

# IDC Keynote

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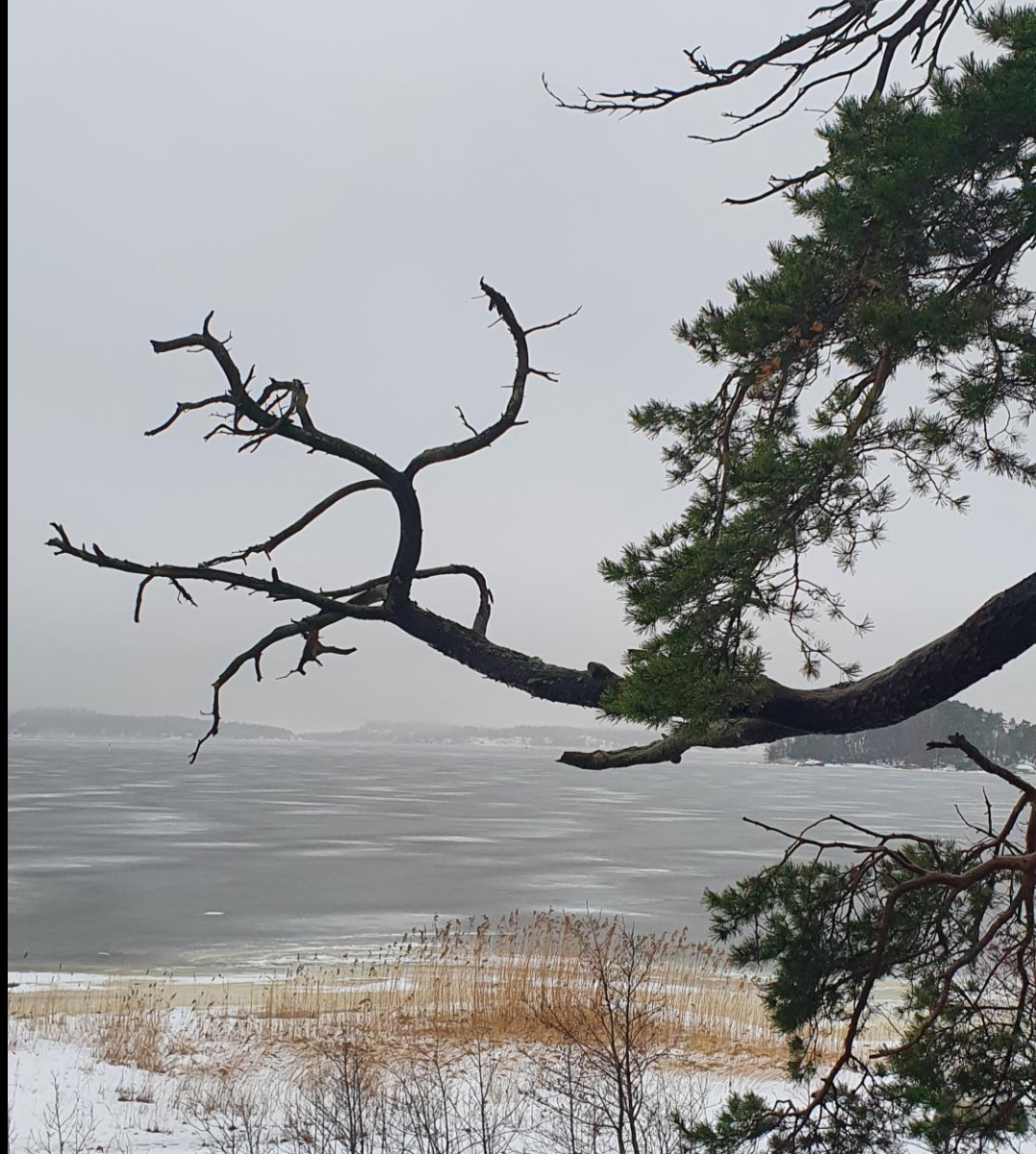
## Trust context as viewpoint for EA

Patrik Maltusch

02.03.2021



Aalto-yliopisto  
Aalto-universitetet  
Aalto University





# Patrik Maltusch

## Key Areas

Enterprise Architecture	Strategic alignment
Modeling	Capability model
Roadmap	Business process mapping

## Solution Support

Enterprise Modeling	Procurement support
Capability map	Aalto EA Principles
EA Landscape	EA Forum & SIG

A”

Aalto-yliopisto  
Aalto-universitetet  
Aalto University

Around

12 000

full-time equivalent degree students

90 000

alumni

Aalto University  
– a community of  
game changers

4 000

personnel

around

400

of whom are professors

In 2018, our students  
graduated with

263

doctoral,

1 628

master's,

1 218

bachelor's degrees, and

290

graduated from the MBA  
or EMBA programmes

Around

12 500

applicants seek admission to  
Aalto University every spring  
and approximately

15%

are admitted

Close to

100

companies are founded  
every year in our ecosystem

We rank

7<sup>th</sup>

in the world in art and design  
(QS World University Ranking 2019)

A! Aalto-yliopisto  
Aalto-universitetet  
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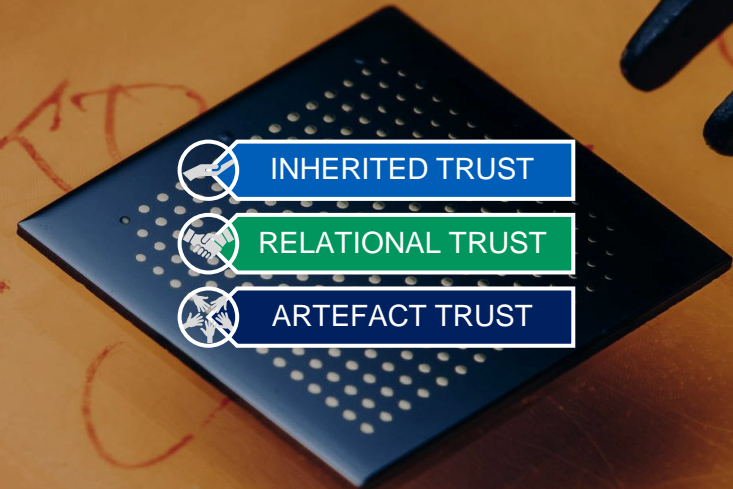
## TITLE:

Using Enterprise Architecture framework to map and make trust relations visible

## ABSTRACT:

Trust relationships can easily be identified by using a standard EA layer framework. This presentation will use the Finnish national public reference model (JHS 179) as baseline to demonstrate the relations associated to this approach. However, any similar framework can be used to build such map. I will use a simple case example based on a Machine Learning use-case to analyzing Support tickets. This will function as the canvas to visualize the existing Trust components in more detail.

Question to answer:



How to identify a trust structure in your Enterprise landscape



IDC APeJ eBook | How COVID-19 Accelerated the Demand for a Trust Framework

"BEGIN TO HAVE RESPONSIBILITY FOR AN INFORMATION OR CONTEXT THAT PREVIOUSLY EXISTED OR BELONGED TO ANOTHER PARTY"



**INHERITED TRUST**

"THE WAY TWO OR MORE PARTIES ARE CONNECTED, OR THE WAY THEY INTERACT TOWARDS EACH OTHER"



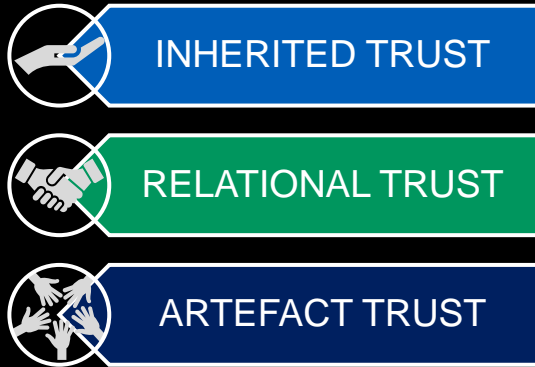
**RELATIONAL TRUST**

"SOMETHING THAT IS KNOWN TO EXIST, ESPECIALLY SOMETHING FOR WHICH PROOF EXISTS, OR ABOUT WHICH THERE IS A PEER REVIEW"



**ARTEFACT TRUST**

# EA Framework



MOTIVATIO / STRATEGY /  
PRINCIPLES

- WHY WE DO

CONCEPTUAL

- WHAT WE DO

LOGICAL

- HOW WE DO

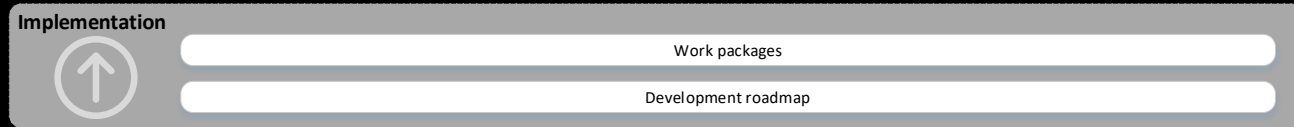
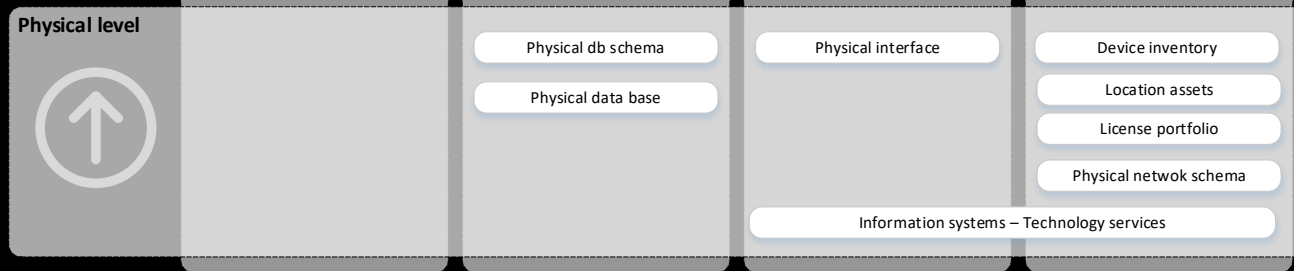
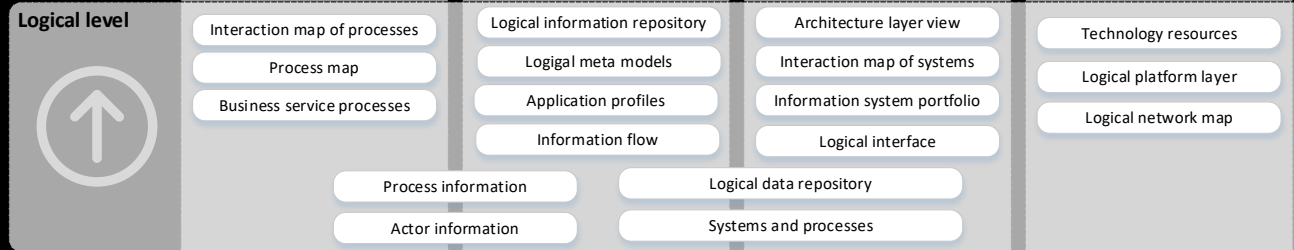
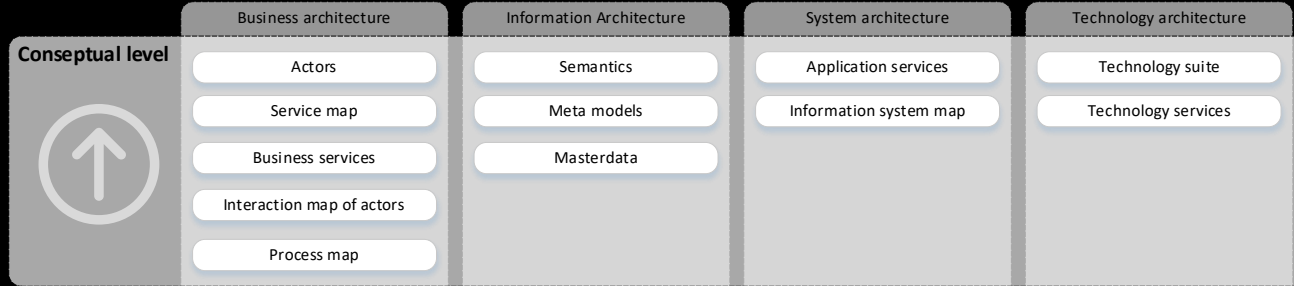
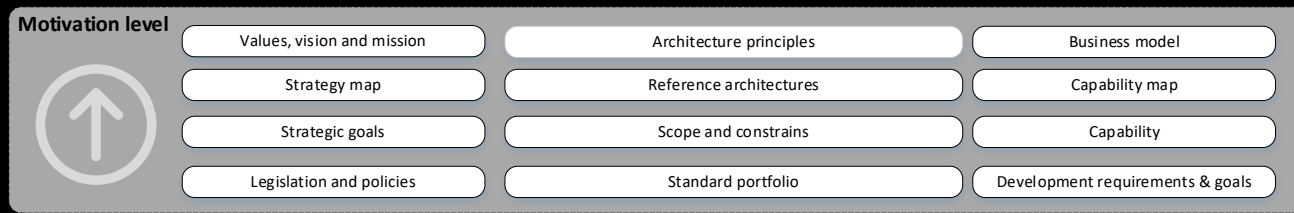
PHYSICAL

- WHAT WE USE

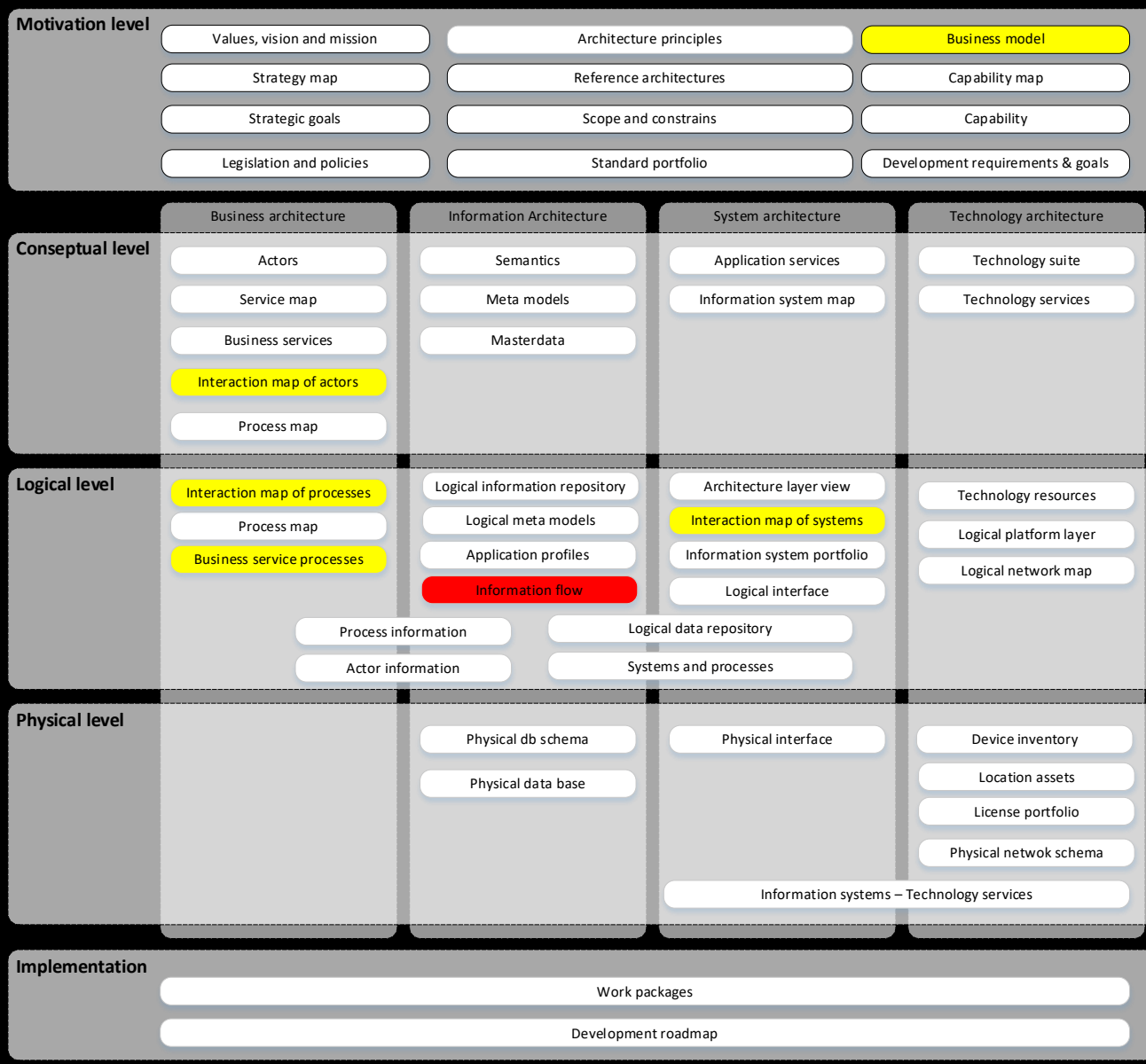
TRANSFORMATION / IMPLEMENTATION

- HOW WE PROCEED

# JHS 179

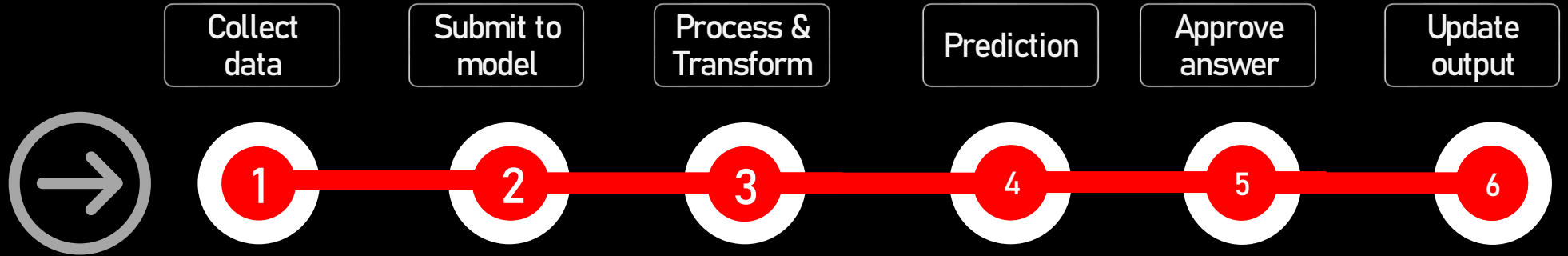


# JHS 179



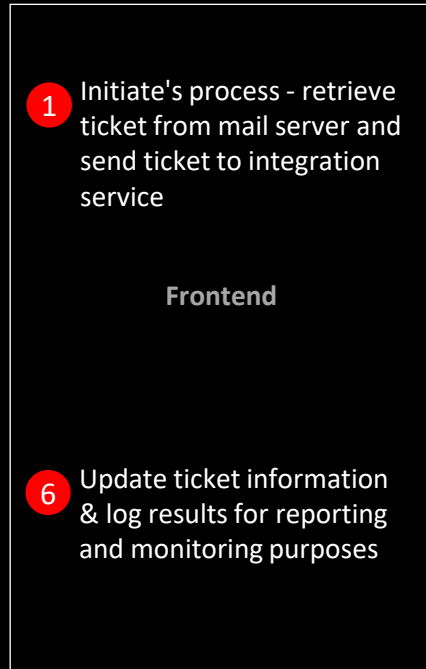
# AALTO PATH

# MACHINE LEARNING PATH

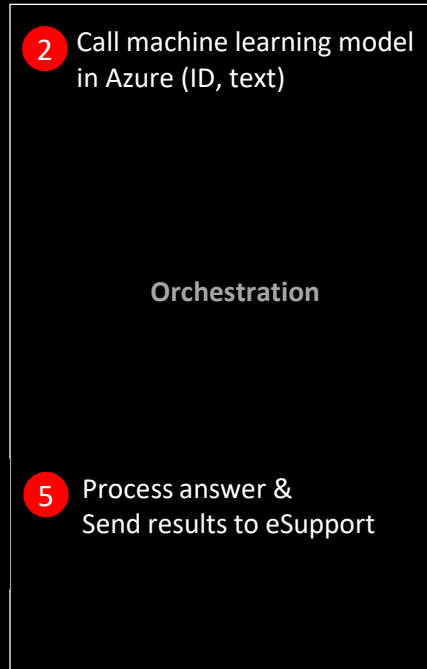


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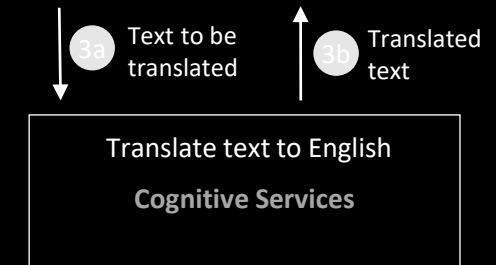
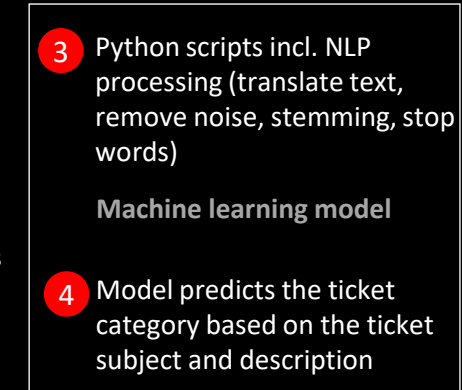
## Effecte eSupport ITSM tool



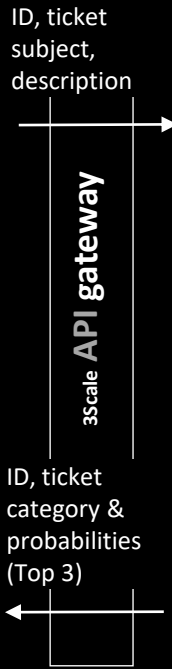
## Frends Integration service



## Openshift containers

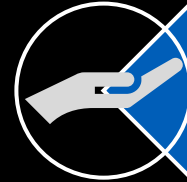


Microsoft Azure



# Trust Concept

“BEGIN TO HAVE RESPONSIBILITY FOR AN INFORMATION OR CONTEXT THAT PREVIOUSLY EXISTED OR BELONGED TO ANOTHER PARTY”



INHERITED TRUST

”THE WAY TWO OR MORE PARTIES ARE CONNECTED, OR THE WAY THEY INTERACT TOWARDS EACH OTHER”



RELATIONAL TRUST

“SOMETHING THAT IS KNOWN TO EXIST, ESPECIALLY SOMETHING FOR WHICH PROOF EXISTS, OR ABOUT WHICH THERE IS A PEER REVIEW”



ARTEFACT TRUST

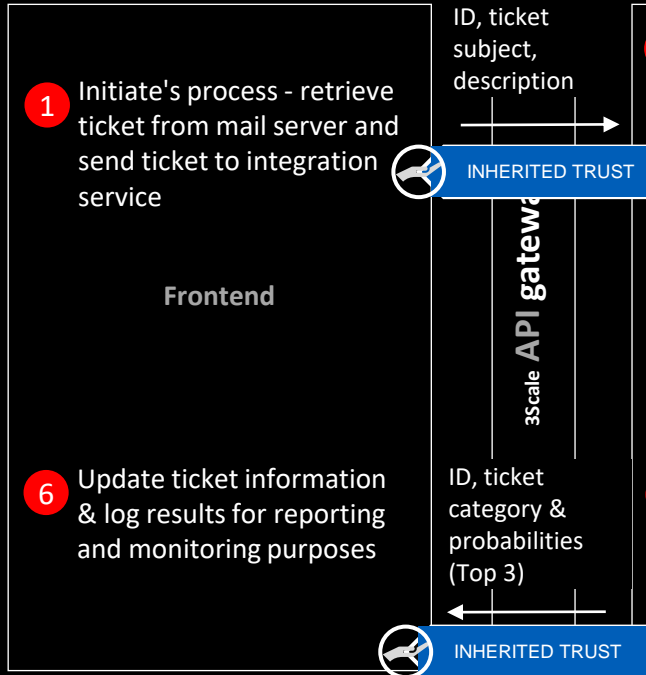


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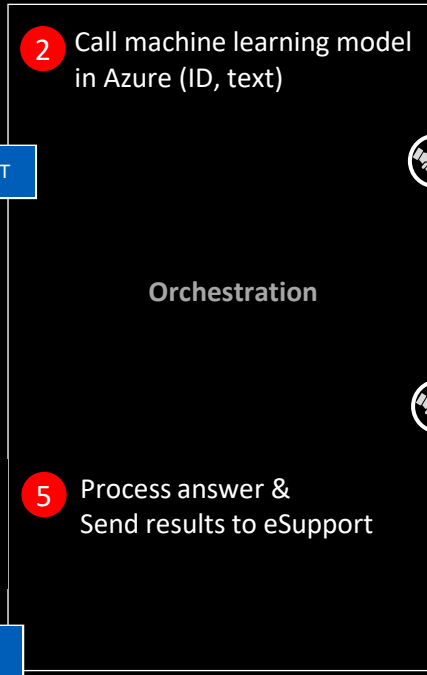
[Patrik.Maltusch@aalto.fi](mailto:Patrik.Maltusch@aalto.fi)

# AALTO PATH

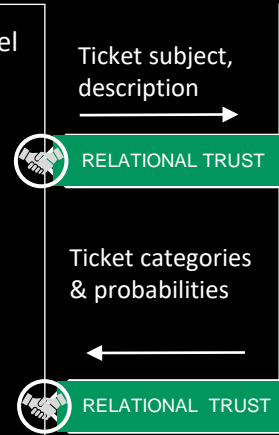
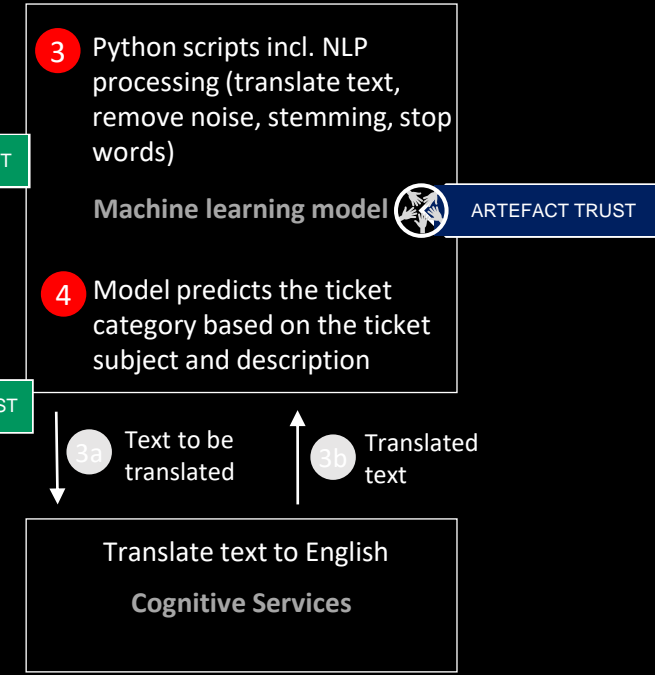
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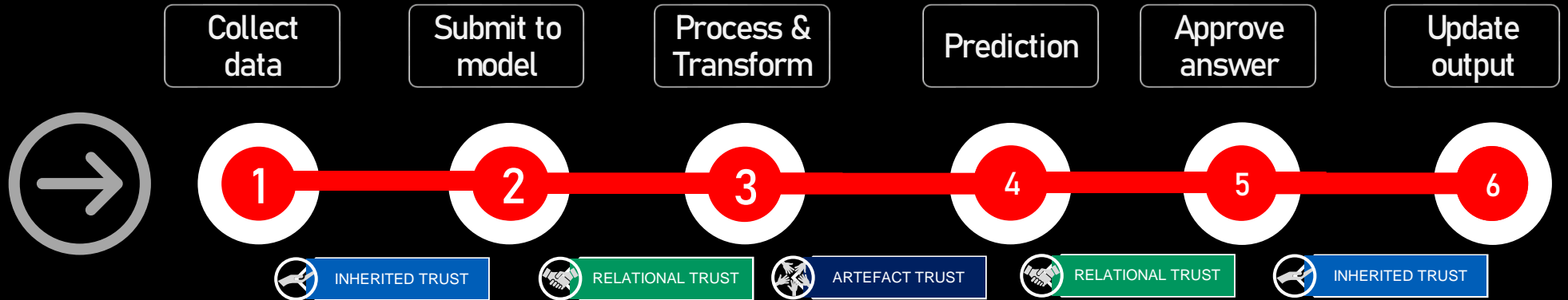
## Openshift containers



Microsoft Azure

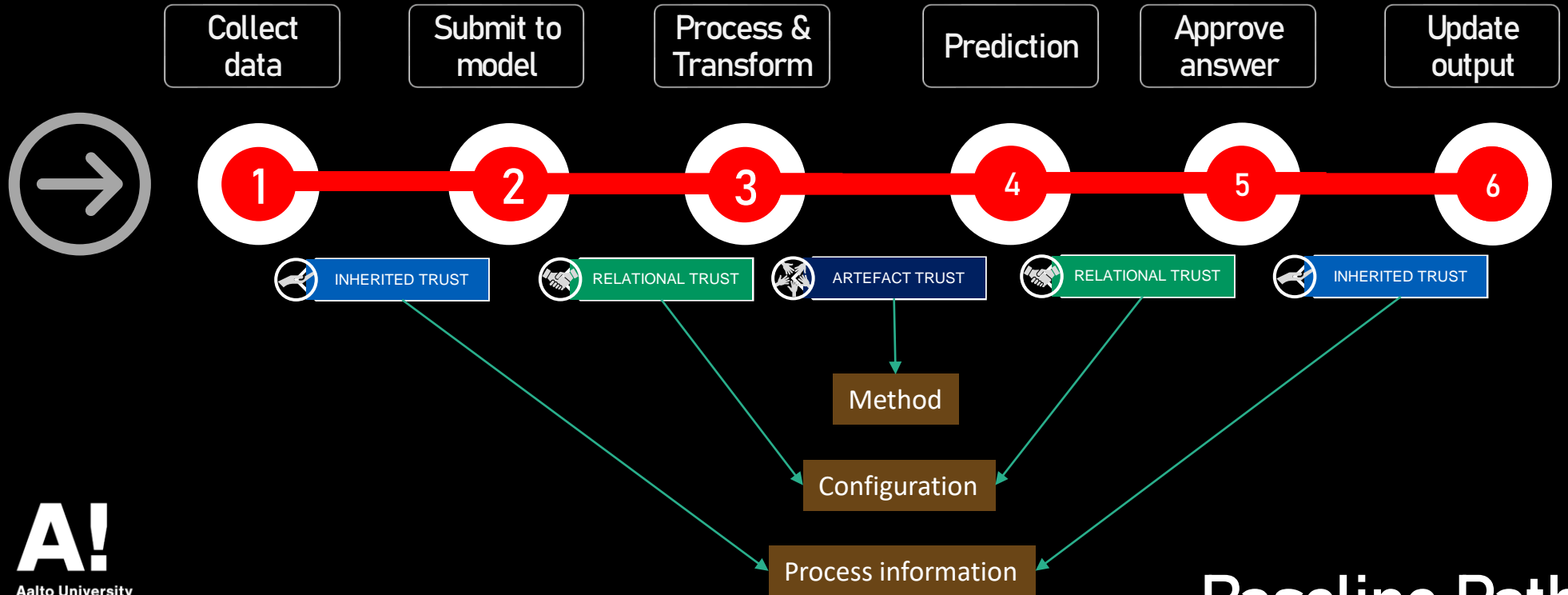
# AALTO PATH

# MACHINE LEARNING PATH



# AALTO PATH

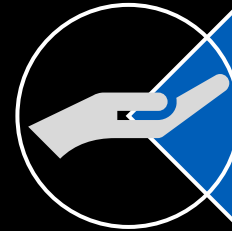
# MACHINE LEARNING PATH



## Baseline Path

“BEGIN TO HAVE RESPONSIBILITY FOR AN INFORMATION OR CONTEXT THAT PREVIOUSLY EXISTED OR BELONGED TO ANOTHER PARTY”

Process  
information



INHERITED  
TRUST

“THE WAY TWO OR MORE PARTIES ARE CONNECTED, OR THE WAY THEY INTERACT TOWARDS EACH OTHER”

Configuration



RELATIONAL  
TRUST

“SOMETHING THAT IS KNOWN TO EXIST, ESPECIALLY SOMETHING FOR WHICH PROOF EXISTS, OR ABOUT WHICH THERE IS A PEER REVIEW”

Method



ARTEFACT  
TRUST



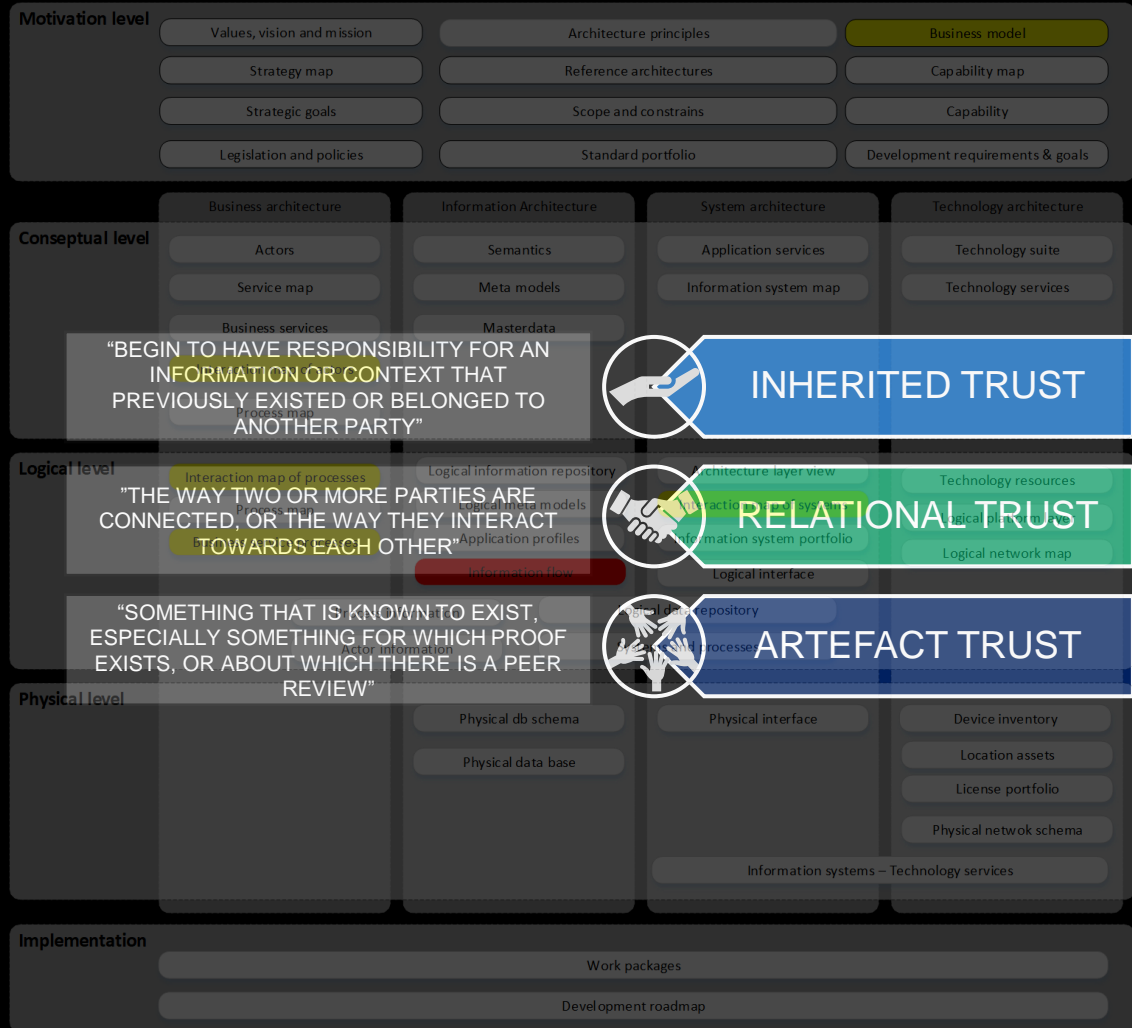
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# Trust Concepts



IDC APeJ eBook | How COVID-19 Accelerated the Demand for a Trust Framework

VS.



FACT IS A KEY ATTRIBUTE IN TRUTH.  
TRUST IS A KEY ATTRIBUTE IN COLLABORATION

**TRUTH** AND **TRUST** TOGETHER  
IS A KEY TO **SUCCESS**



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