

# Challenge Factory 2016

Instrument for combining student forces  
with research programs

Marko “NarsuMan” Rintamäki

# What is Challenge Factory ?

Challenge Factory is a concept for working as a summer trainee for the N4S Project in JAMK University of Applied Sciences. As a Challenge Factory member you get to work with N4S@JAMK and Cyber Trust team.

Research team members acts as mentors within Challenge Factory and gives several challenges to seize with modern working methods. LEAN Startup Methodolody, MVP, QA, Test Automation, CI and CD, Service Design, UX...

<http://n4sjamk.github.io/challenge-factory.html>



# Primary Research targets..

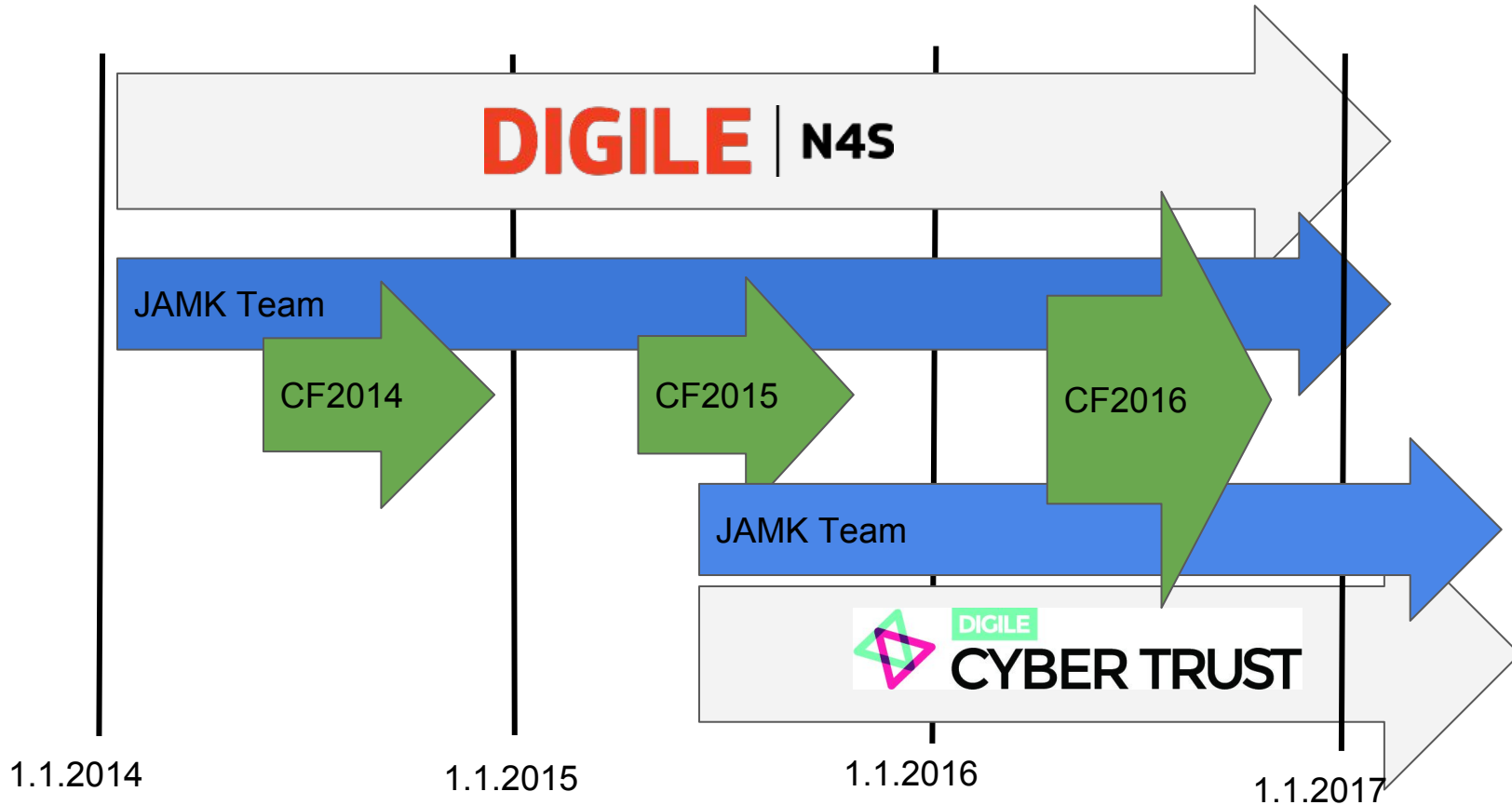
Speed, trust, security, working flow and continuous delivery in the cloud service domain

<http://www.n4s.fi/en/>

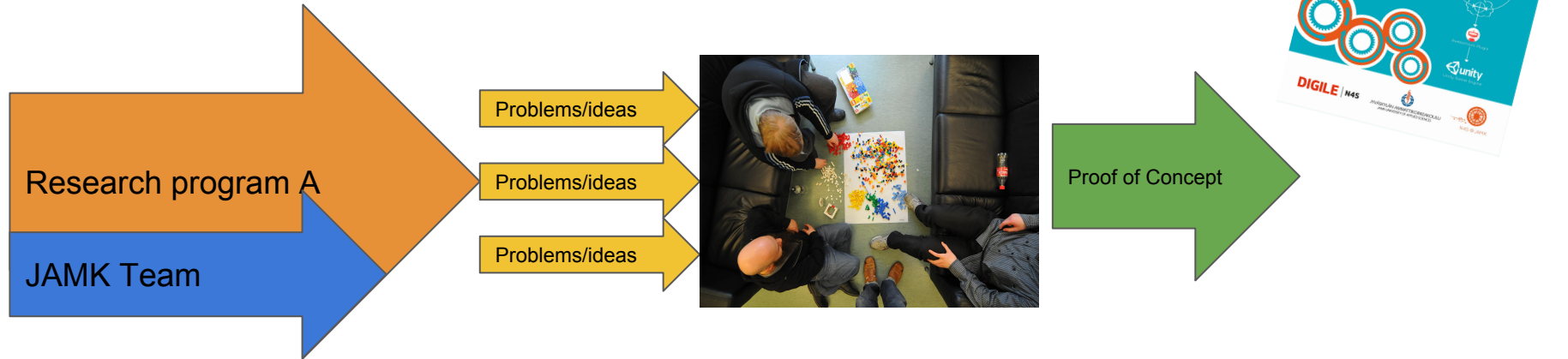
<http://digile.fi/en/service/research/cyber-trust/>



# How we have been organized?



# What are the challenges and the results?



*We are university of applied science, so we focus on to do high quality engineer work and problem solving. We make things happen!*

# What we have been doing lately?

- <http://freenest.org/home>
- <http://n4sjamk.github.io/challenge-factory-2014.html>
- <http://n4sjamk.github.io/challenge-factory-2015.html>
- 
- [https://www.youtube.com/watch?v=Sd\\_vgBdvRbo](https://www.youtube.com/watch?v=Sd_vgBdvRbo)
- <https://www.youtube.com/watch?v=c7A9oHY9r-Y>

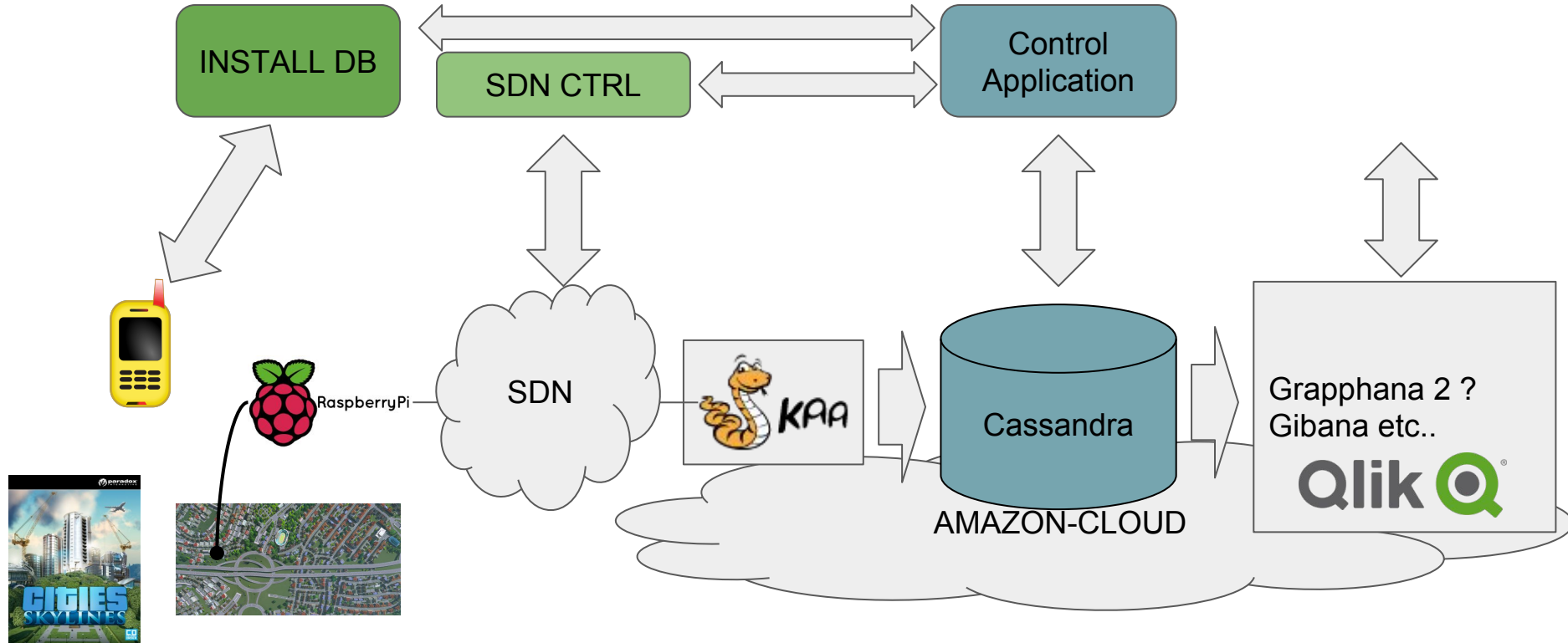


# What next ?



- Gamification in medical sector
- Competence building around IOT (Internet of things)
- DevOps working methods in practice

# Example: Building a reference of IOT platform





# Thank for your time!

Questions ?

[marko.rintamaki@jamk.fi](mailto:marko.rintamaki@jamk.fi)