

DigiTwin demoday

Kari Tammi

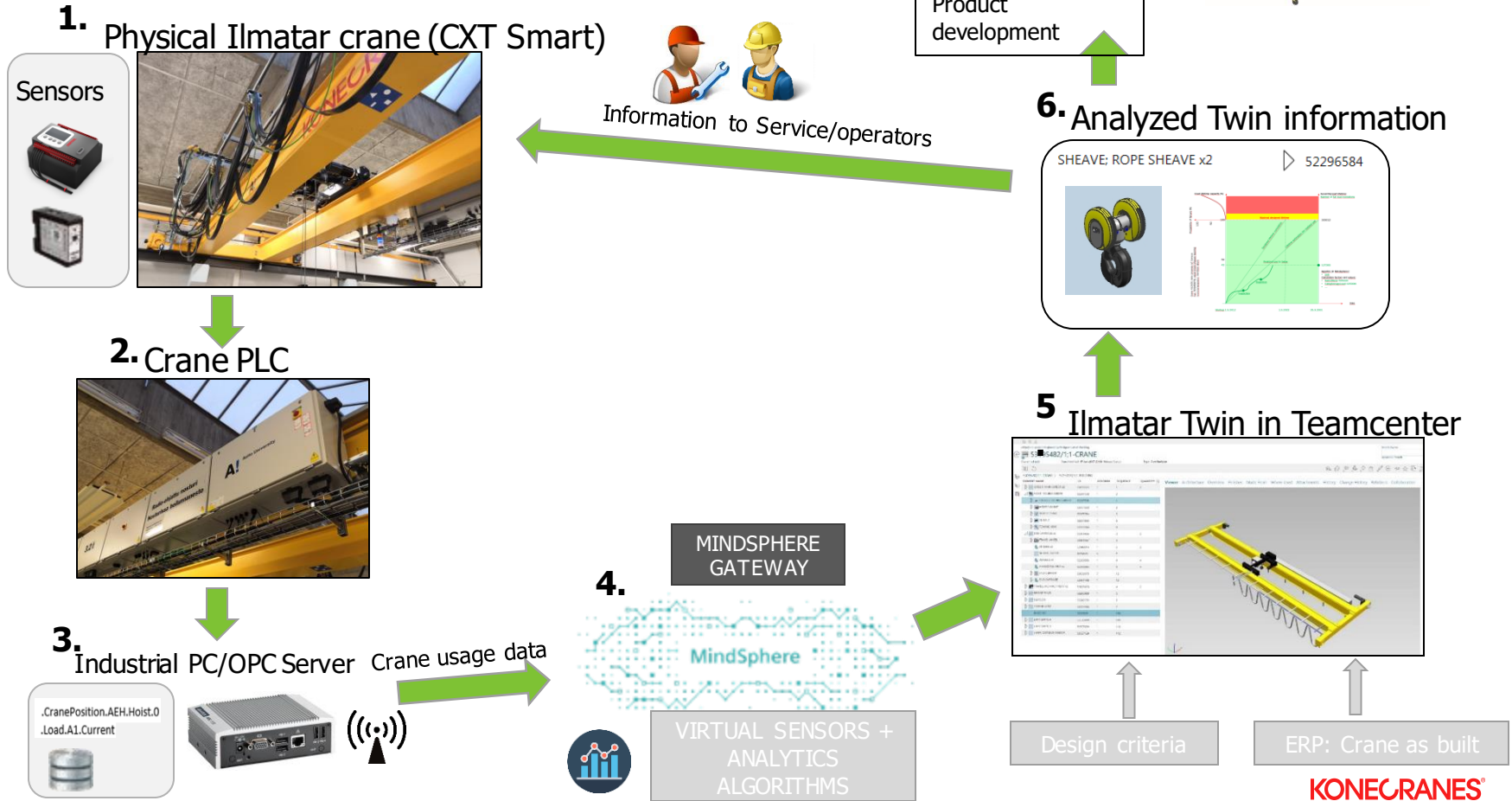
Nov 22, 2019



Aalto-yliopisto
Aalto-universitetet
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Ilmatar (1st Demo day)

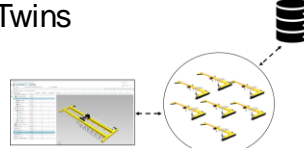


2nd Demo day, demos & agenda

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7

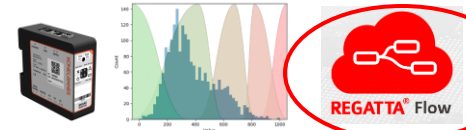
Scalability of Digital Twins



REMION

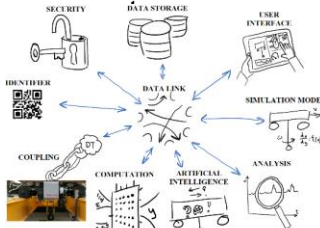
6

Flow based AI methods for DT



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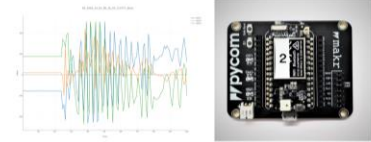
Digital Twin



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5

Sensor platform for DT



REMION

2

DT Core:
Building block for DT



RDVELHO

3

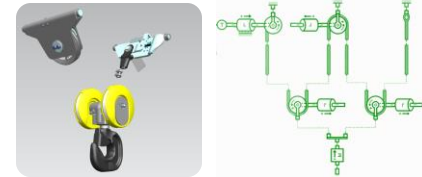
RBS Design automation in DT loop



IDEAL PLM

4

Bring your Digital Twin to Life



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What has happened during DigiTwin project?

Hype vs. expectations?

→ Definitions

→ Grounding examples, demos, workshop

Interfaces, NBloT capabilities

Task force meetings

DigiTwin doctoral seminar, Quest lectures (Aalto, Finland, abroad)

Publications, MSc theses

Findings

More complicated than thought (surprise??!!)

Data still obstacle (quality, availability, sharing)

Potential to deeply impact on engineering design (process?)

Interfaces must work

Extremely interesting topic

Mostly worked by cases, but also generalised

Have a nice day!