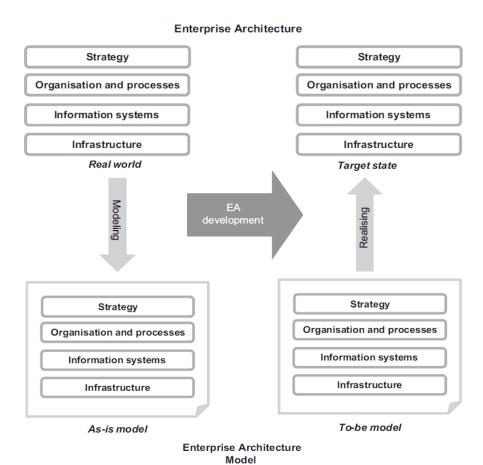


EAM Practice: The Role of Modeling

Knut Hinkelmann



Managing Change





Practice of Enterprise Architecture Management

Business Governance, Portfolio **Enterprise** Business Business Data Risk & **Architecture** Model & Management Logic Management Process Compliance Management Strategy Risk & Portfolio Business Visionaries, Architects, Modelers. Data compliance managers & analysts, analysts. modelers, strategists, managers of analysts for designers, business information business program, managers, modelers, business project, enterprise, improvers process & analysts, analysts application & business, (Lean), business data (line) infrastructure applications, managers & logic managers managers, portfolios information, architects of designers, data infrastructure business rule business stewards architectures processes experts **Working Together on Change**



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Use Models ...

- ... to create transparency, coherence and clarity
- ... check for compliance
- ... analyze risks
- ... facilitate alignment between decisions



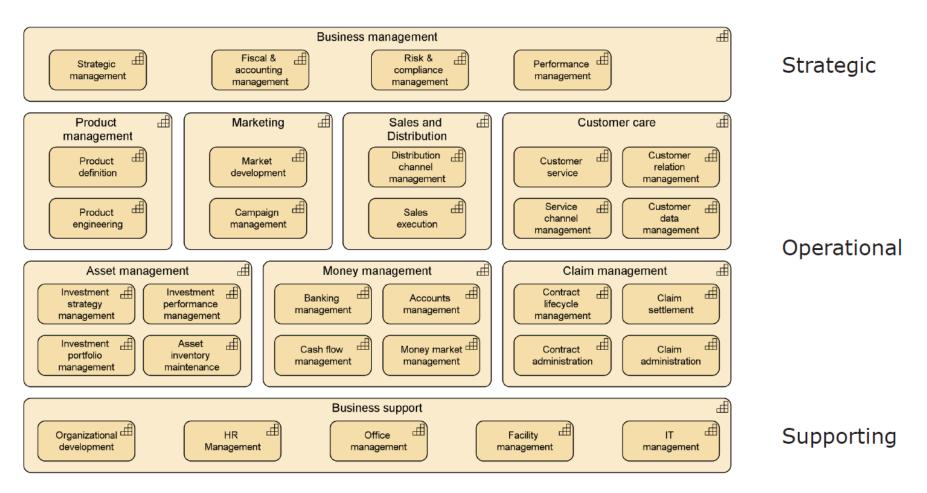
Capability-based planning

- create autonomous business capabilities that can evolve on their own
- Know your strengths: at which capabilities do you excel?
- Investigate new business models, based on your current or future capabilities

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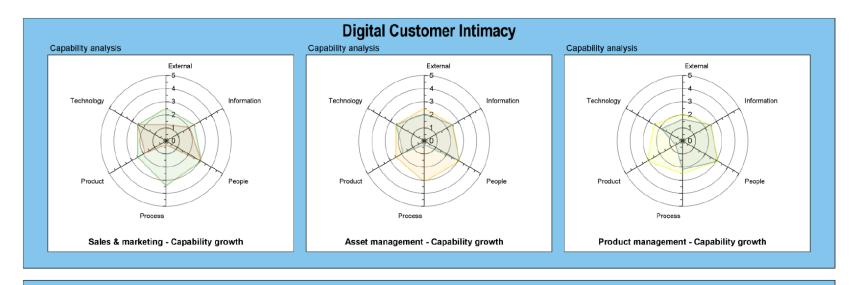
Capability Map



Inspired by Panorama360 reference model



Capability Analysis



External Technology Product Process Governance, Risk and Compliance - Capability growth

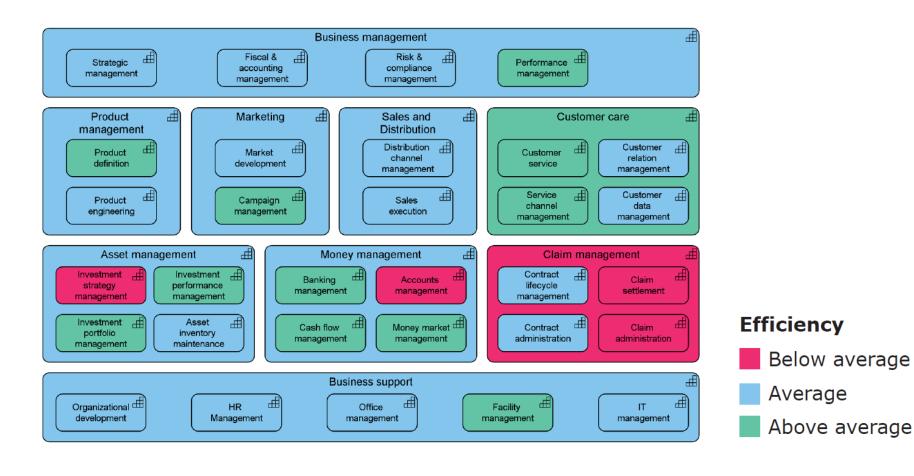


Analyze and plan the evolution of capabilities along different dimensions





Capability Heat Map

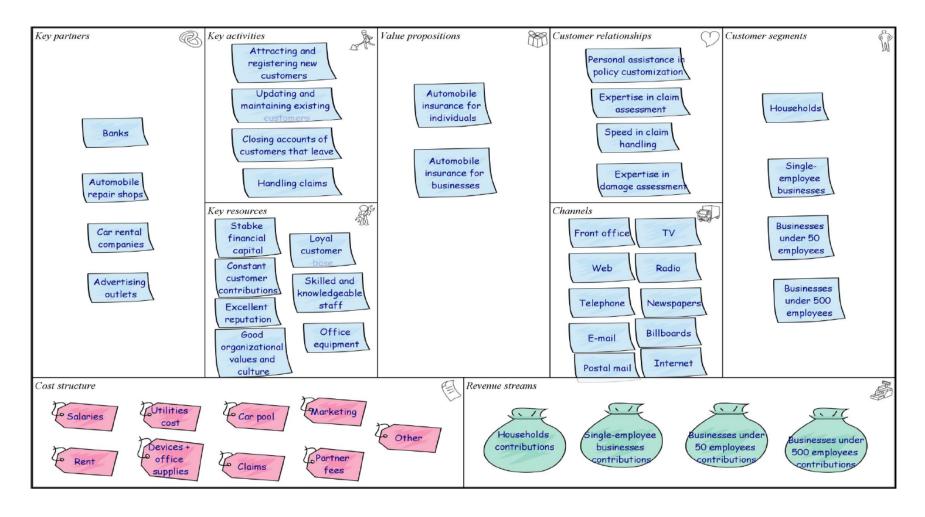


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Strategy: Business Model Canvas



(Lankhorst & Matthijssen 2016)



Decision Making

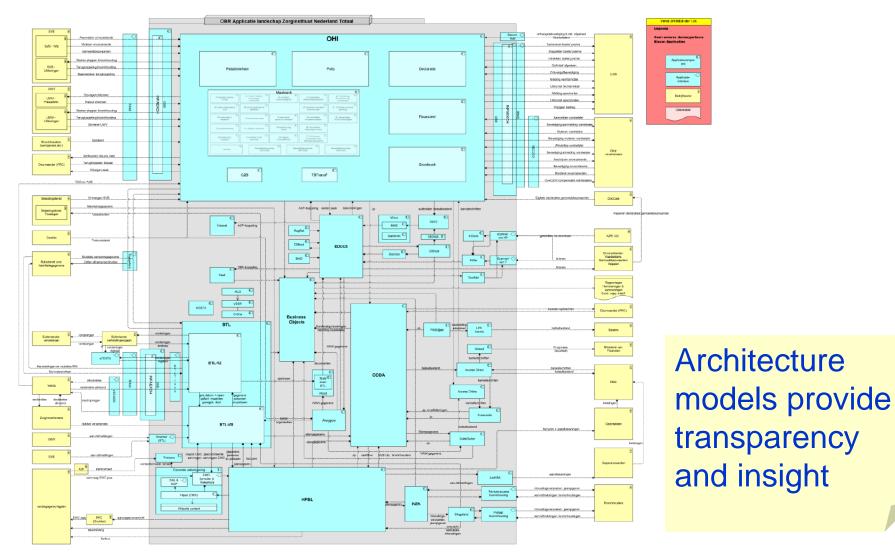
- Problem: What will be the effects of decisions?
- Decisions need to be made at all levels of the organization
- Align long-term, strategic decisions and local, day-to-day improvements
- Know the facts: create a single source of truth
- Provide people with timely and accurate information they need to make decisions
 - ♦ Models
 - ◆ Targeted dashboards



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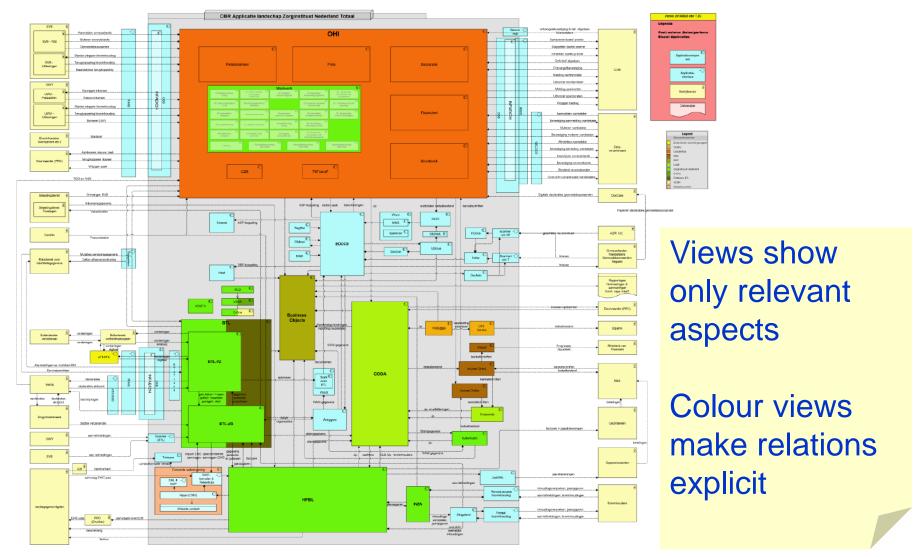
Modelling



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Get a Grip on Complexity

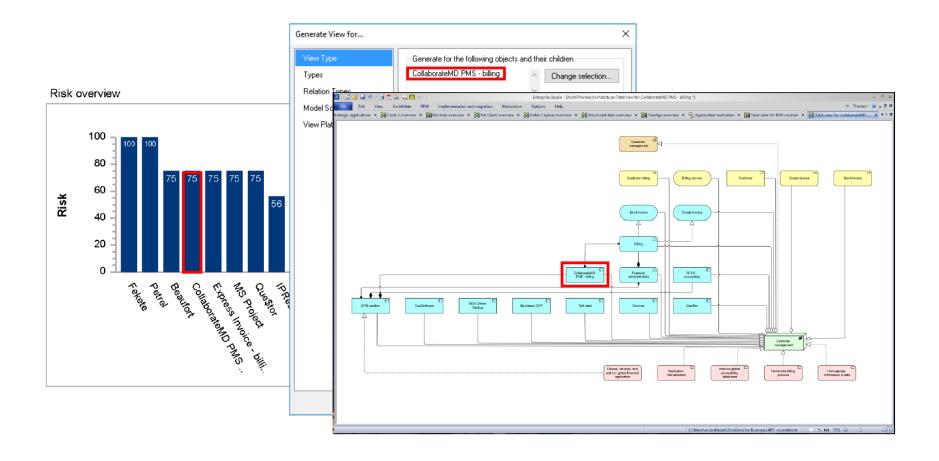




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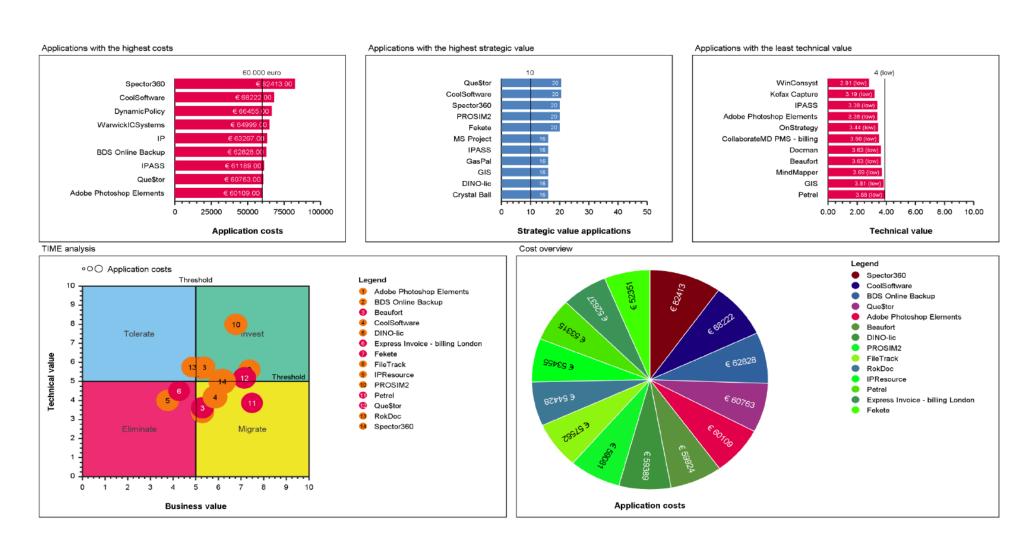
Impact of Change



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Application Portfolio Dashboard

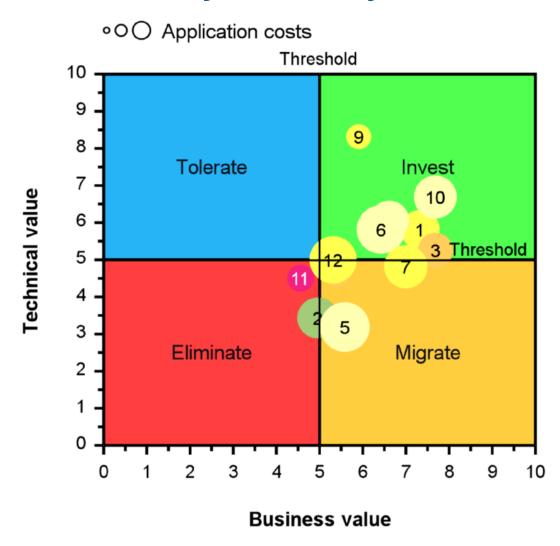




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Application Lifecycle Analysis





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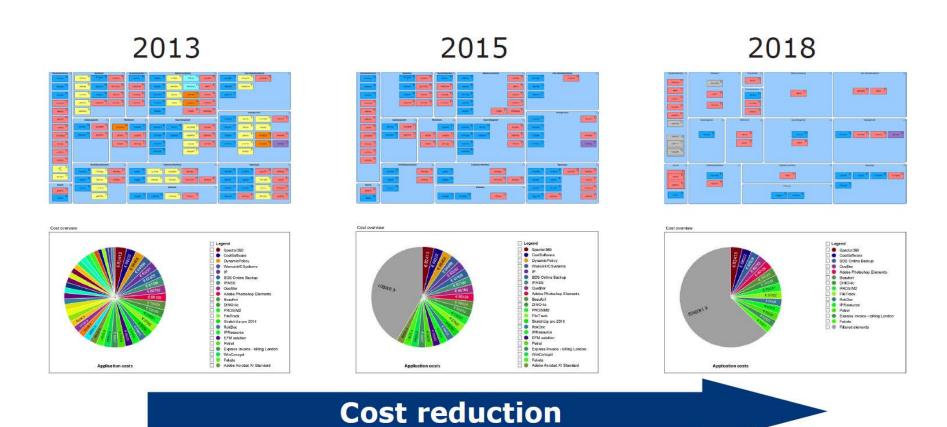
IT Landscape With Lifecycle Advice







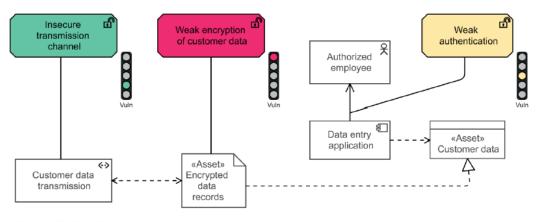
Development over Time



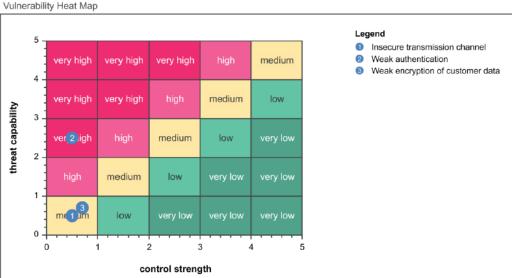
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Cyber Risk Analysis







Identify vulnerabilities and threats, and define mitigating measures to control risks



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