



BUILDING A DIGITAL ENTERPRISE – HOW TO MONETIZE YOUR BUSINESS WITH DIGITAL TECHNOLOGIES?

LESSONS FROM THE FRONT LINE FOR BUSINESS AND IT PRACTITIONERS

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Objectives

“**Digital barometer**” showing the leadership, cultural and organizational **challenges facing businesses and practitioners** as they grapple with the “digital economy” paradigm shift.

Examples of a Digital Business Model and its ramifications for the marketplace and the wider technological, economic and social ecosystem. - **Hilton International, Coca Cola Enterprise, MasterCard**

Some concluding remarks will explore the challenges and opportunities that practitioners are looking for answers and direction for **best practices in digital business.**

PA'S DIGITAL BAROMETER RESULTS

CULTURE AND CAPABILITY

Are you on track to Destination Digital?



BE BOLD AND THINK DIFFERENTLY TO SURVIVE AND THRIVE

1. Think in customer-centric
2. Break down the silos
3. Prioritize customer experience
4. Check for right thinking, right people
5. Invest in talent and capabilities



BUSINESS MODELS NEED TO ADAPT AS WELL

What's stopping us?
Lack of a coherent digital business model and customer experience

- 58% of respondents said they had implemented digital change
- 7% of respondents said they had not implemented digital change
- 5% of respondents said they had not implemented digital change

PEOPLE DEMAND IS FUELLING THE REVOLUTION

#1 Customer loyalty is the top priority for digital change

16% of respondents said they had implemented digital change

LEGACY IT HOLDS MANY BACK

71% of respondents said legacy IT systems are a barrier to digital change

What's stopping us?
Legacy systems and unskilled staff

DIGITAL AMBITION FOR EXCEEDS THE REALITY

- 62% of respondents said they had implemented digital change
- 8% of respondents said they had not implemented digital change
- 13% of respondents said they had not implemented digital change

What's stopping us?
Lack of digital leadership team to define and set strategy



DIFFERENT SKILLS ARE NEEDED TO SUCCEED

48% of respondents said they had implemented digital change

7% of respondents said they had not implemented digital change

CULTURE IS KING

- 26% of respondents said they had implemented digital change
- 13% of respondents said they had not implemented digital change

What's stopping us?
Culture (mindset) and strategy (actual initiatives)

LEADERSHIP IS KEY TO PROGRESSING DIGITAL CHANGE

91% DON'T GET IT

21% of respondents said they had implemented digital change



PEOPLE DEMAND IS FUELLING THE REVOLUTION...



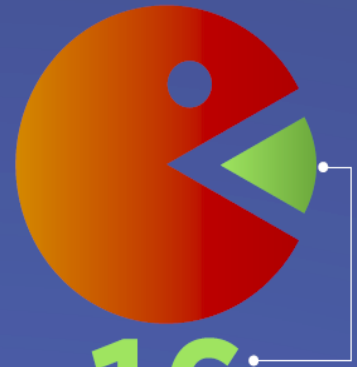
Customer needs & demands are the

#

1

driving force for digital change.

However, businesses are struggling to adapt:



only **16%**
deliver a tailored experience

DIGITAL AMBITION FAR EXCEEDS THE REALITY

62% of organisations have ambitions to be digital leaders.



8% only are well on their way to achieving this.



13% of people clearly understand how digital will transform their business.



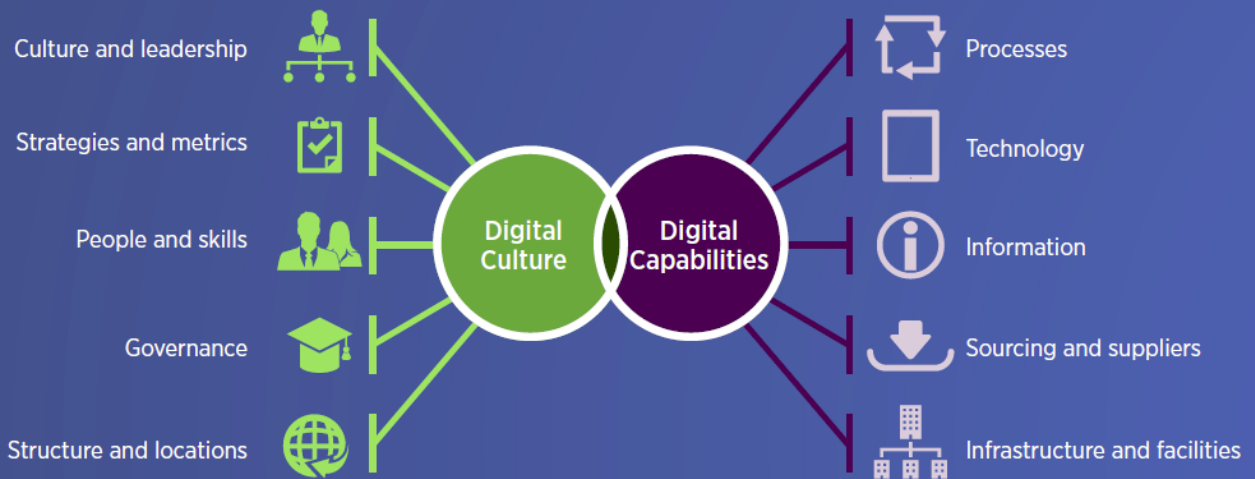
What's stopping us?

Getting the leadership team to believe and act.



RESPONDENT,
DIGITAL BAROMETER

SUCCESS IS DETERMINED BY CULTURE AND PEOPLE AS WELL AS I.T.

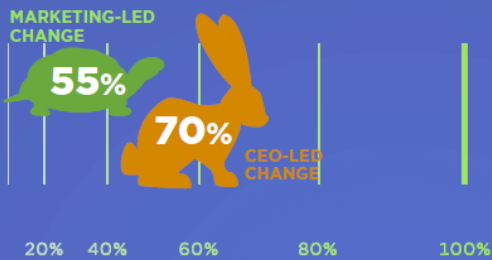


LEADERSHIP IS KEY TO PROGRESSING DIGITAL CHANGE

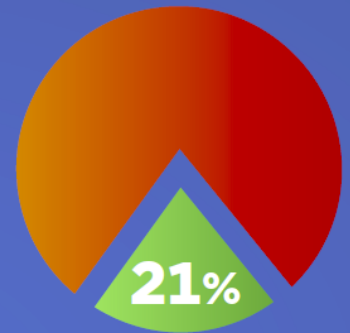
9% GET IT

91%
DON'T GET IT

A huge majority of people **don't think** their leadership team truly understands digital...



Yet, where CEO's are driving digital change, organisations are **further along** their digital journey.



The CEO is driving the digital agenda in just **1 in 5** firms.

CULTURE IS KING



26%

of people think their firm has the right mindset to survive and thrive in the digital age.



13%

strongly agree that their culture encourages creativity and innovation.

“

What's stopping us?

Culture, mindset
and sticking to
what we know.

RESPONDENT,
DIGITAL BAROMETER

”

DIFFERENT SKILLS ARE NEEDED TO SUCCEED

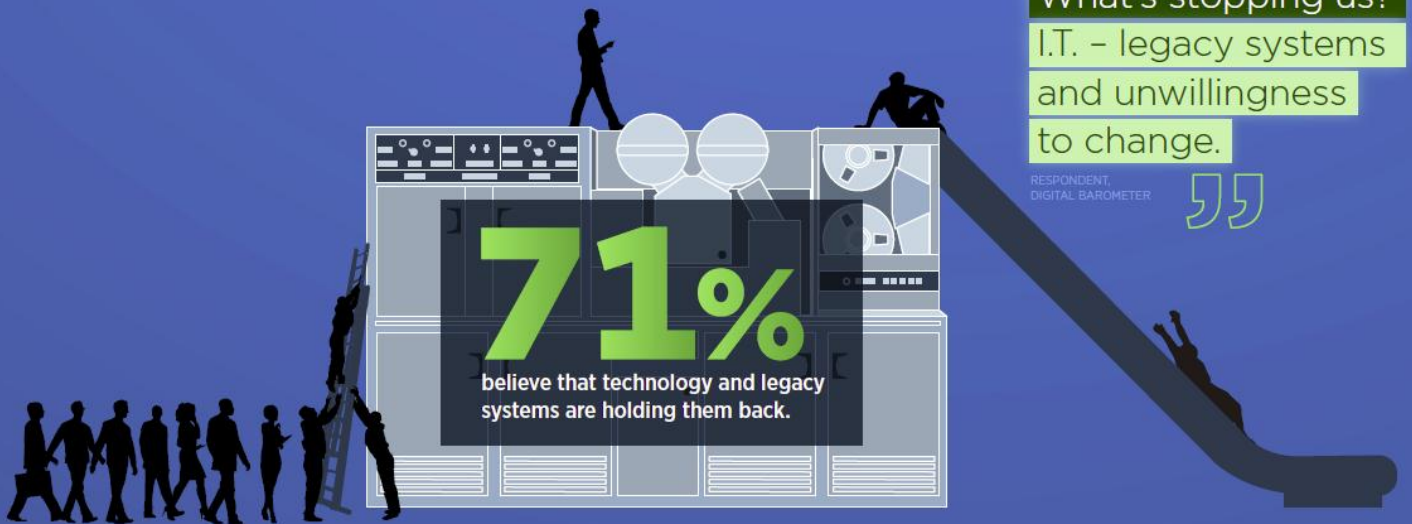


of organisations feel they have the right people and skills to succeed in a digital age.



<href>SKILLS</href>
<a><User Experience+Graphic Design+Editorial
+Data Scientists+SEO experts+Analytics ex-
perts+Solution Architects+Ethnographers+Agile
coaches+Creative developers+Mobile develop-
ment+Wearable experts+Product engineers+IoT
skills+Cloud expertise+Usability testers+Customer
insight+Social intelligence... >

LEGACY I.T. HOLDS MANY BACK



BUSINESS MODELS NEED TO ADAPT AS WELL



What's stopping us?

Lack of a coherent digital business model and insufficient capabilities.

RESPONDENT,
DIGITAL BAROMETER



58%

of organisations have failed to adapt their internal processes for digital.



7%

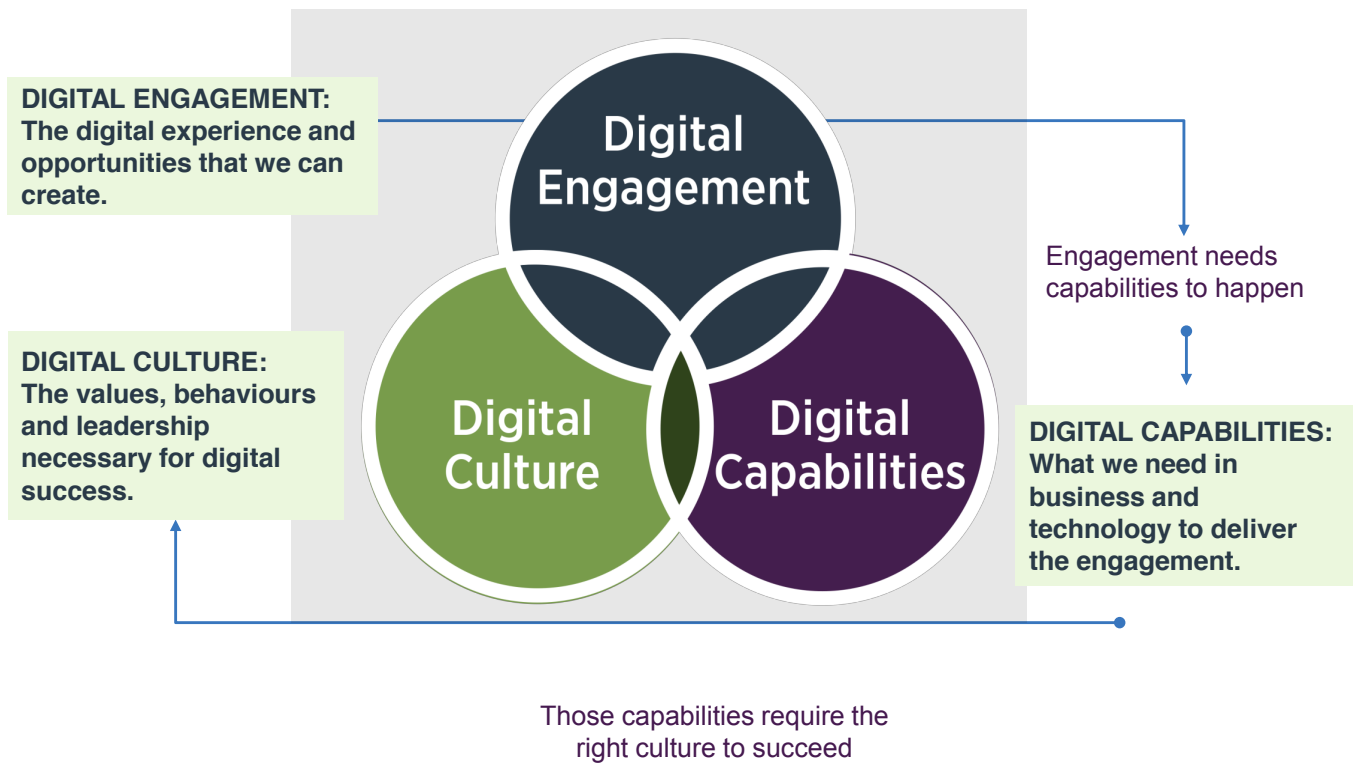
of organisations have restructured themselves to deliver on their digital ambitions.



5%

believe their governance is well adapted to support their digital ambitions.

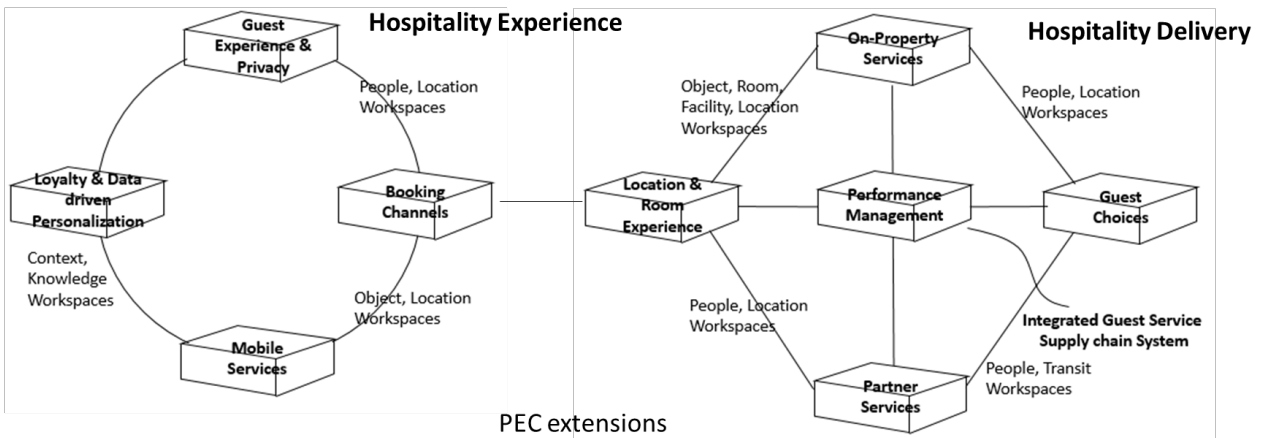
Summary



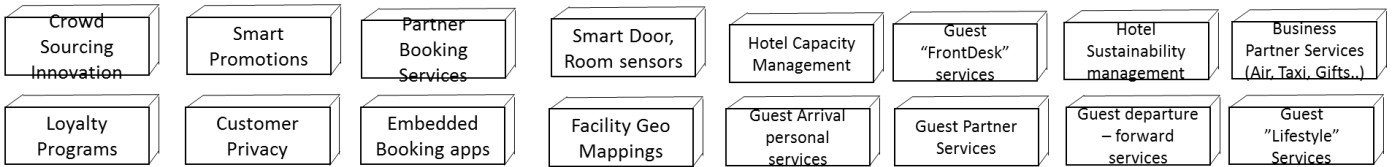
Digital Business Models

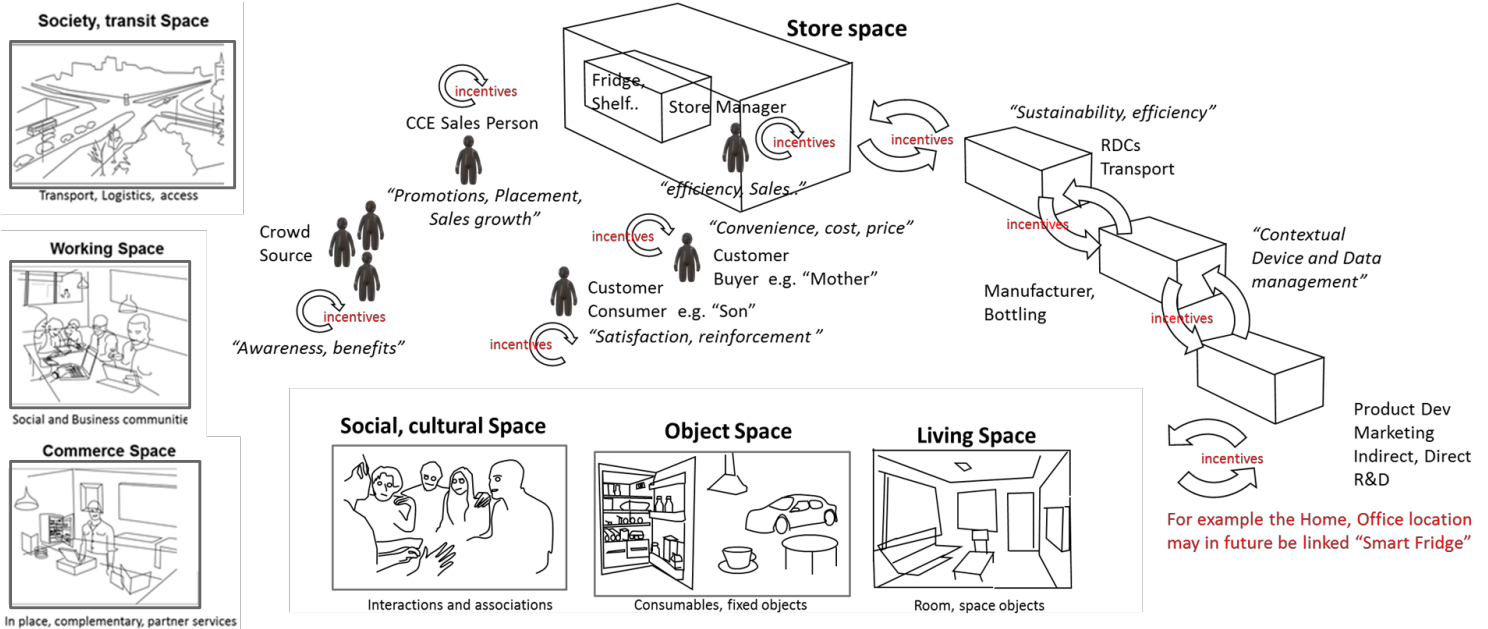


Digital Enterprise



PEC extensions





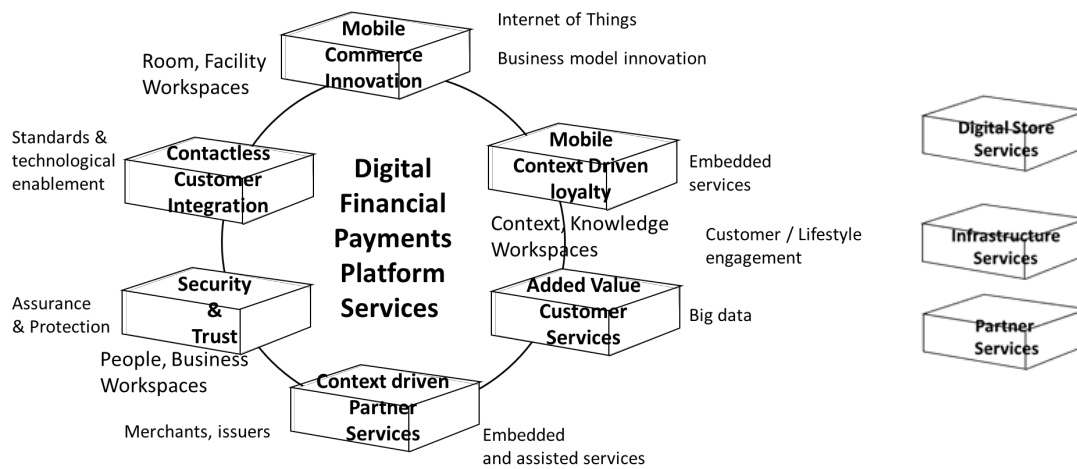


Digital Finance Ecosystem disruption

MasterCard Worldwide

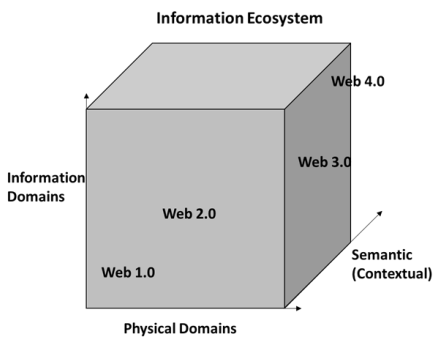
Digital Enterprise

Digital Payments Experience



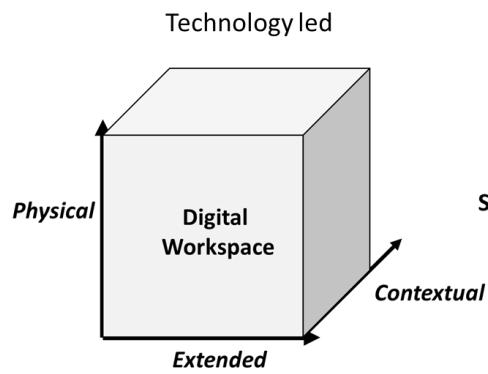
Evolving Practice

Information centric view



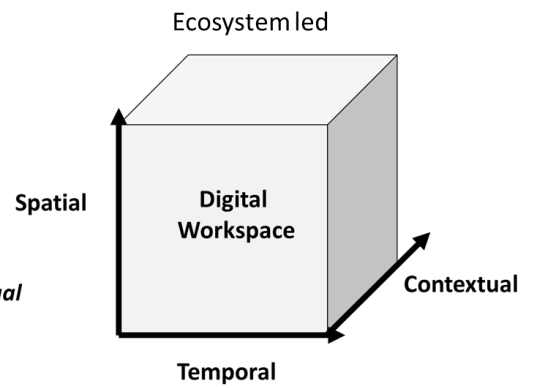
“what data value have I got?”

PEC Model



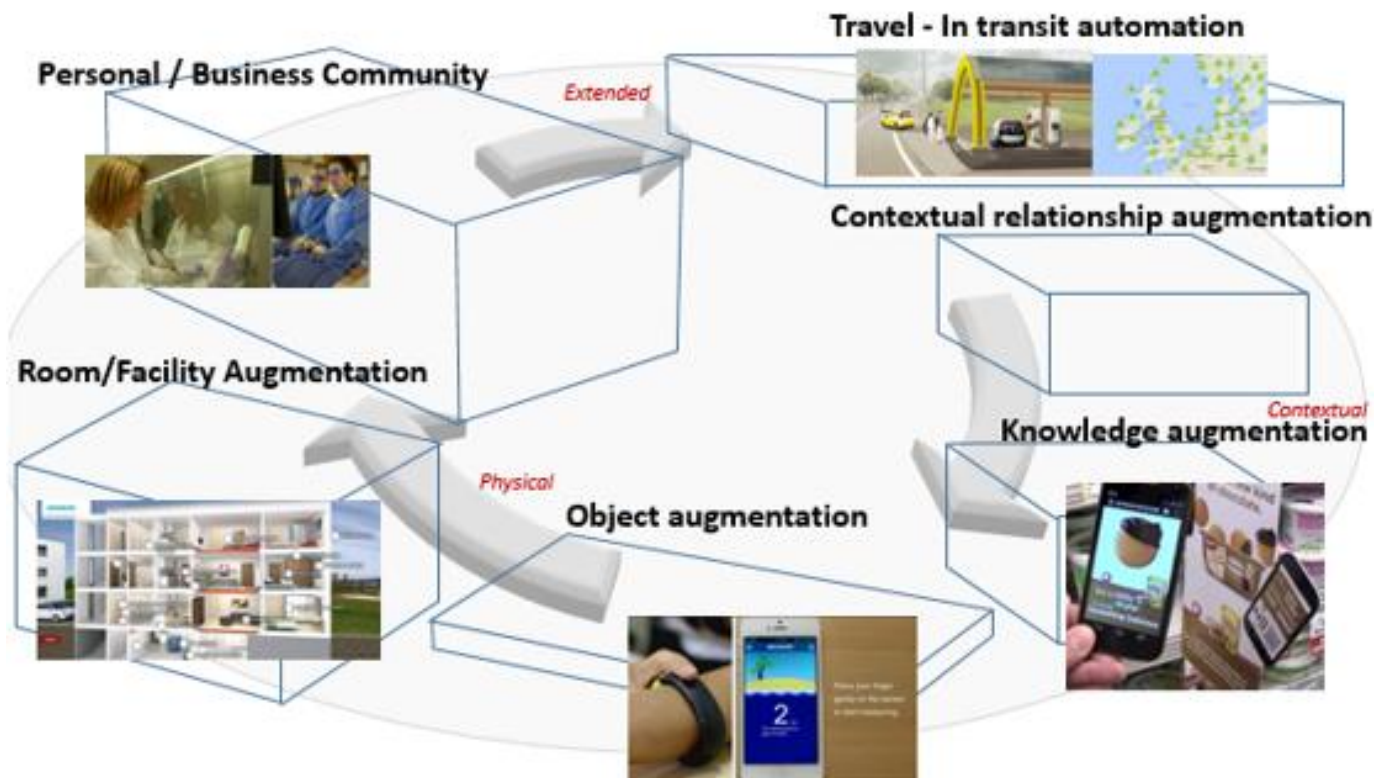
“How can technology extend my capabilities and add value?”

STC Model

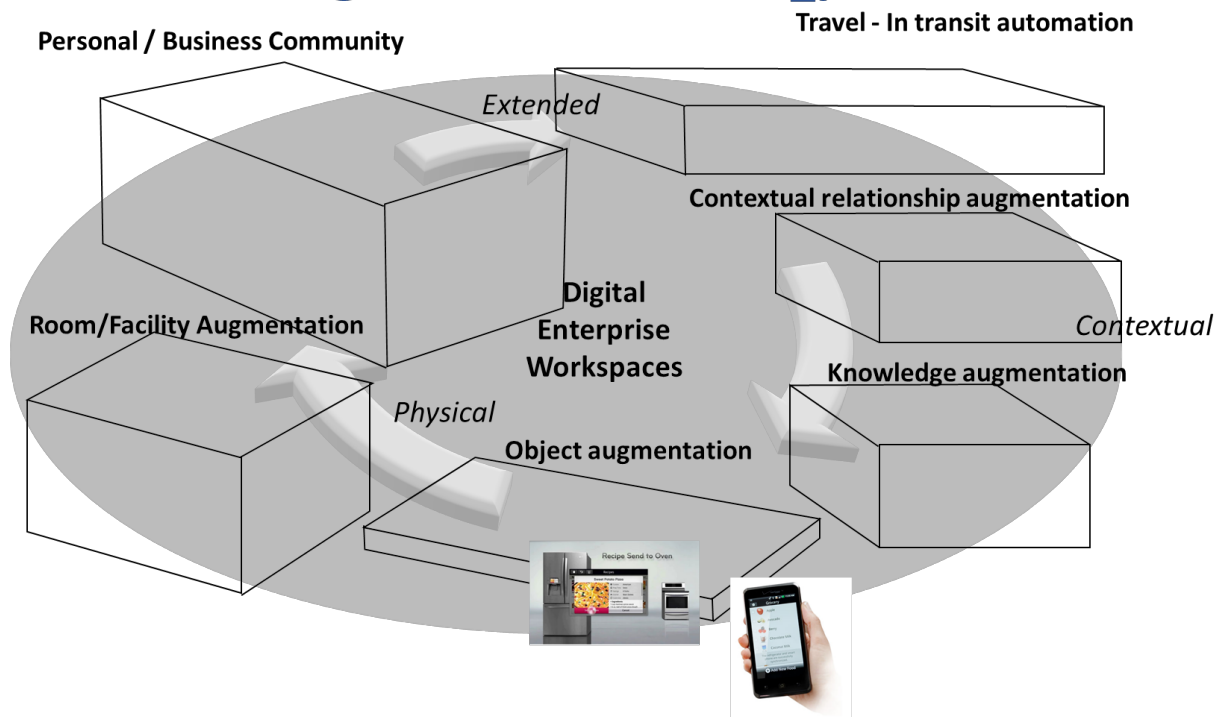


“Where can I build better outcomes?”

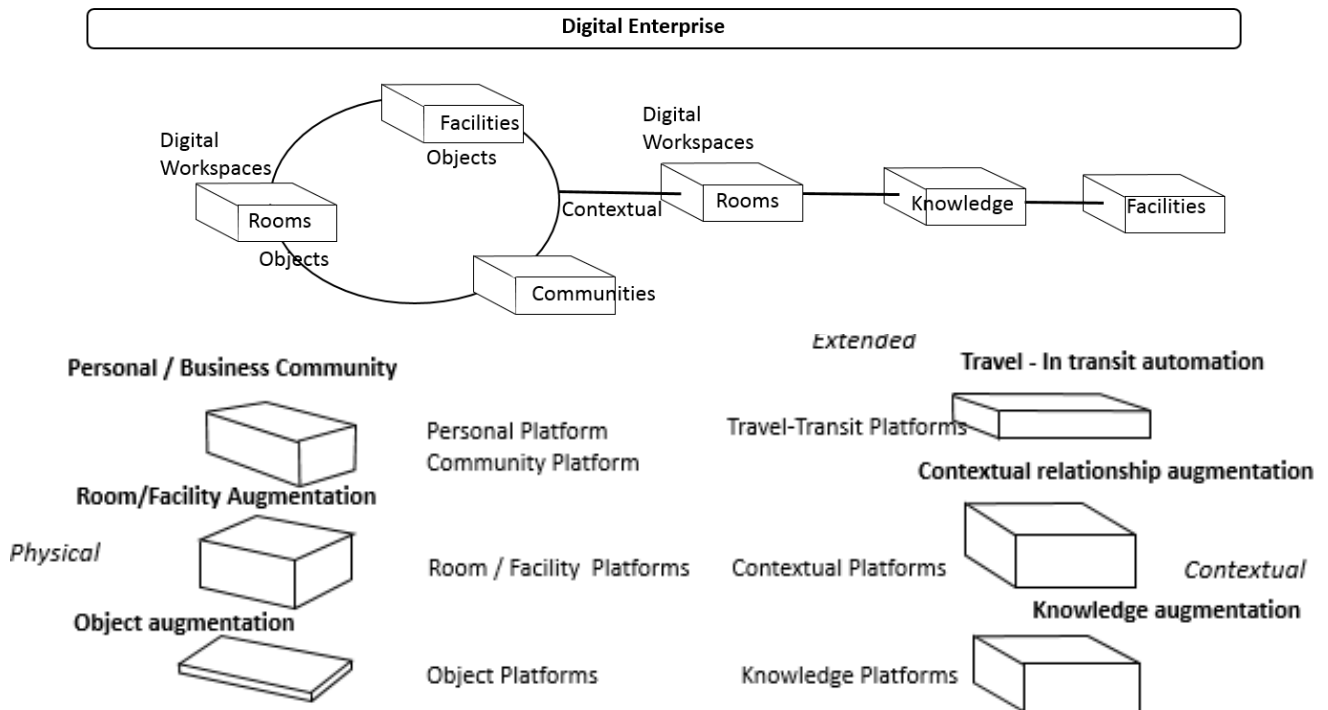
Evolution of technologically enabled (digital) spaces



Digitization of Workspaces



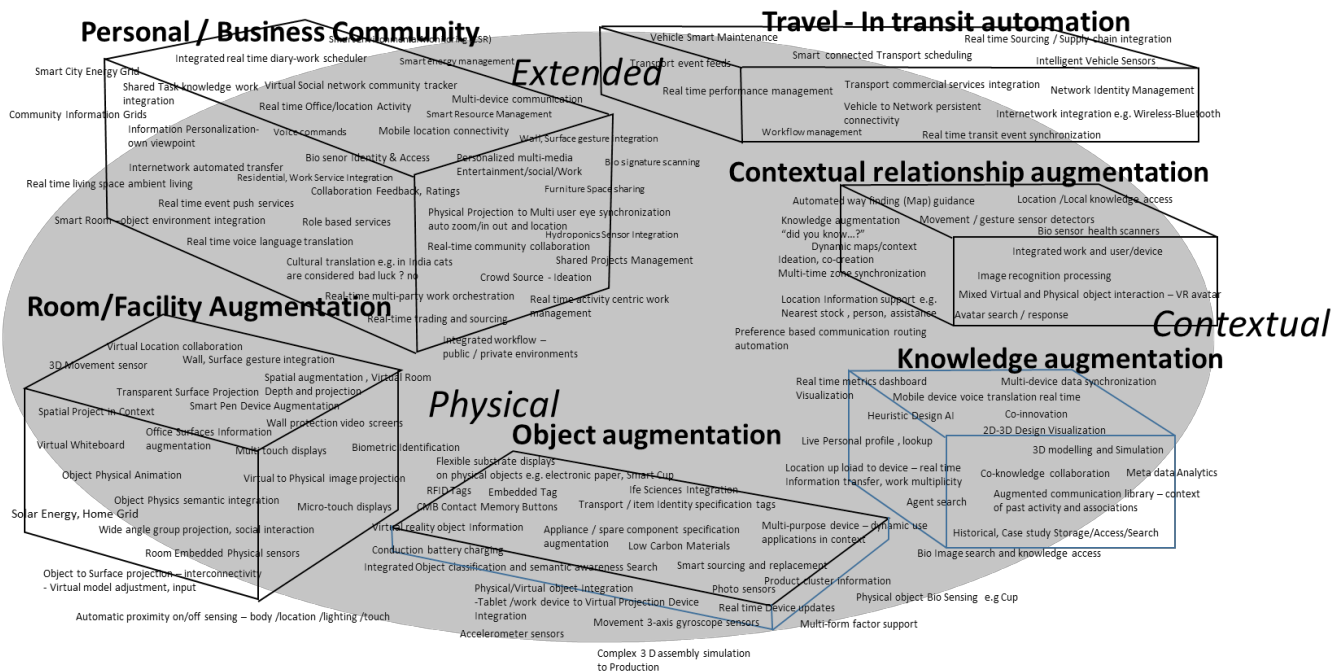
Towards Digital spaces



The Microsoft lab 2019 vision
 5 minute Youtube video had over 160 innovations
 1 every 2 seconds

There is an explosion of systems and end points

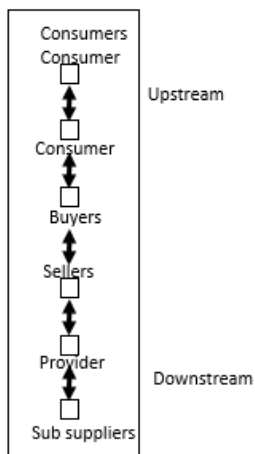
Speed and scale moving beyond human parameters



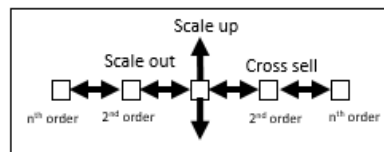
There is a growing community of objects, sensors and data in these workspaces

Towards building digital spaces ...

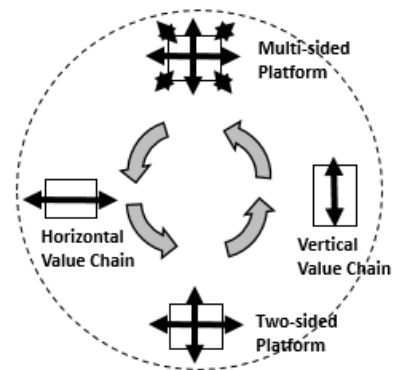
Vertical Integrated Value Network



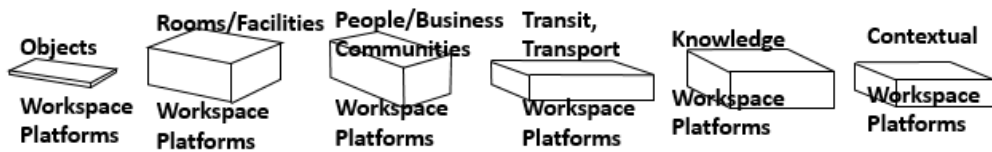
Horizontally Integrated Value Network



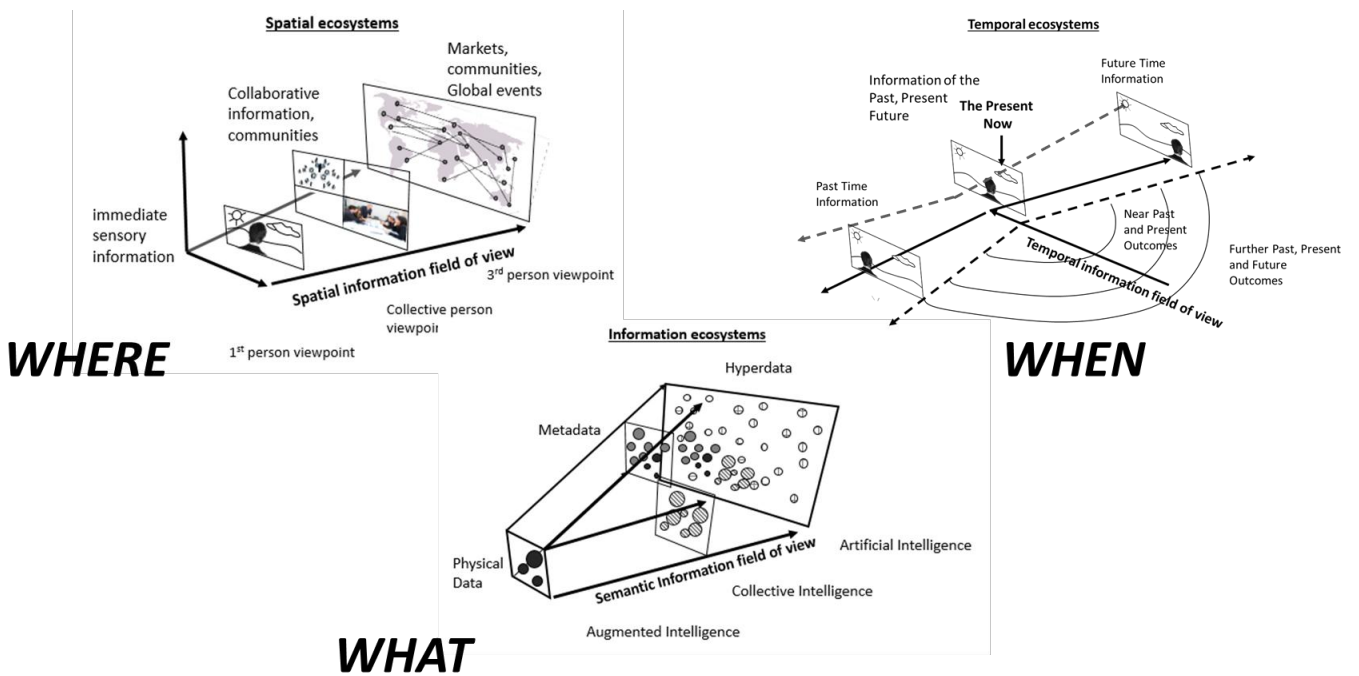
Value Network Ecosystem



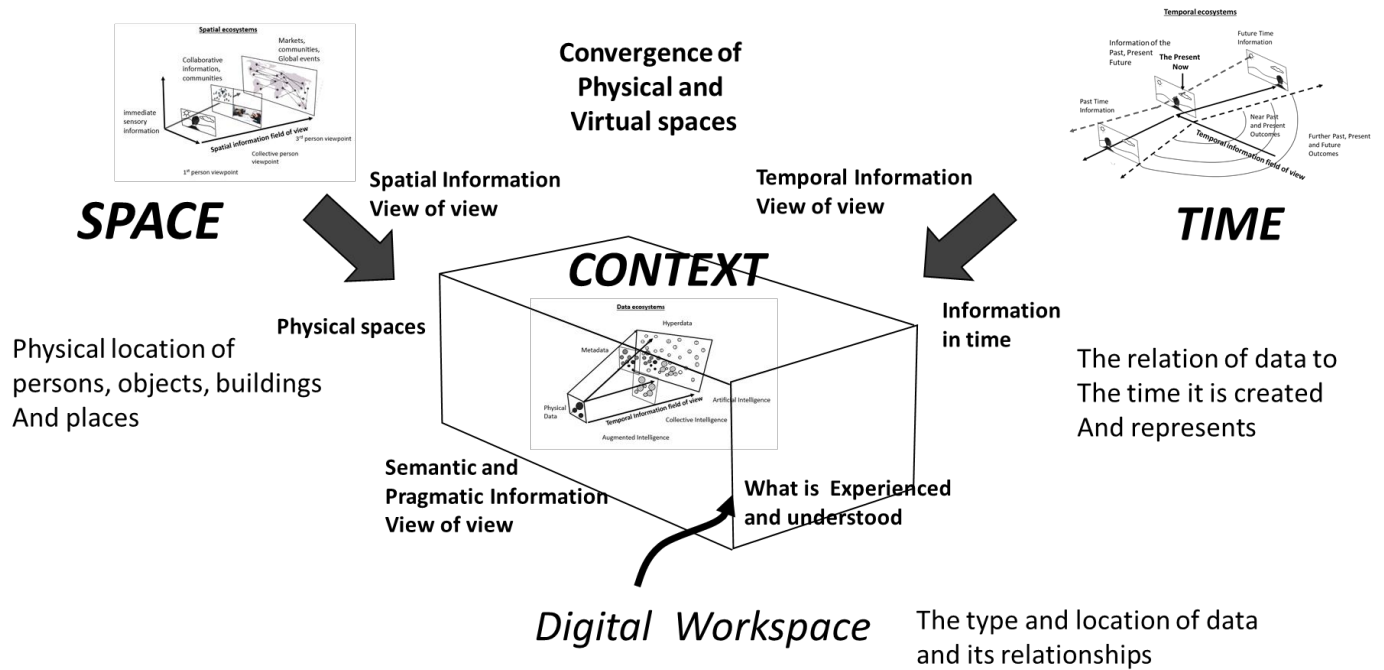
Digital Workspaces

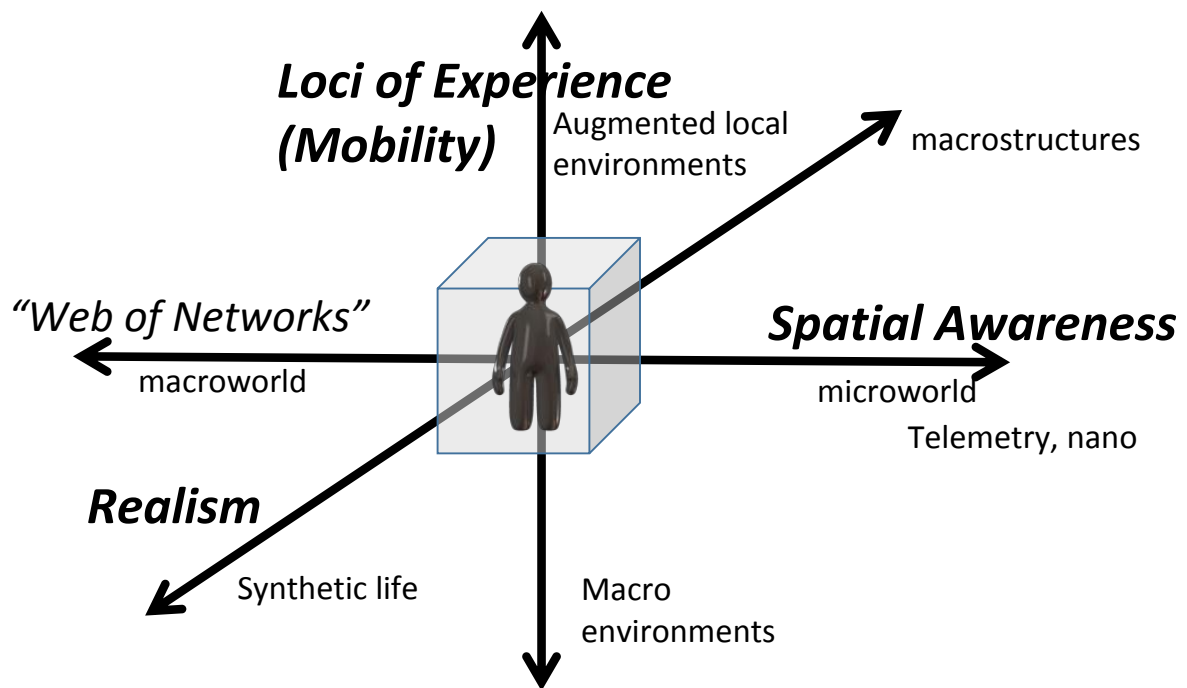


Convergence of digitization of physical and Virtual space and time

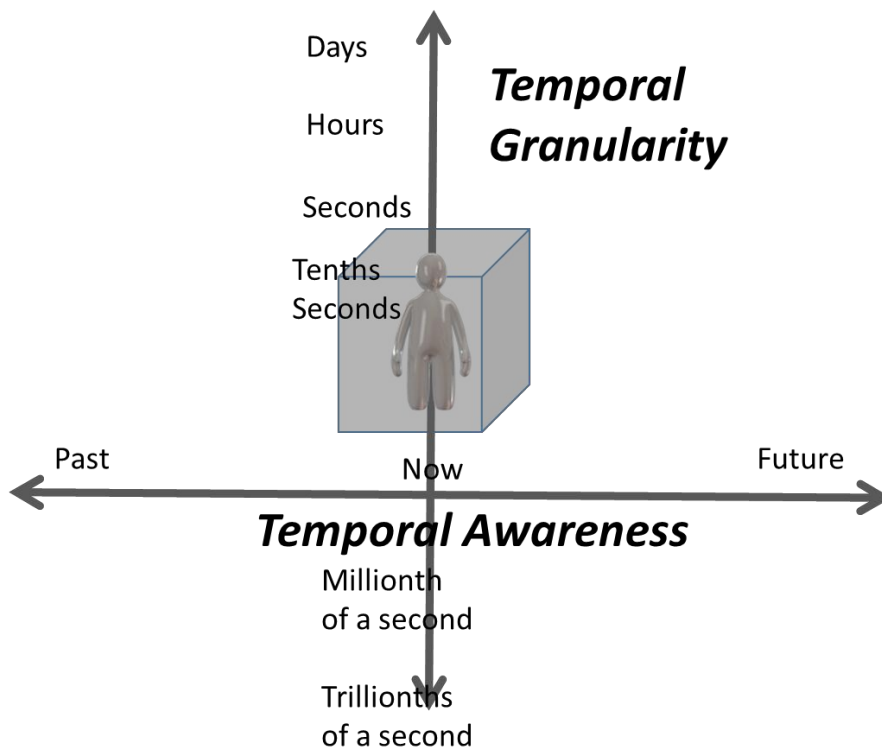


Transformation of Workplaces → Workspaces by Digitization



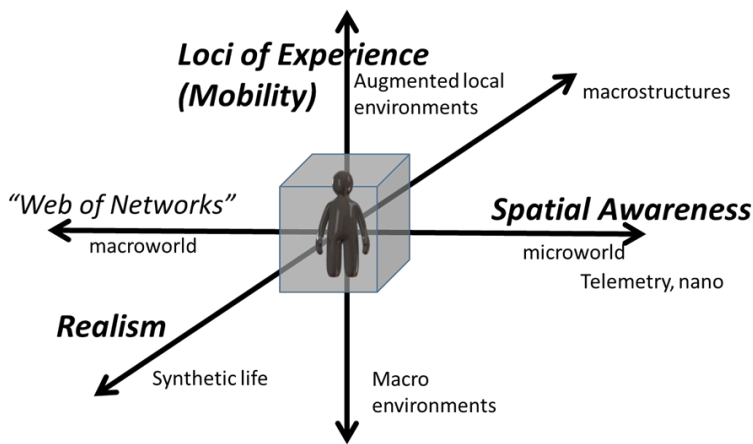


From 2D to multi-dimensional Modeling – ecosystems (evolution of computing sciences)

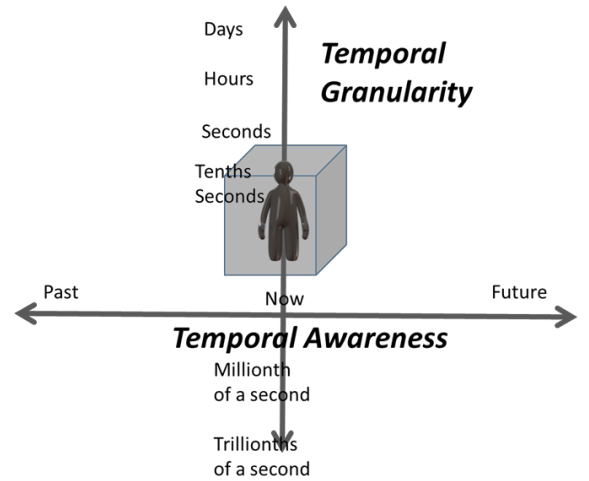


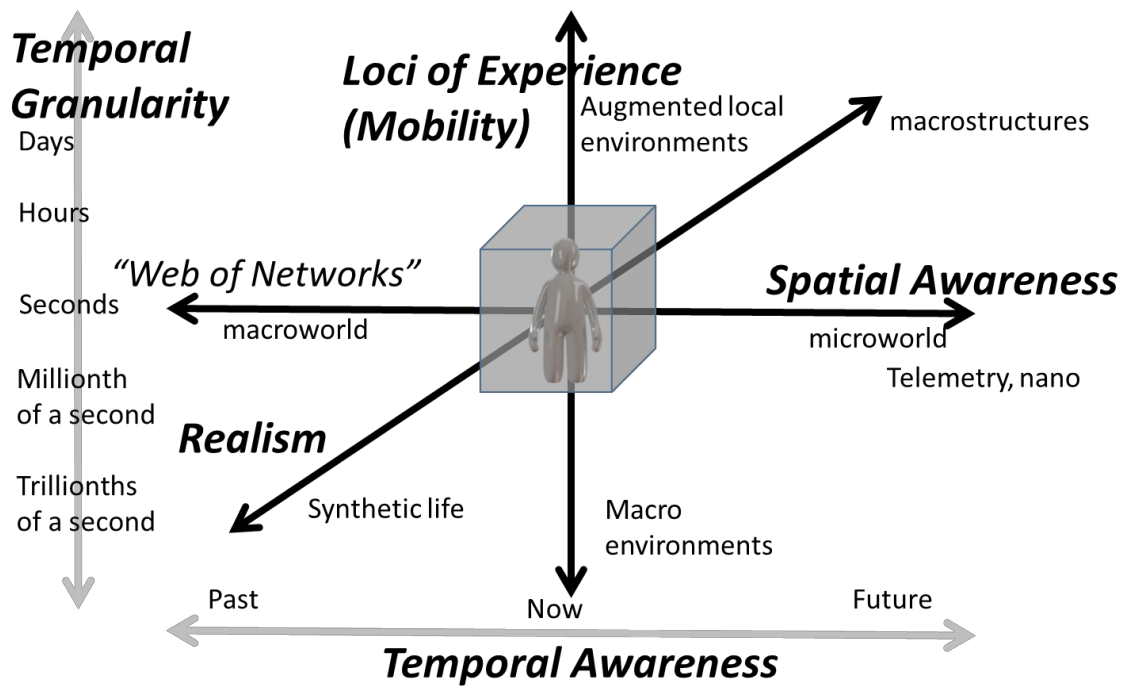
From 2D to multi-dimensional Modeling – ecosystems (evolution of computing sciences)

Transforming Spatial Experience

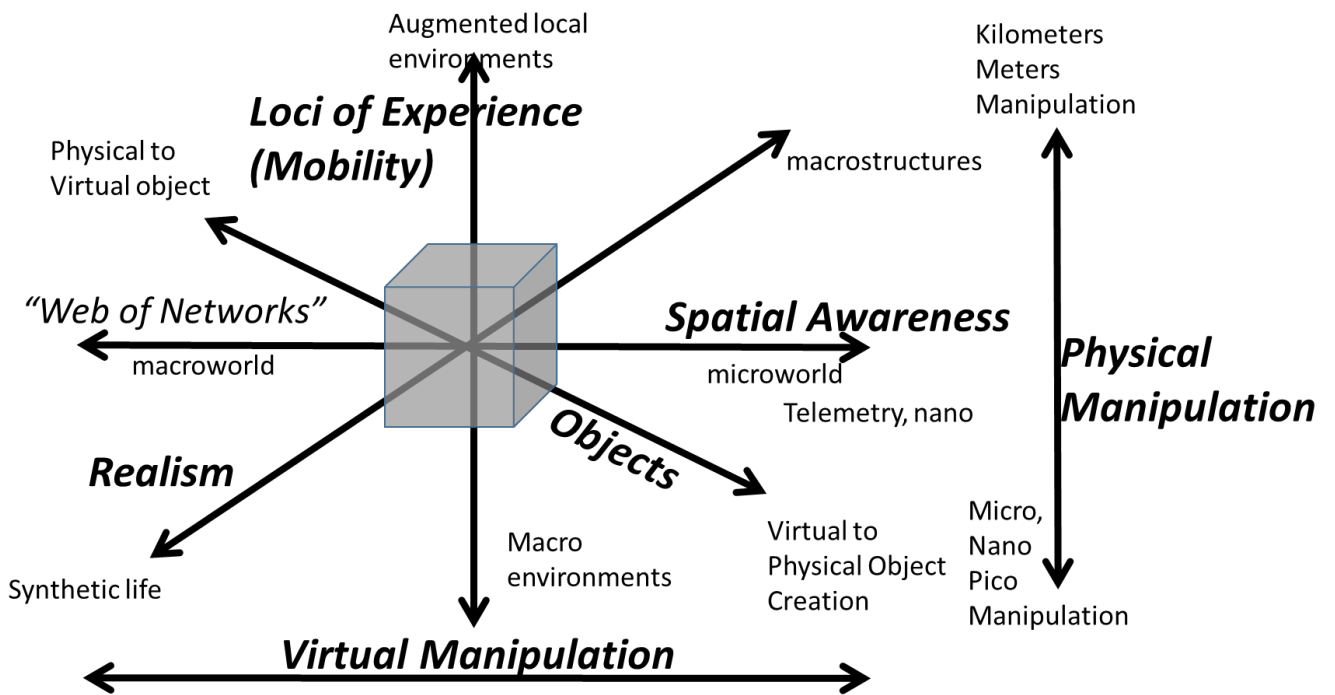


Transforming Temporal Experience

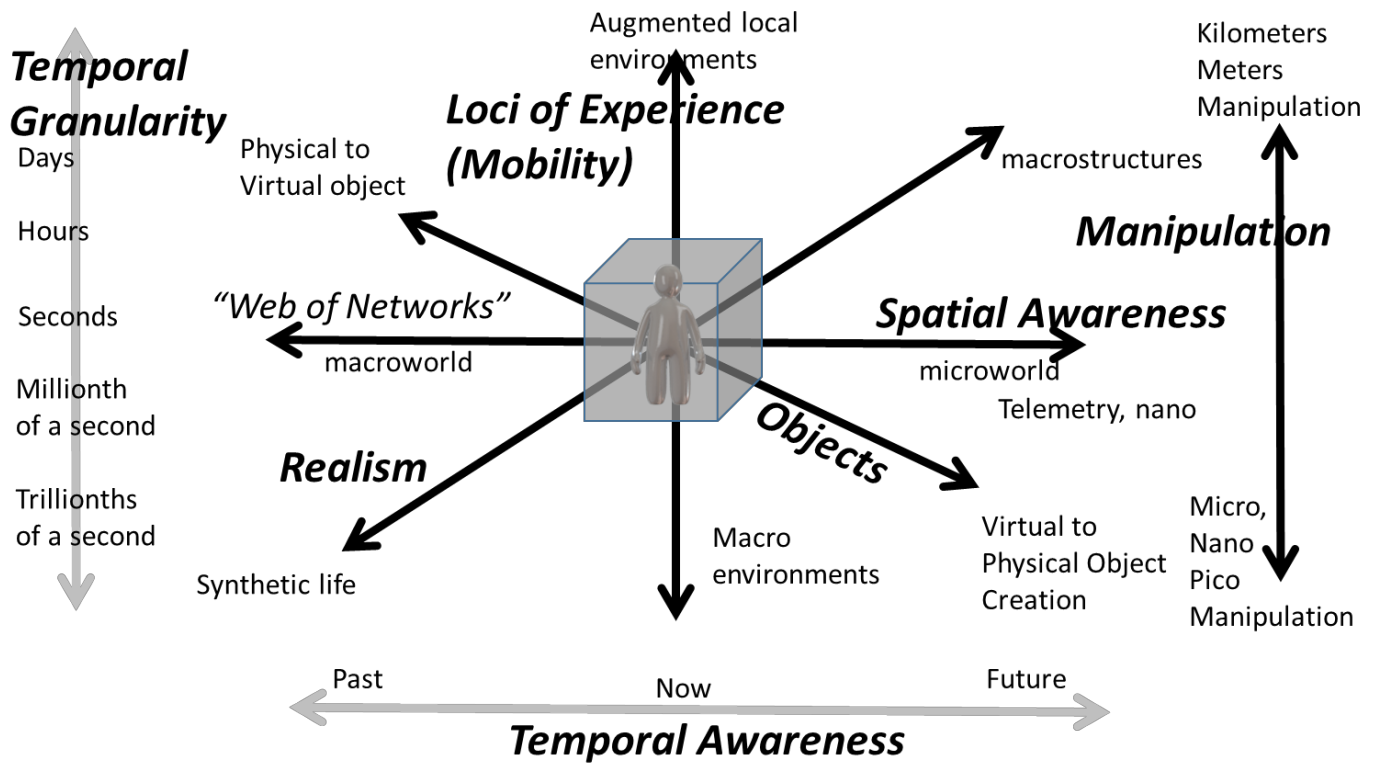




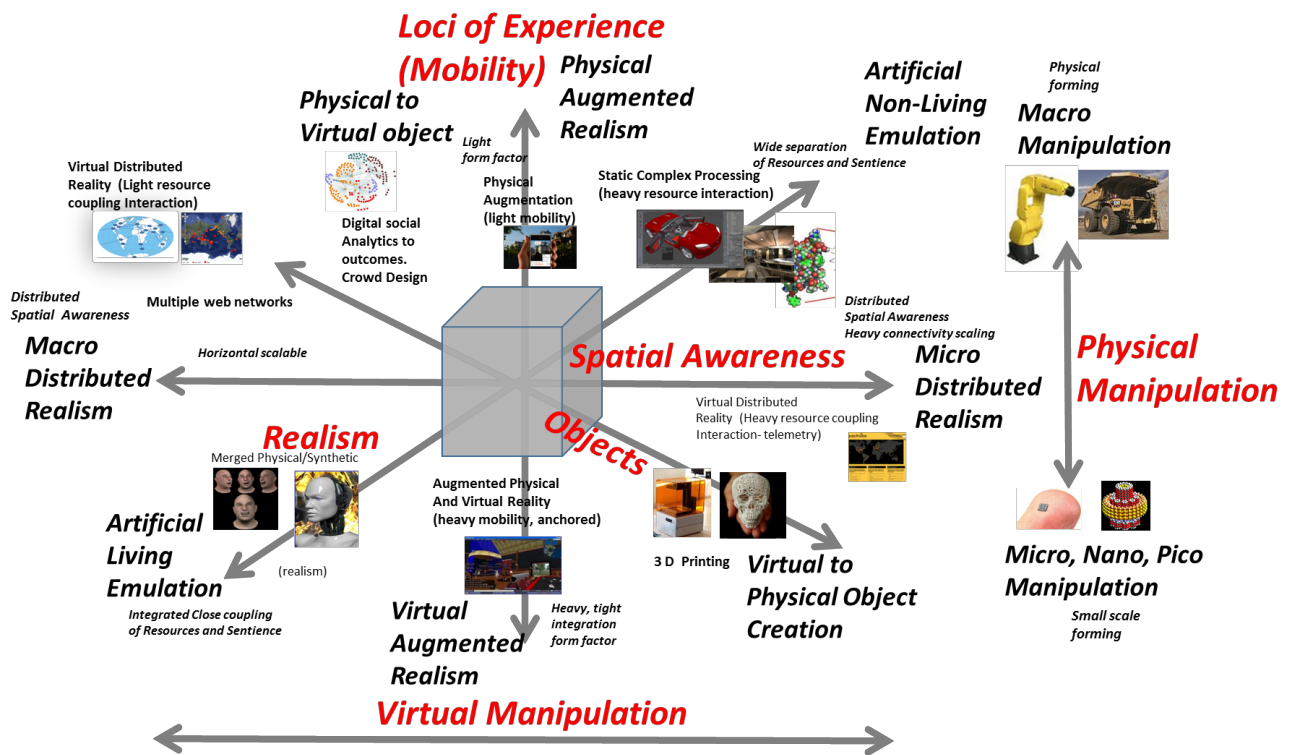
From 2D to multi-dimensional Modeling – ecosystems (evolution of computing sciences)



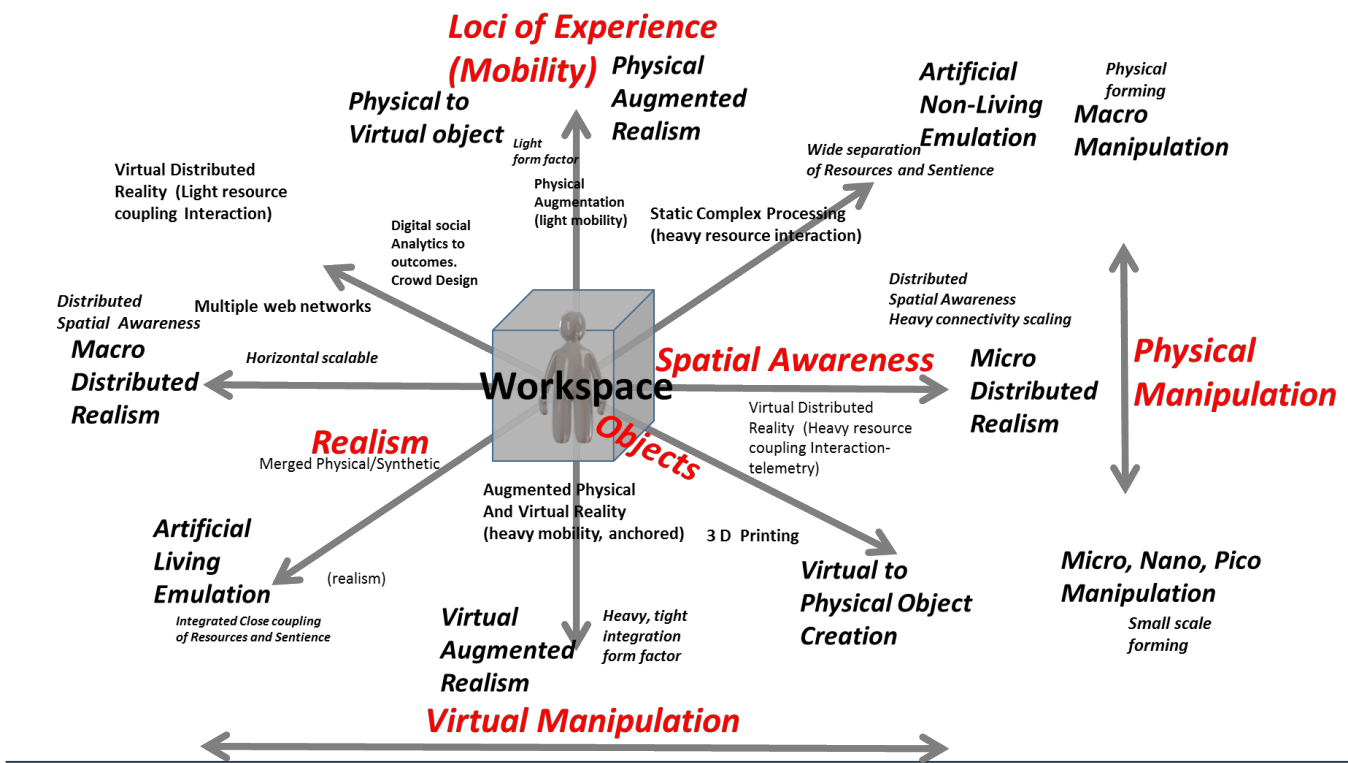
From 2D to multi-dimensional Modeling – ecosystems (evolution of computing sciences)



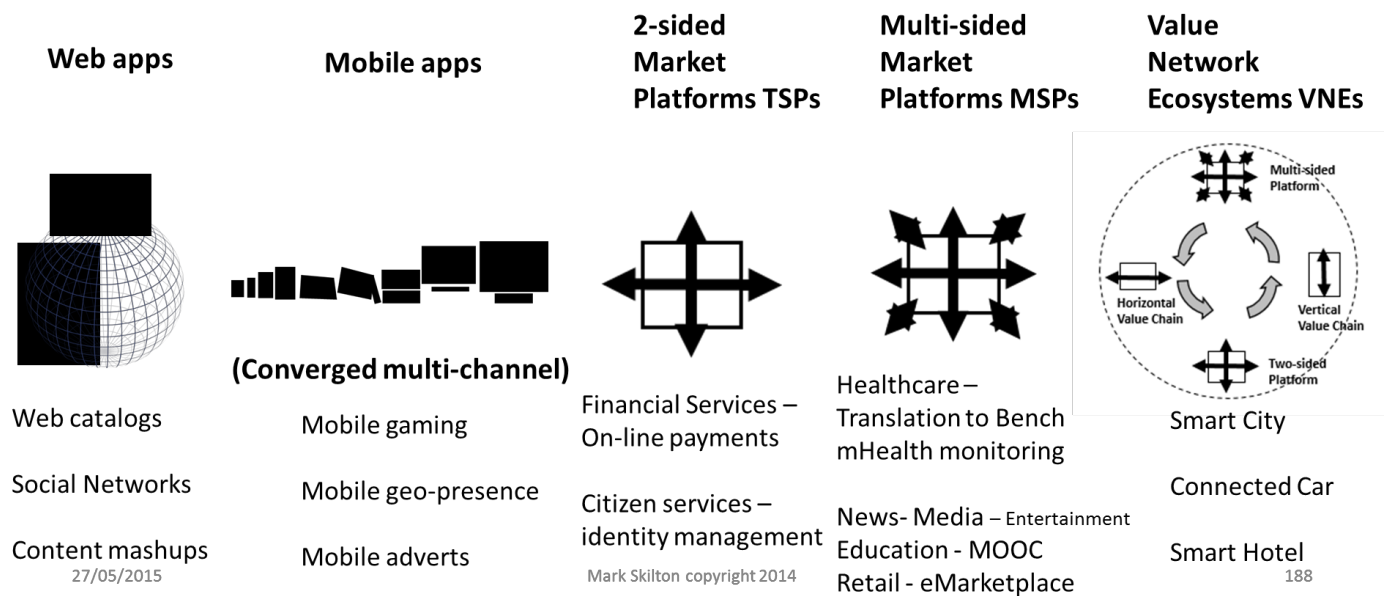
Advanced technology Engineering Transformation



Advanced technology Engineering Transformation

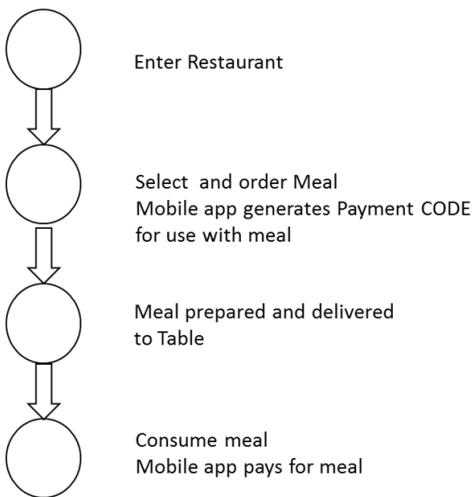


Towards building digital spaces

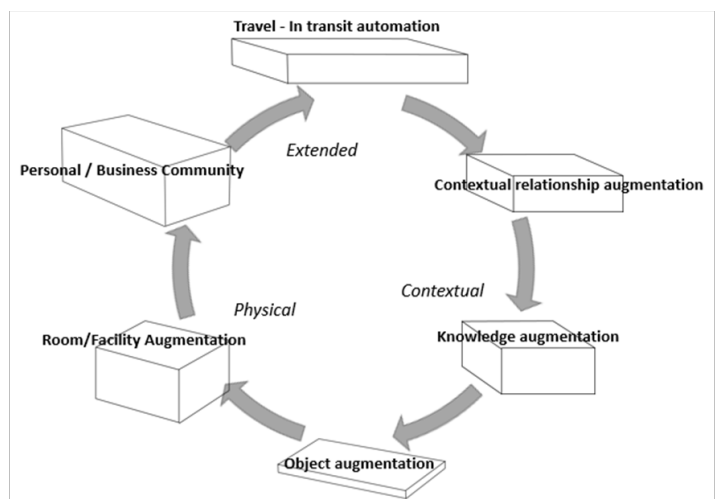


Evolution of technologically enabled (digital) spaces

Customer Touch Point Journey

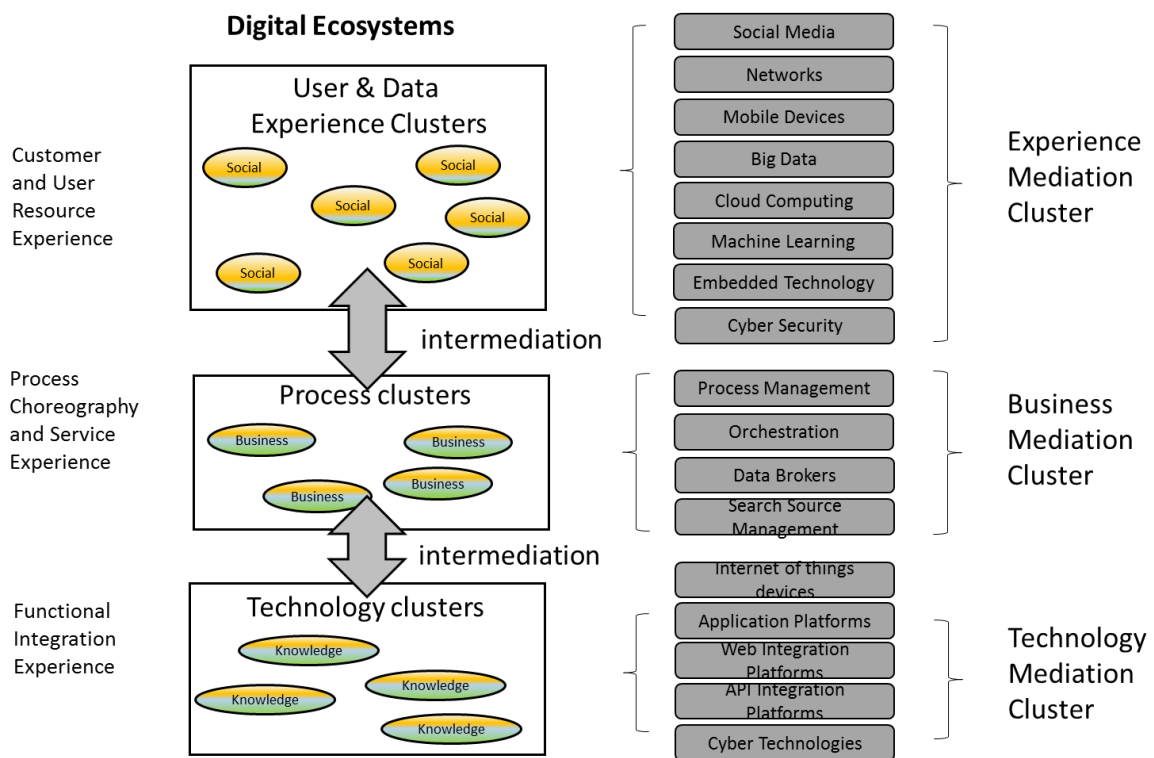


Digital Enterprise – Digital workspaces

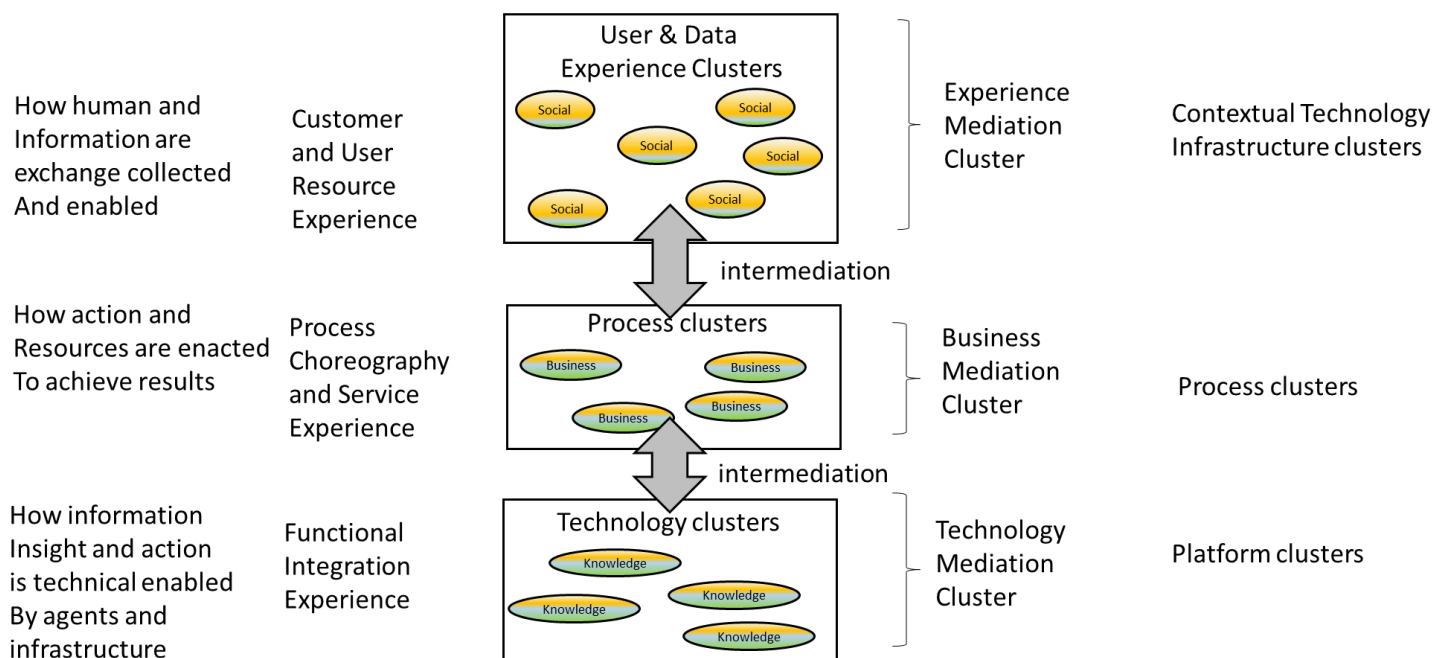


HAT is a cluster mediation

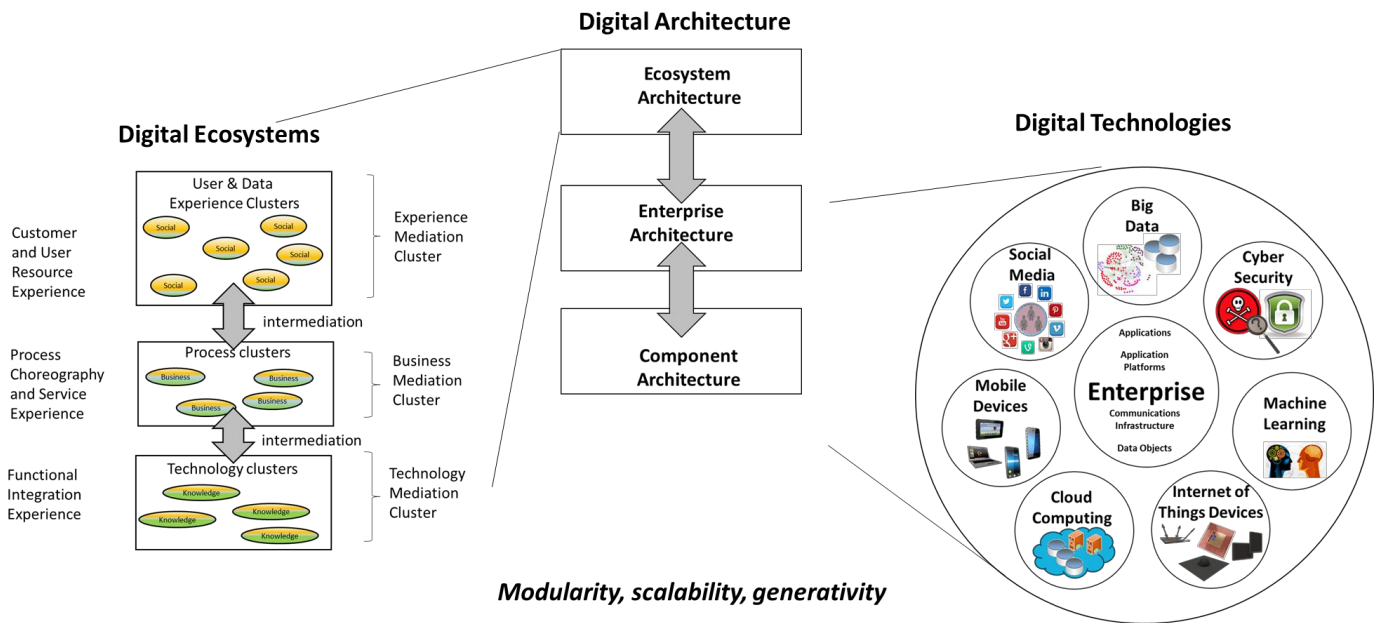
Towards ecosystem mediations Source: adapted from Youngjin Yoo 2010, 2012, 2014, Henfridsson 2014



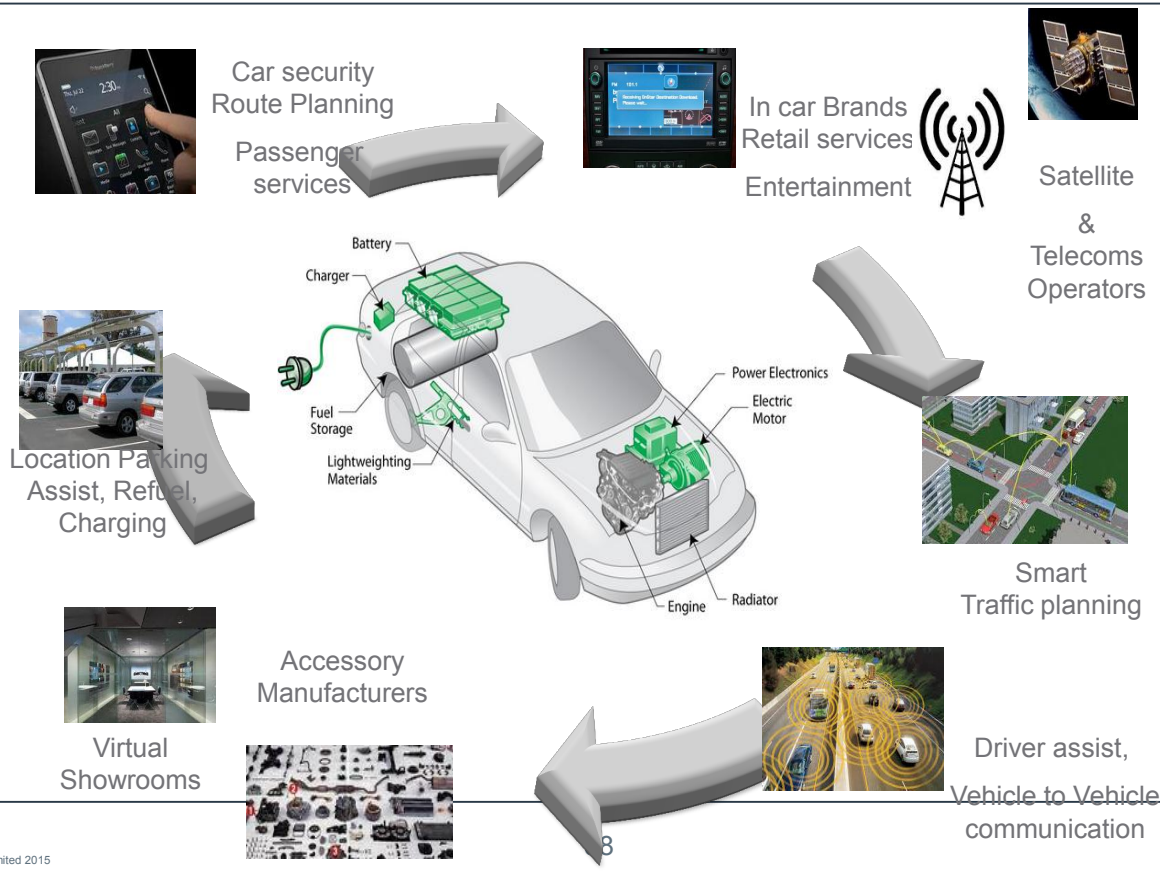
Digital ecosystem clustering



Need for new ontology



Connected Automobile Ecosystem



Smart Hotel Ecosystem

Room facilities

Connections and Transport



Loyalty cards, services



Travel and Booking services



Rooms & Facilities



In room services



Reordering and Brands

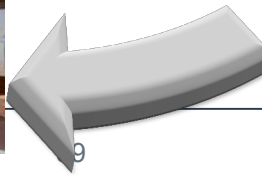


Reception services

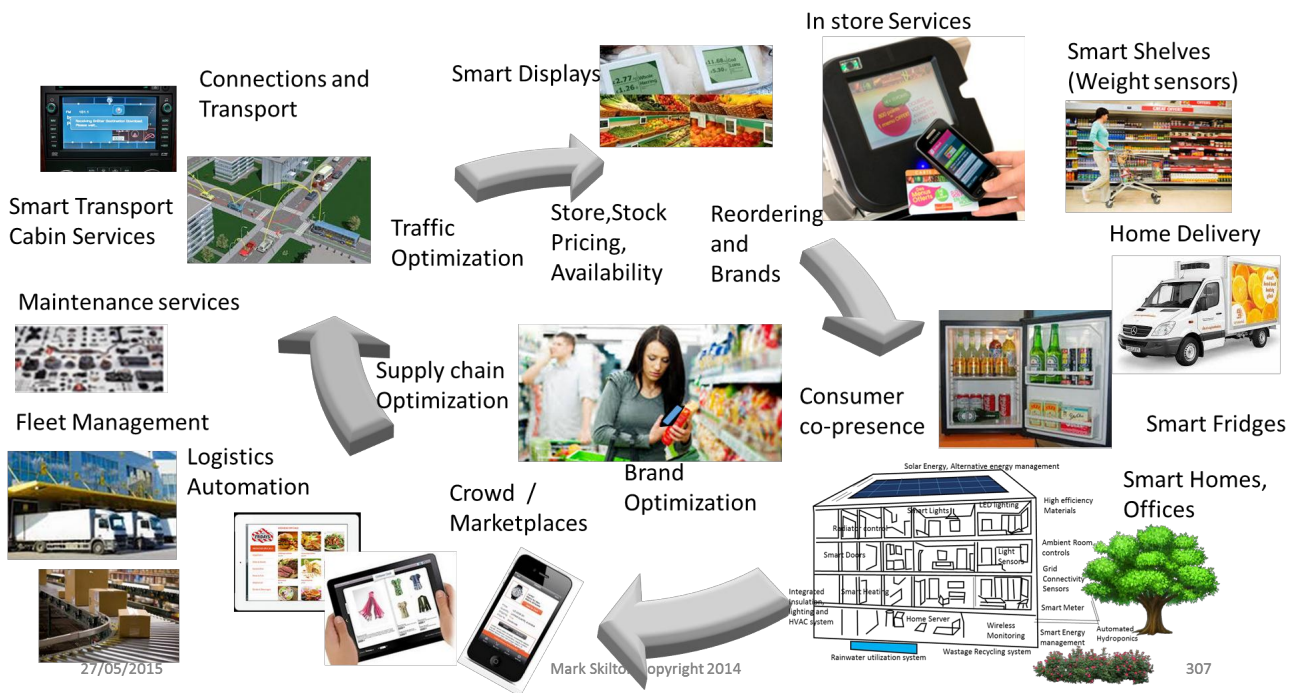
Room Cleaning Services



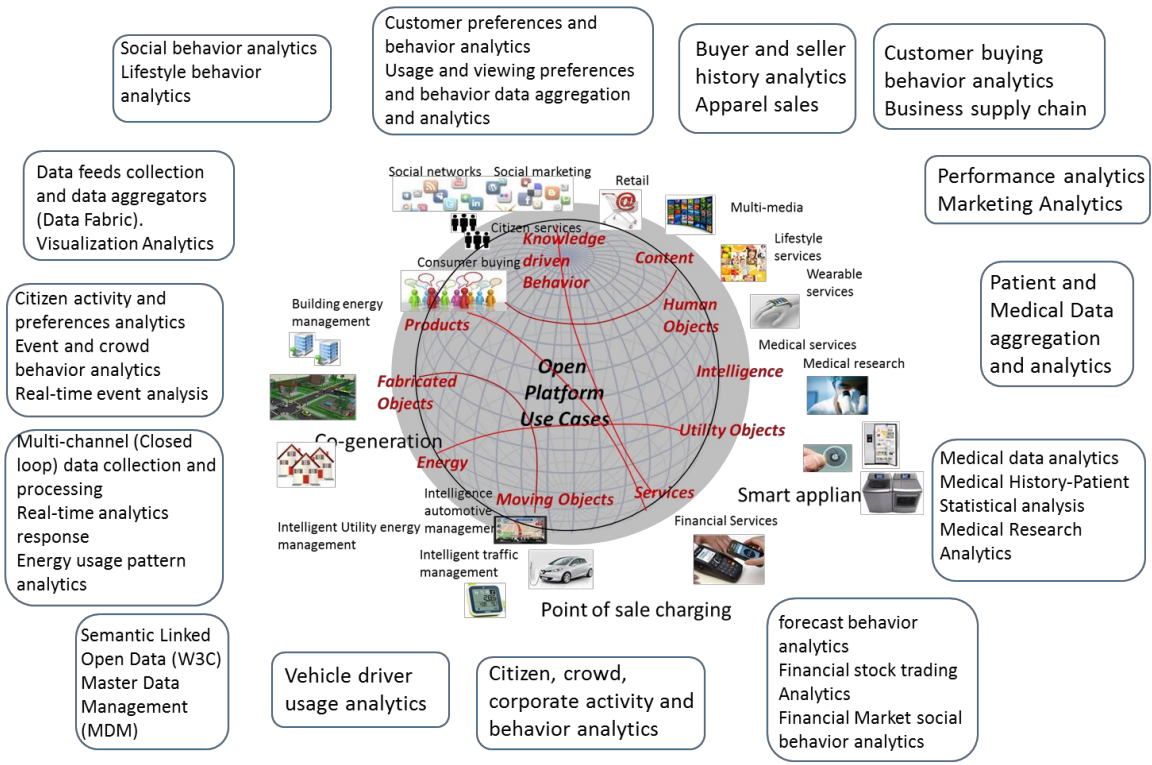
Maintenance services



eRetail



Data is a manifestation of markets..



A manifestation of the Digital Economy

