaluation of findings of previous chapters.
- Approach definition of suitable Capability Driven Development (CDD) for digital transformation.
- Required deliverables mapped to EAM patterns delivered in the process of CDD.

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Master Thesis Schedule



Questions and Feedback