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Webinar

Digital strategies drive Lean insights

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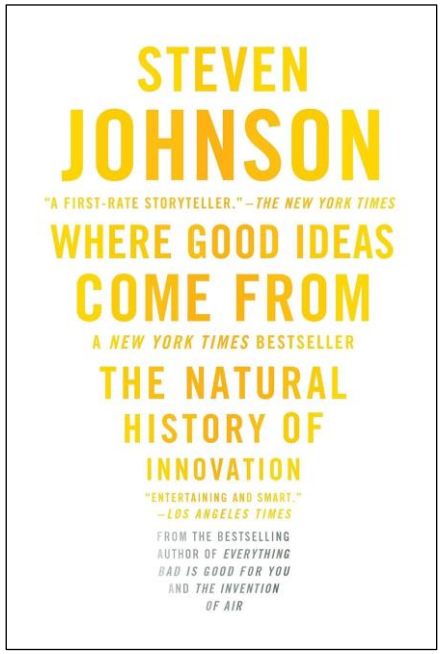
Alan Boykiw

Thursday, October 5, 2023

Introduction



The Adjacent Possible

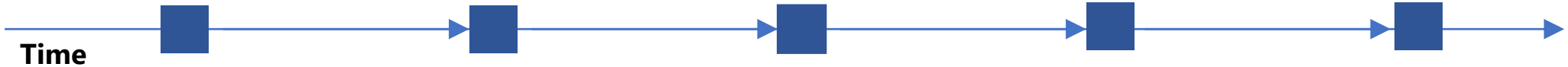
Stuart Kauffman first coined the term in his work *'At Home in the Universe'*
and was popularized by **Steven Johnson** in **'***Where Good Ideas Come From***'**

Loosely defined as:
the set of possibilities at a given point in time

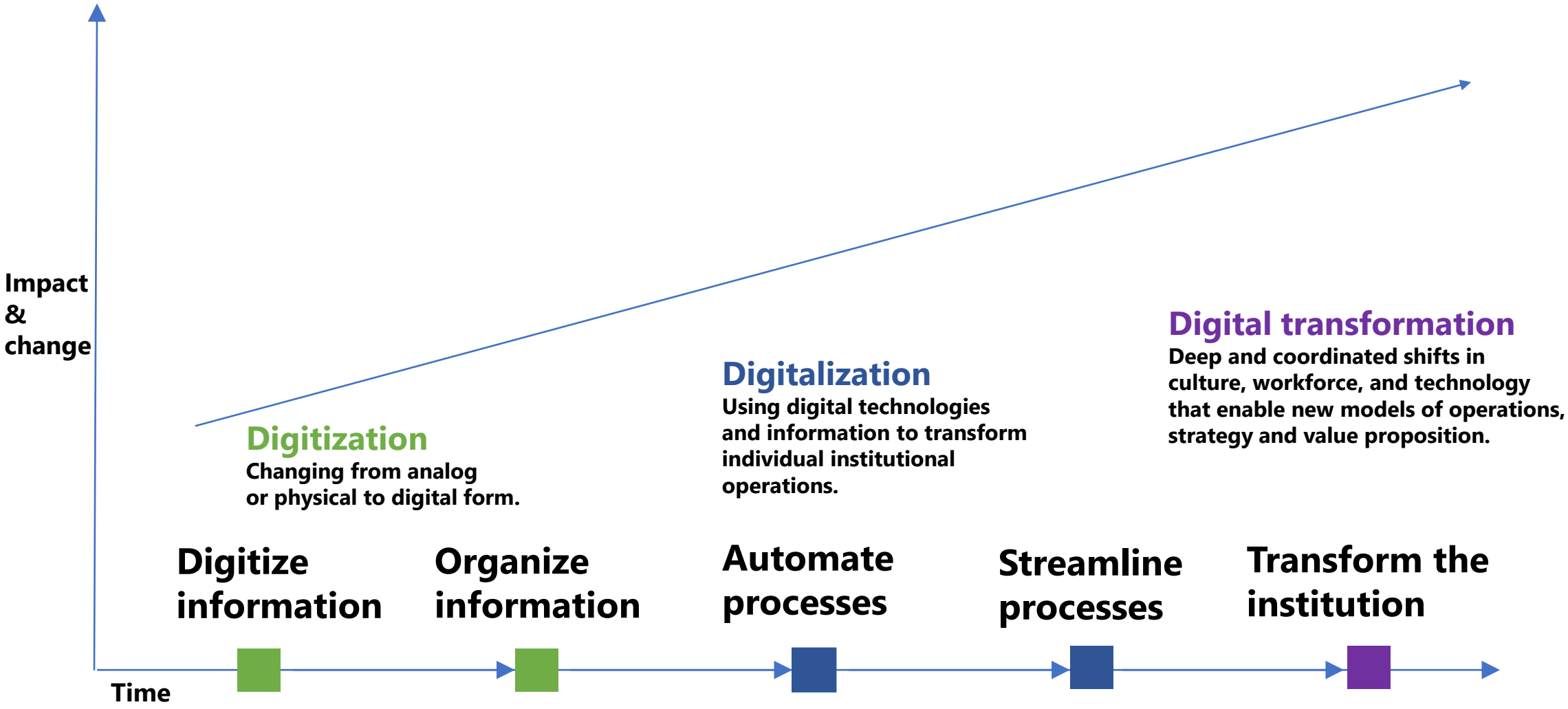
Could you have conceived of YouTube in the early '70s?

If you did, you would first have to conceive of the succession of all building blocks, including:

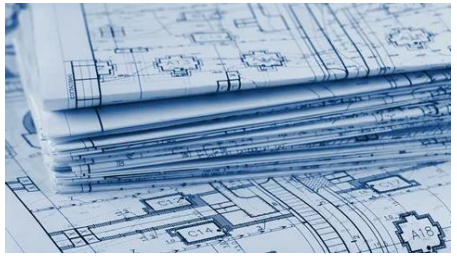
Internet
3 generations of cellular networks
Broadband
Smartphones
Digital video
Digital cameras
Smartphone cameras
Streaming
YouTube
Video Software
TCP/IP
Compression



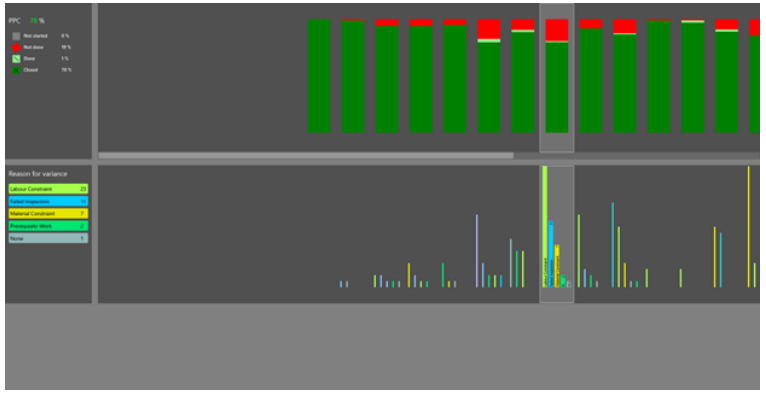
Digital technology adoption



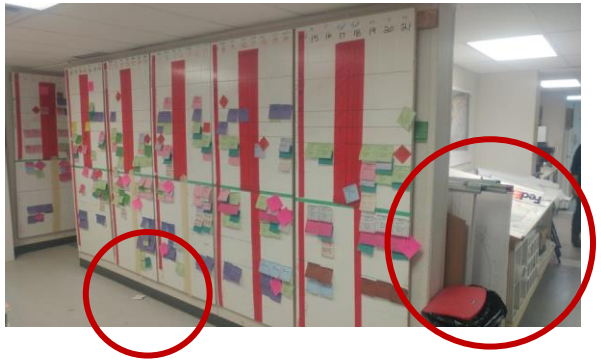
Digitization

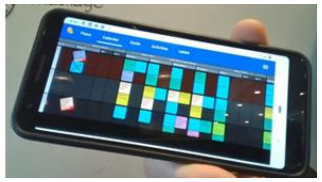


- Paper drawings > CAD files
- Sticky notes > digital tags



- PPC
- Internet access to folders and files
- Mobile device access to drawings and apps

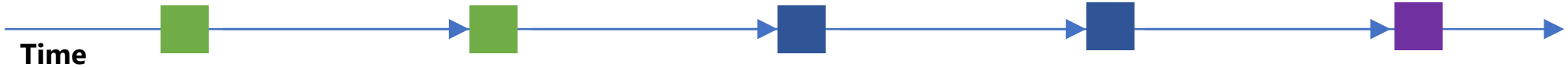




Digitization

Information change

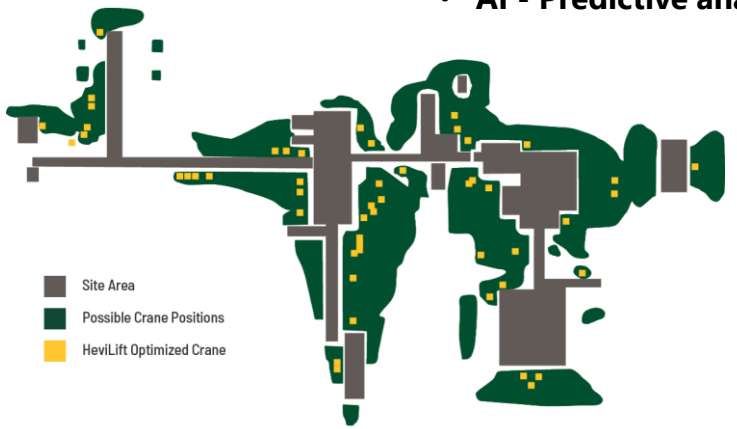
Digitize information | **Organize information** | Automate processes | Streamline processes | Transform the institution



Digitalization

- Data analysis – Power BI
- Reference a BIM model
- Supply ordering/delivery automation

- BIM 4D
- Planning efficiency
- AI - Predictive analytics



PCL: *"If I go back even three to five years ago, no one would have believed it,"*

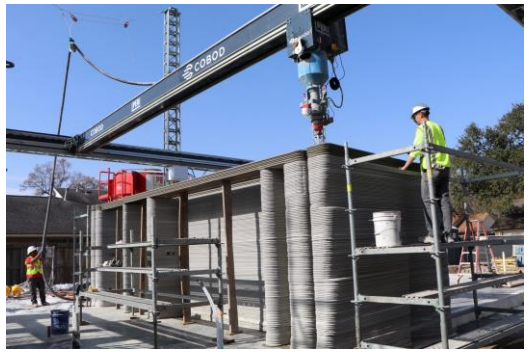
Digitalization

Transform operations

Digitize information → Organize information → **Automate processes** → **Streamline processes** → Transform the institution

Time

Digital transformation



- Robotics and drones
- AR and VR digital twins
- 3D printing and manufacturing
- IoT building ops and maintenance

Stable Diffusion: “A modern library with sun shining through a skylight”

Phil Bernstein – Lean in Design keynote

- AI creation tools
- Massive but localized databases

Digital transformation

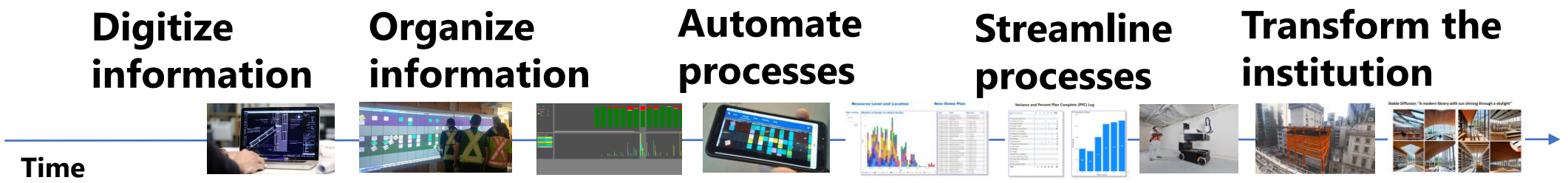
Culture shift

Digitize information → Organize information → Automate processes → Streamline processes → **Transform the institution**

Time

Our insights

- Crawl, walk, run: ‘the adjacent possible’
- The first stage – digitization - is simple, and maturing.
- Our customers are having insights through adoption.
- We gain insights through our customer lens.
- Digital adoption efficacy is dependent on strong practice - LPS®.
- The tools are only as good as the people behind them - education.
- Conversations!



Let's talk

See you at Congress!

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