



eHealth
week

11 - 13 MAY 2015
RIGA, LATVIA

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Ministry of Health
of the Republic of Latvia



EIP-AHA: ACTIONS TOWARDS GOVERNANCE OF INTEROPERABLE SPECIFICATIONS

European Innovation Partnership Track 5

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INTEROPERABILITY FROM THE RESEARCH PERSPECTIVE

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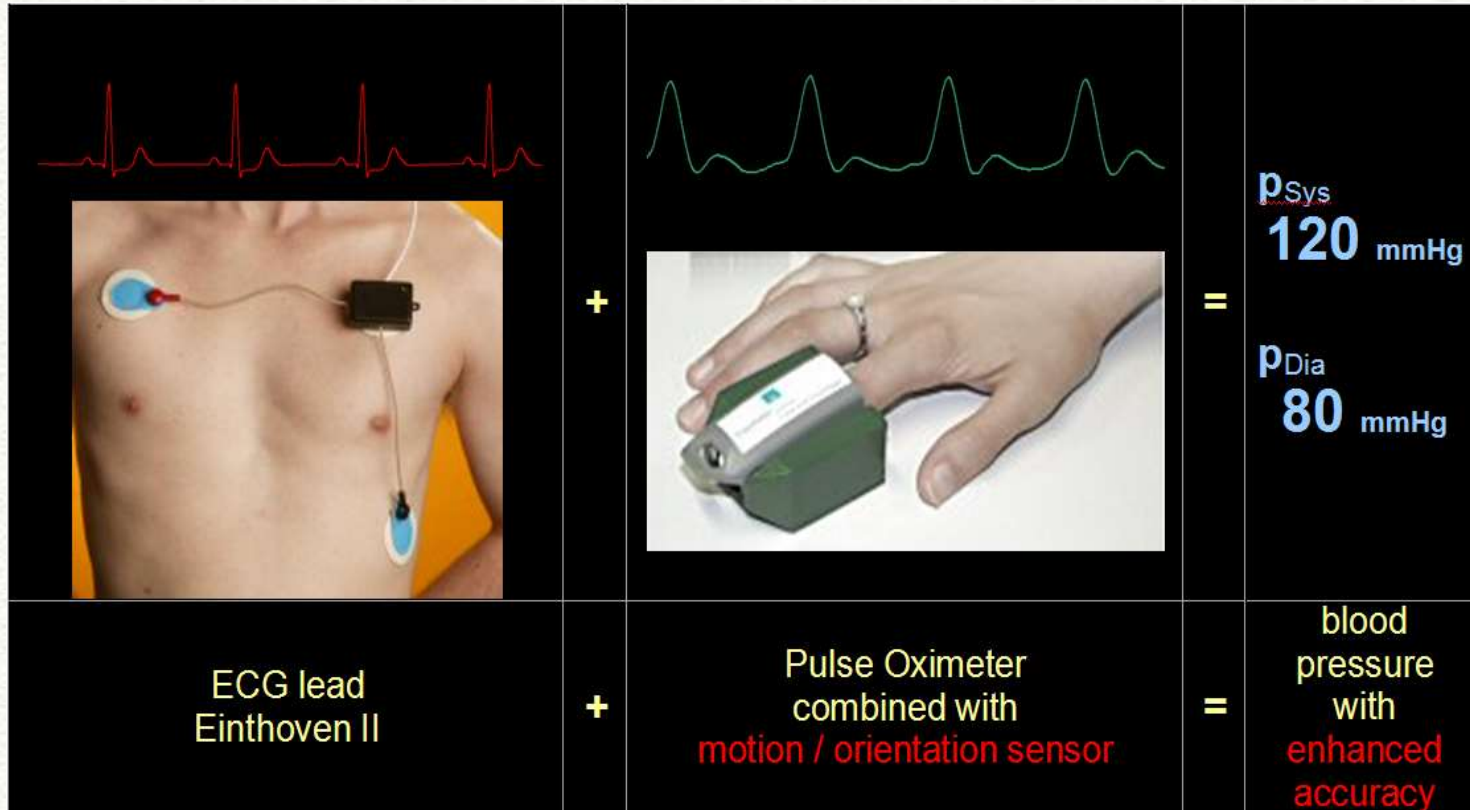
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Missing interoperability

Why we need service composition? Easier integration of new technologies



Source: Fraunhofer IIS: BPSSENS – Blood Pressure

1999 - 2003

EMBASSI



Electronic
Multimedia
Service
Assistance

2004 - 2006

DynAMITE



Dynamic
Adaptive
Multimodal IT
Ensembles

2007 - 2010

persona
PERSONA Space of Creating Independent Aging



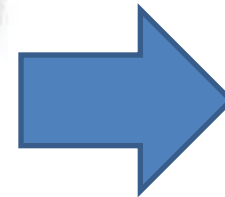
PERceptive
Spaces
prOmoting
iNdependent
Aging

2010 - 2014

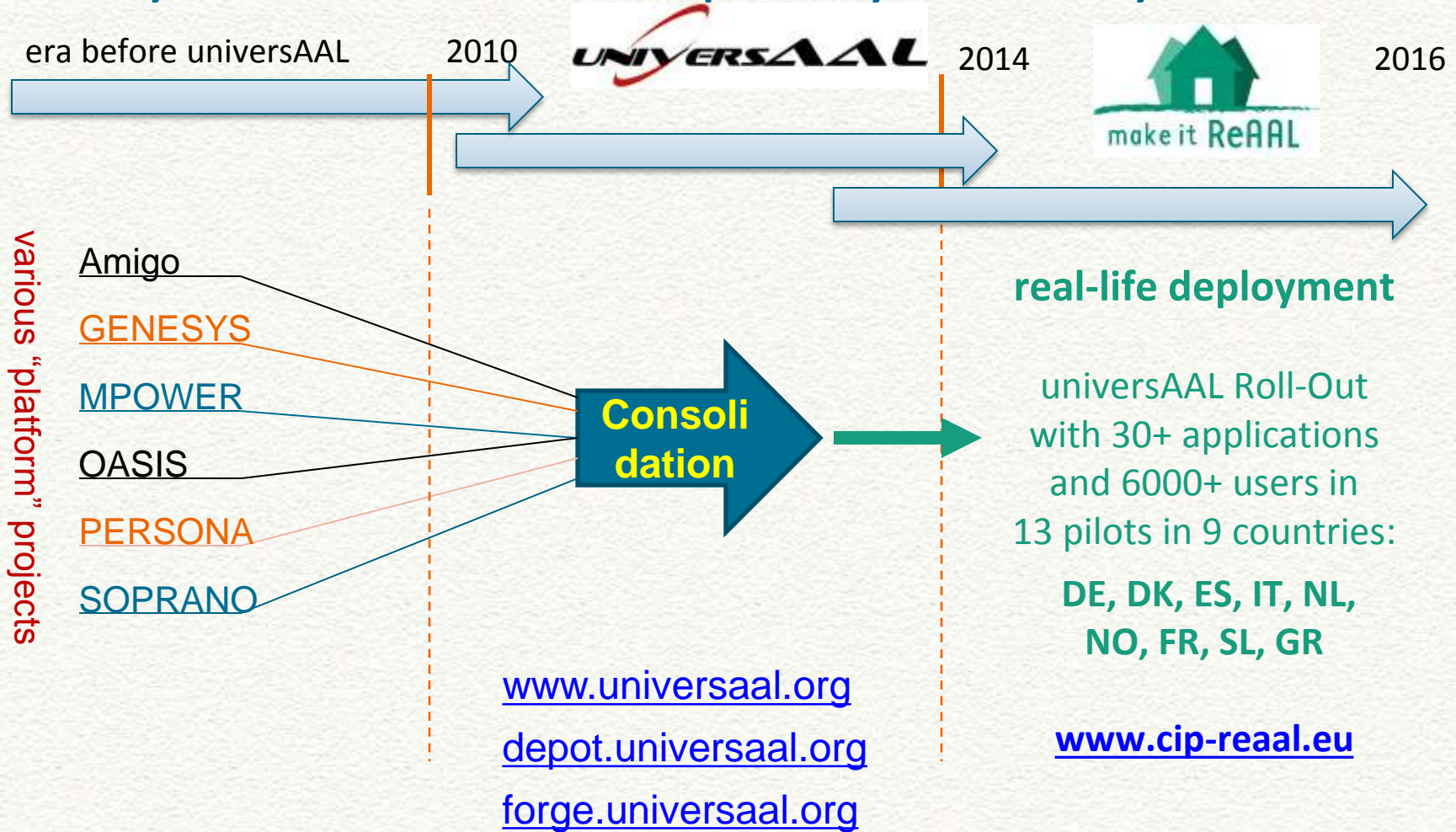
UNIVERSAAL



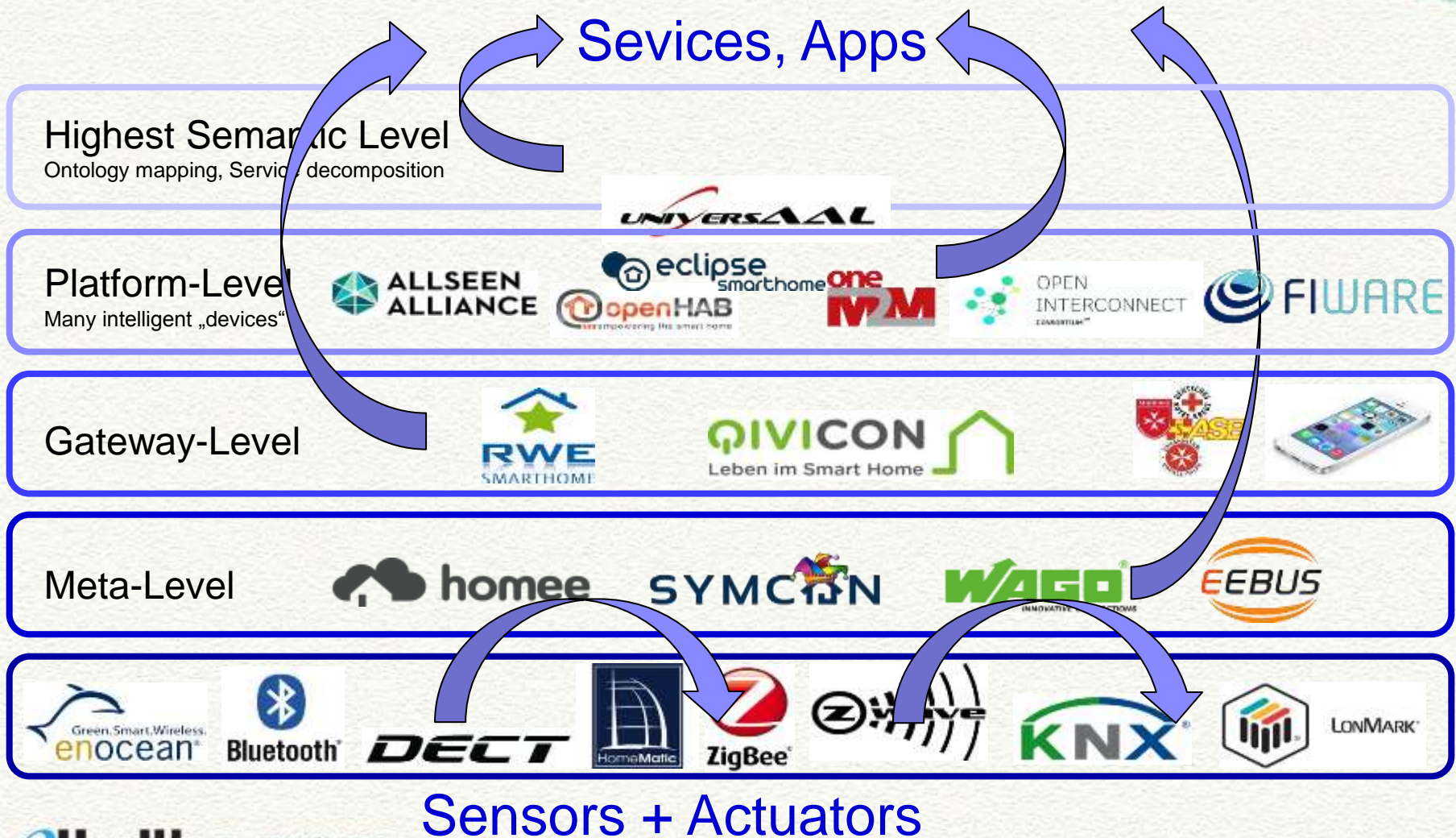
Universal open
platform and
reference
specification for
AAL



Journey to establish de facto Interoperability Standards by 2016



Which kind of installation is reasonable

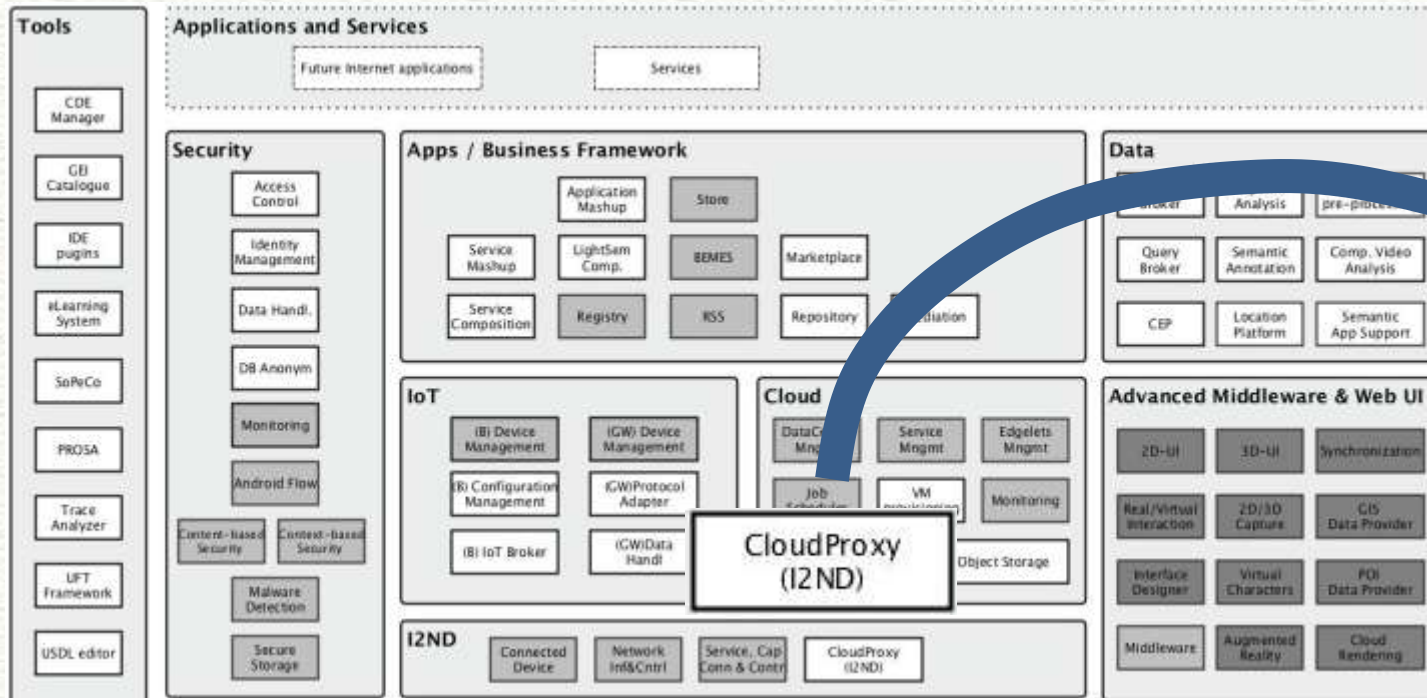


**The more famous a project is,
the stronger the competition**

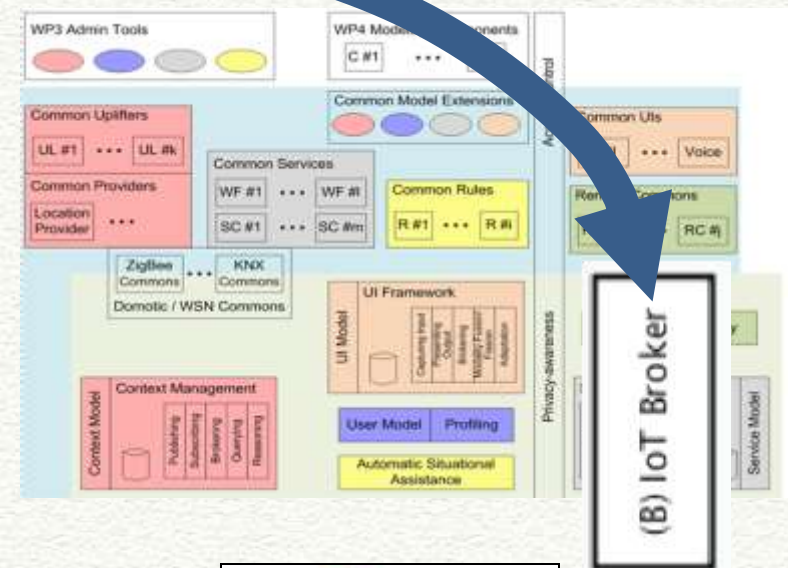


**How can we work together instead of
everybody is trying to be better than the other**

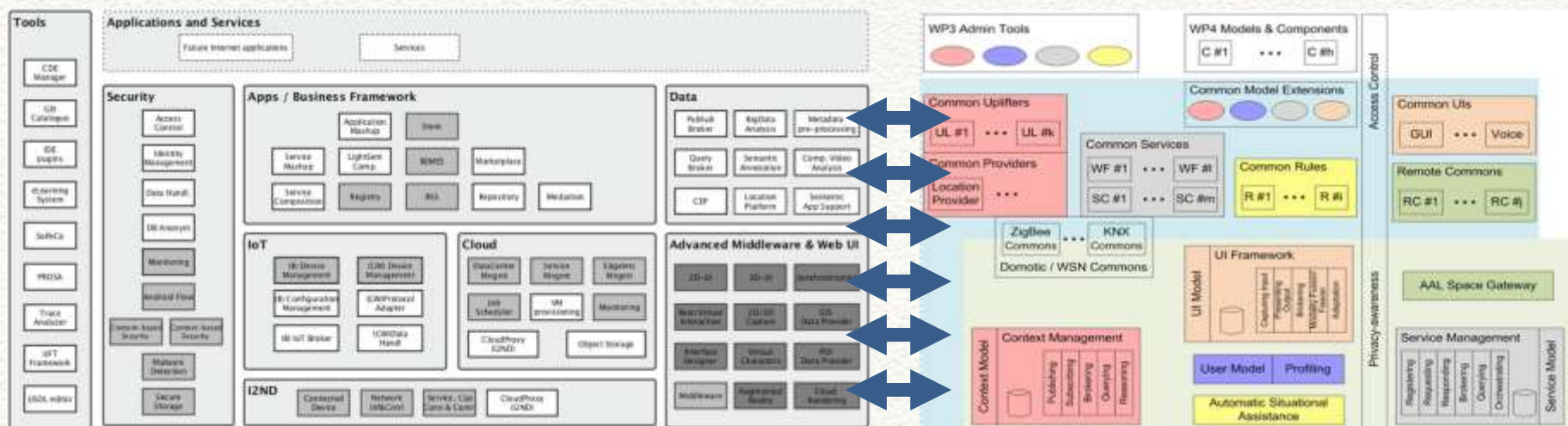
Add platform components to other platforms



Exchange platform components with other platforms



Interoperability between platforms



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(draft)

Terms of Reference of IEC-SyC AAL Technical Working Group

- Defining a reference terminology and its harmonization with other IEC TCs / SDOs
- **Enabling interoperability between all domains that impact AAL functionality e.g. IoT, AAL, Energy, Smart Homes (bridging of domains)**
- Definition of systems and their topology based on the AAL use cases and stakeholders
- Enabling interoperability of systems, services, devices and components which are based on open technical platforms and frameworks
- Investigating the feasibility of existing AAL reference architectures
- Describing the different architectural layers and how they interact with each other
- Describing the general AAL requirements of the AAL architecture and the AAL open platform
- Describe interaction of all sensors and actuators, devices and systems with AAL services in the cloud
- Address security and privacy issues for AAL devices and services in the to be defined architecture
- **Liaising with main open platform providers and relevant standard organizations to enable interoperability between open platforms and frameworks**



THANK YOU

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