



Why Digitalization Will Kill Your (Software) Company Too

Jan Bosch

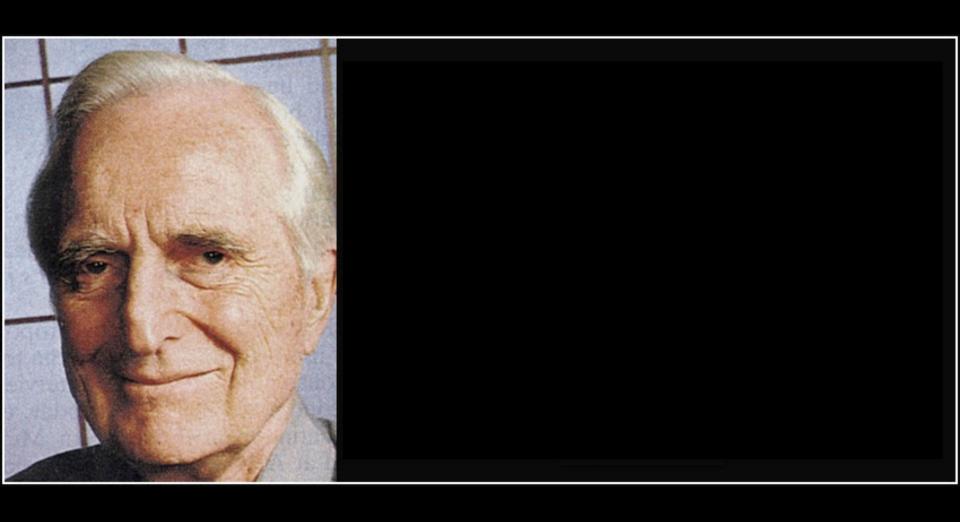
Director Software Center www.software-center.se

Professor of Software Engineering Chalmers University of Technology Gothenburg, Sweden.

www.janbosch.com

Fortune 500





Disruption Is The New Normal

- Jim Collins (Built to last): Companies last, on average, 30 45 10 years on the Fortune 500 list.
 And that time period is decreasing
- Main cause: Companies fail to innovate and to build new core capabilities

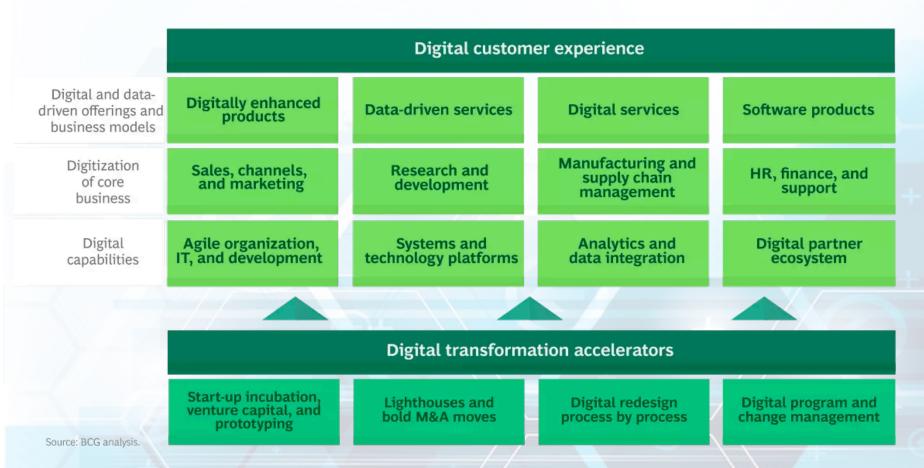
Digitalization Is The New Disruptor!

Digitalization

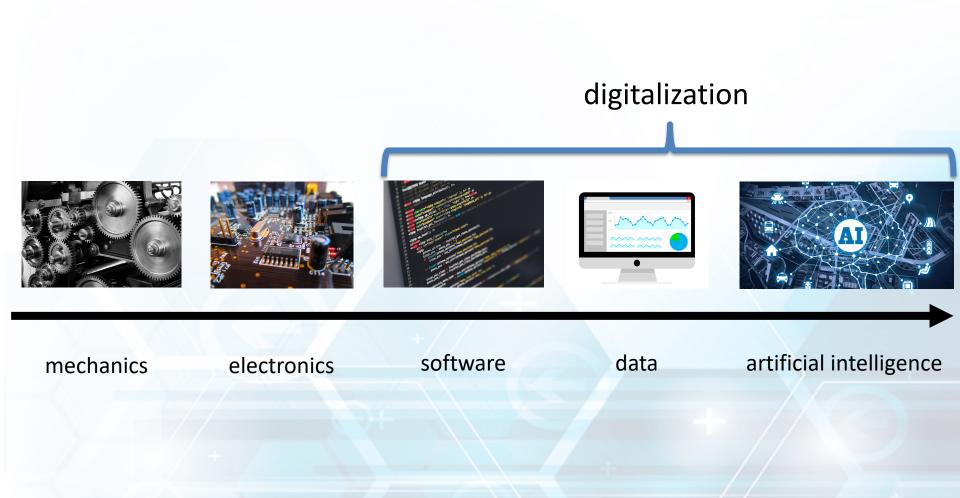
Digitalization is the use of digital technologies to change a business model and provide new revenue and valueproducing opportunities; it is the process of moving to a digital business. - Gartner

Digitalization

The Strategic Building Blocks of Digital Transformation



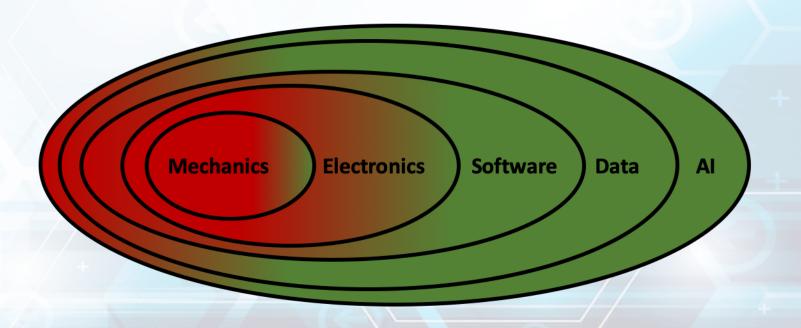
Technology Evolution



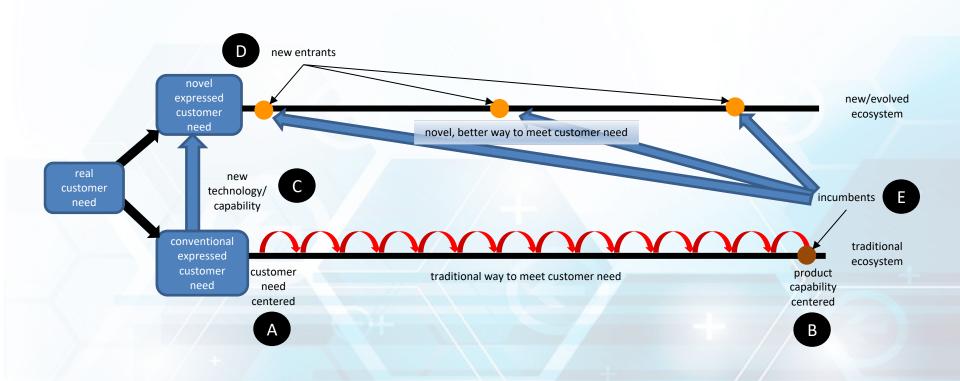
Business Evolution

: Commodity functionality

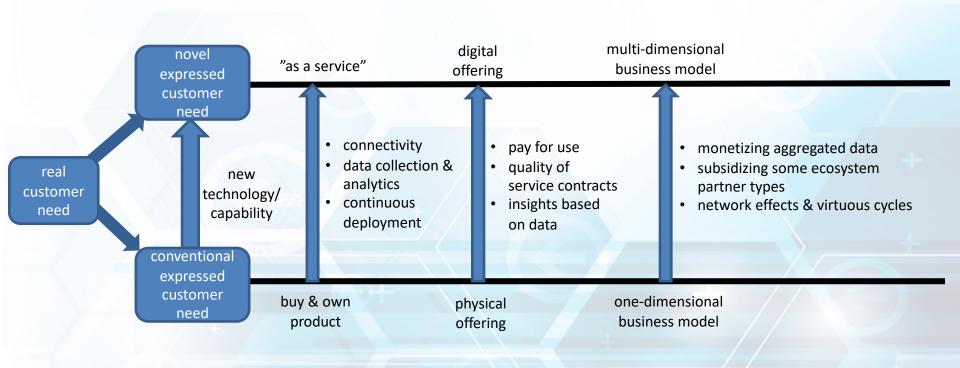
: Differentiating/innovative functionality



Disruption Model



Instantiated For Digitalization



What Makes A Digital Company?

- Using email?
- Have a website?
- Use social media?
- Video conferencing?
- Chatbots?
- Data-driven decision making
- Relentless experimentation (e.g. A/B testing)
- Short feedback cycles
- Decision making pushed down in organization
- Strategic data collection
- Unified data warehouse
- Pervasive use of Al and automation
- New job descriptions

Digitalization

Challenge

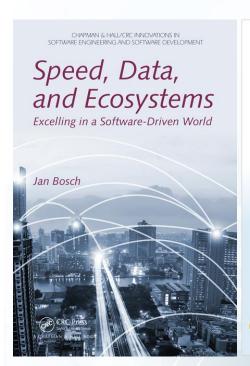
- No software expertise
- Lack of ambidexterity

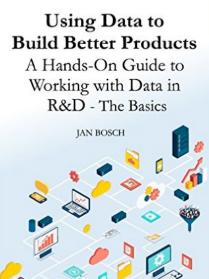
- Digitalization seen as technology only
- Customers not asking for it
- Overly zealous internal functions

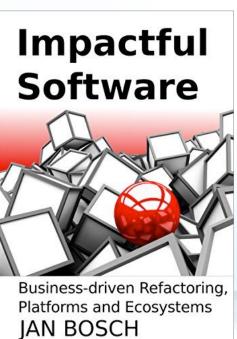
Potential solution

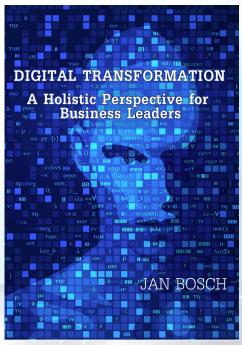
- Appoint SW savvy board member(s) & senior leaders
- Implement systems (e.g. 3 horizons model) to ensure resource allocation
- Own digitalization in the Csuite
- Work with fringe customers
- Form cross-functional teams with E2E responsibility

Learn More?













www.software-center.se
Chalmers University
of Technology

www.janbosch.com jan@janbosch.com

Follow me on LinkedIn, Twitter (@JanBosch) or www.janbosch.com/blog