



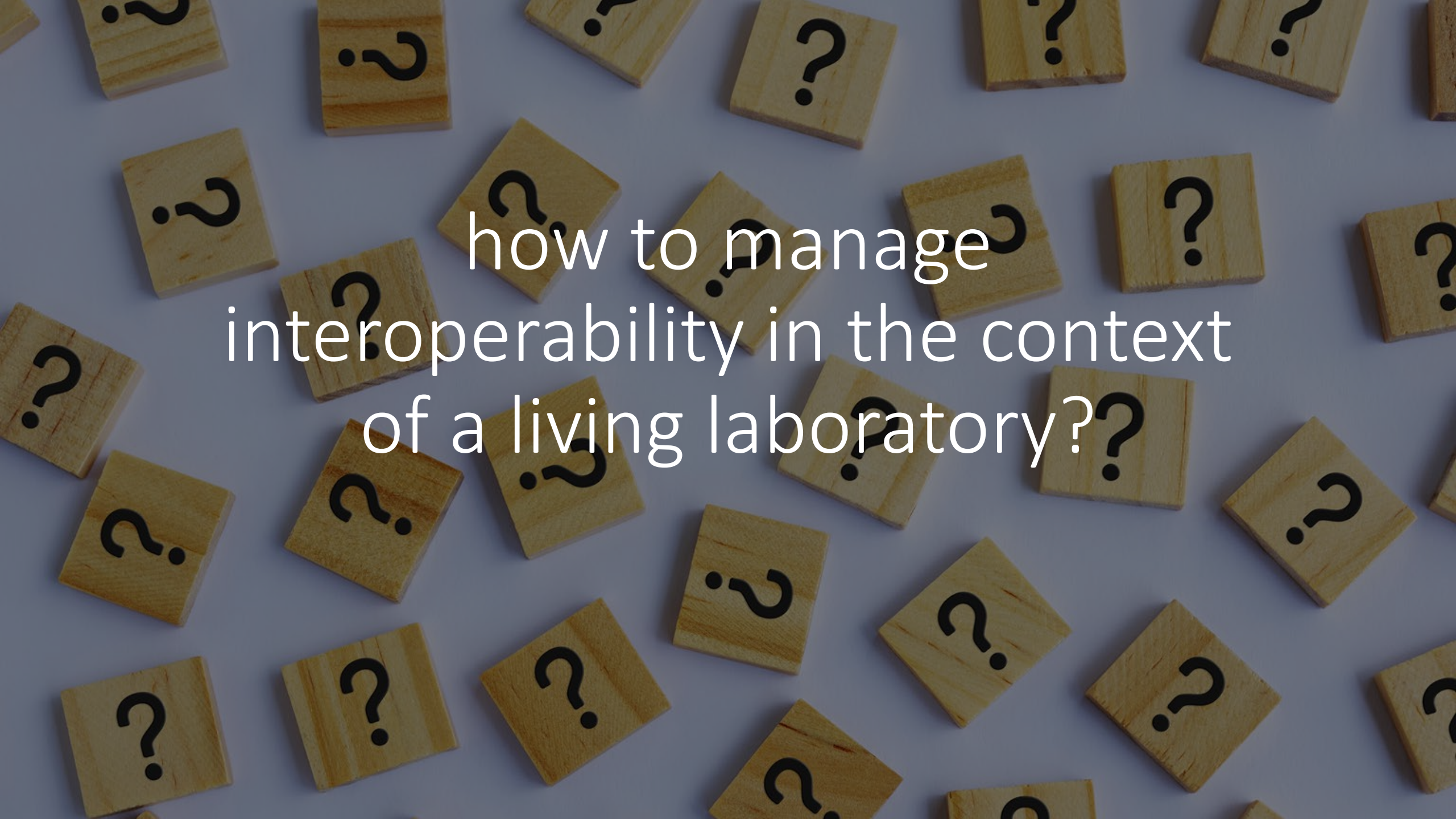
EU-JAPAN VIRTUAL COACH FOR SMART AGEING

# Project - Objectives

Socio-Technical System with Robots, Smart Devices and Trustworthy AI



- **Objective 1:** Develop a set of standards and norms for interoperability of advanced IoT, NLP and AI based smart living technology in Europe and Japan
- **Objective 2:** Develop an advanced intercultural virtual coach with seamless integration of smart living technologies, advanced AI and tailored dialogue interaction
- **Objective 3:** Enable smart living support and tailored AHA interventions for physical, cognitive, emotional, and social wellbeing of older adults in real-life settings in Europe & Japan
- **Objective 4:** Propose and design practice-based ICT tools to empower older adults to experience ageing as a positive process and meaningful period of life
- **Objective 5:** Conduct a proof of concept study to assess user acceptance in real-life environments from different countries and cultural backgrounds (EU/JP)



how to manage  
interoperability in the context  
of a living laboratory?

# Two incredible tools !

## Fiware – Orion



- Context Broker
- NGSiv2 REST API
- (open source)

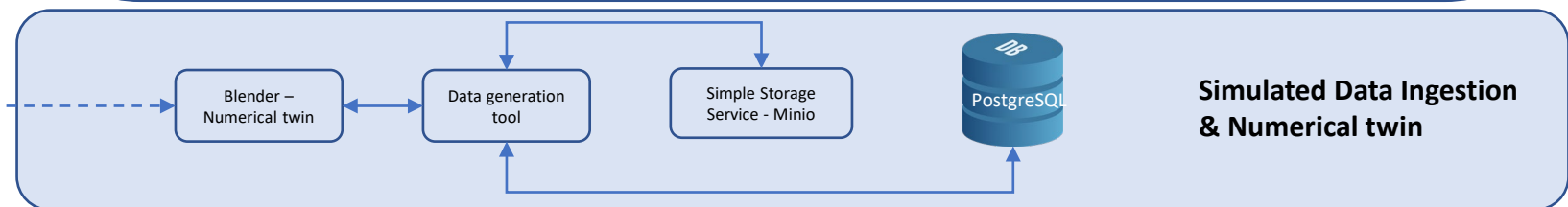
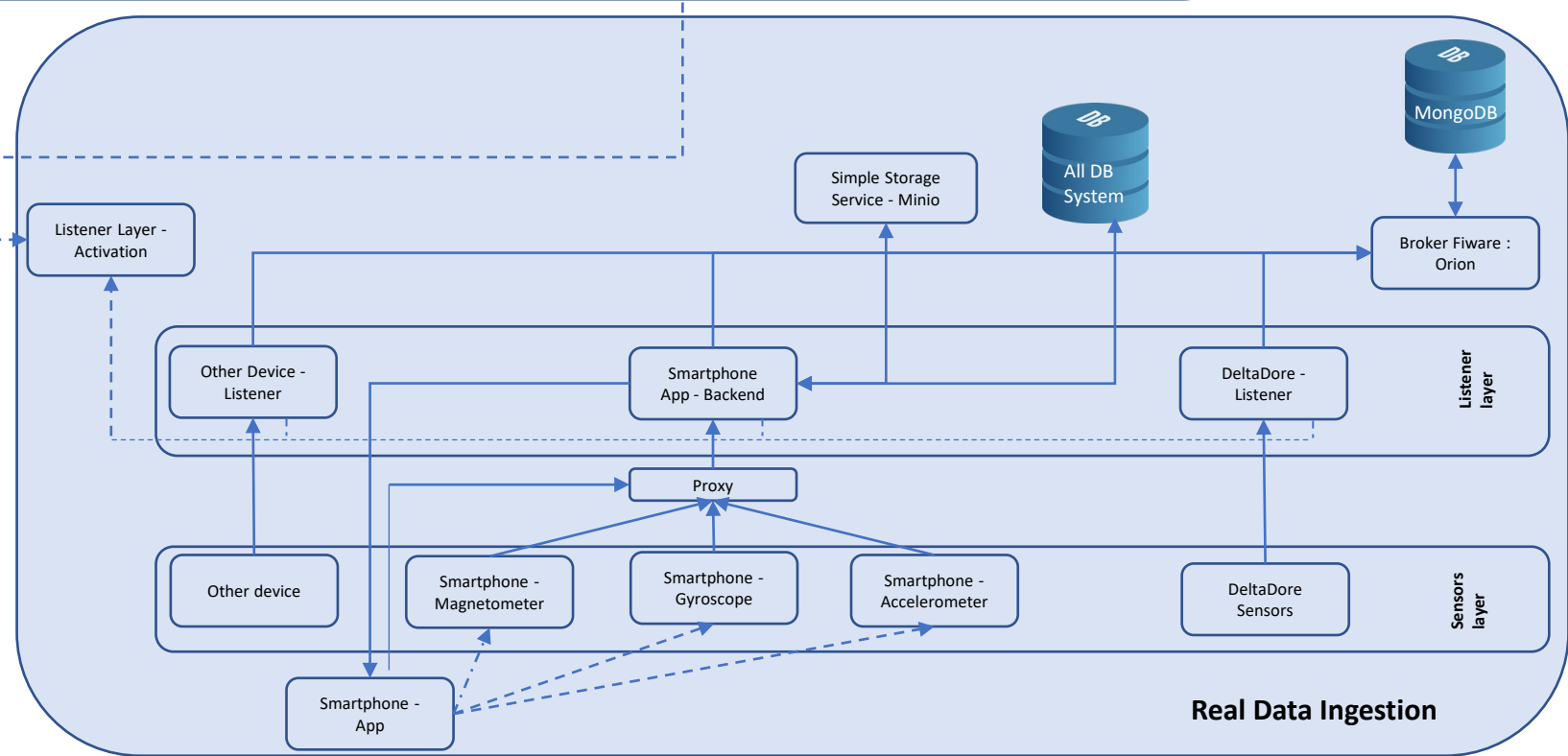
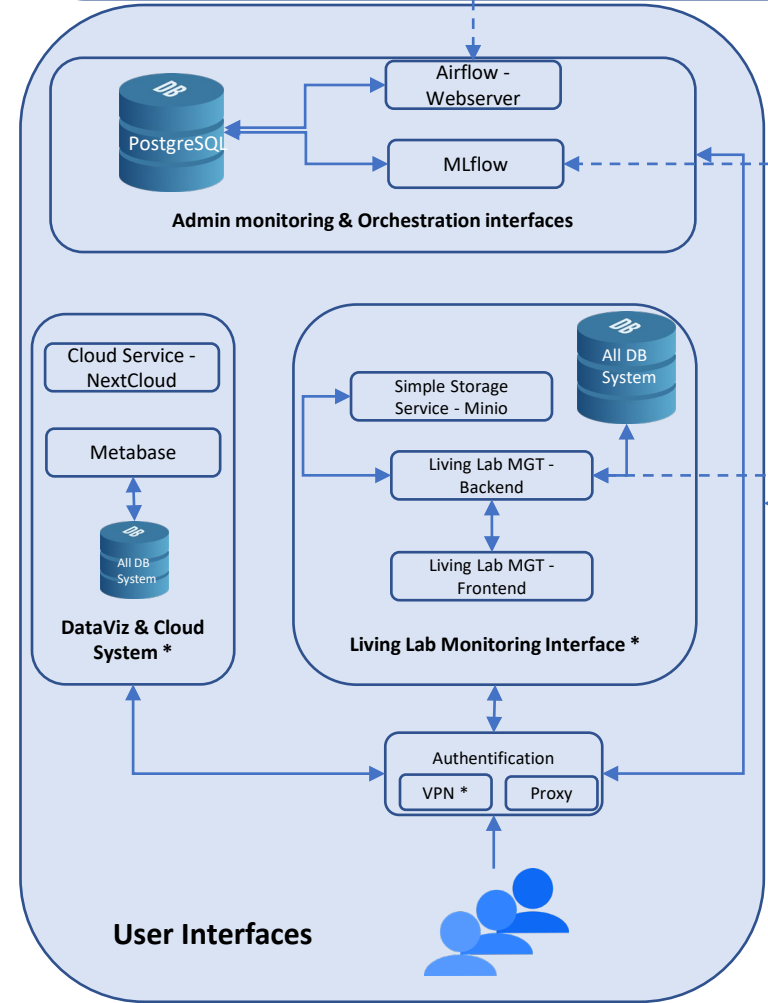
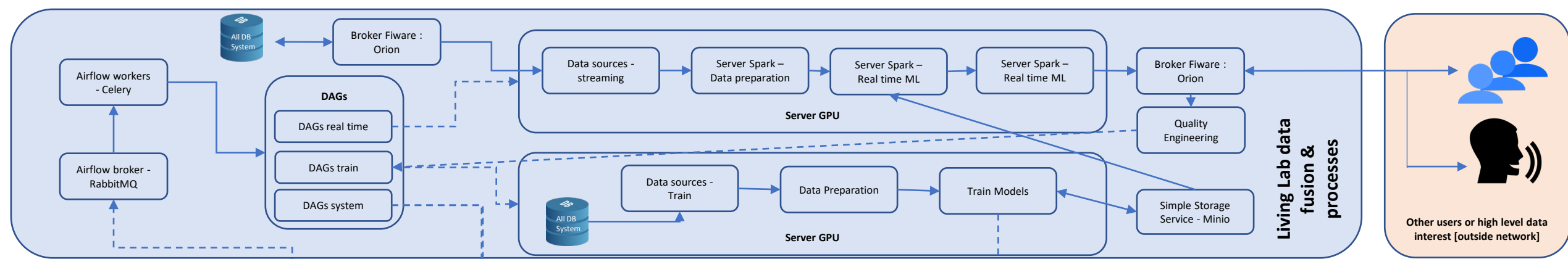
## Apache Airflow



- Flow management platform
- Orchestrator allowing parallelization
- Flexible implementation (DAG)
- (open source)



But how it works ?



Thanks for your attention !

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