

HORIZON 2020

HEALTH PARTNERING DAY 2017

HEALTH, DEMOGRAPHIC CHANGE & WELLBEING



7 DECEMBER 2017, BRUSSELS

Session 2: Health-related topics

DT-TDS-01-2019: Smart and healthy living at home

Smart and healthy living at home (and beyond)

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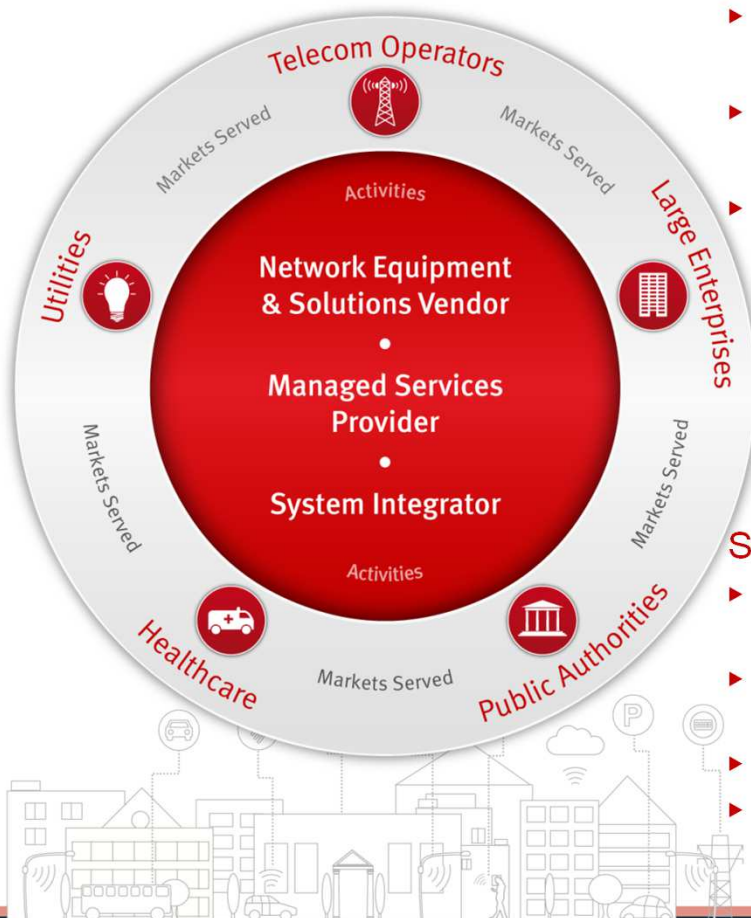
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A bit of background...



eHealth Products & Services Portfolio

- ▶ Exclusive global partnership with UKeMED Network providing **on-line learning and 2nd opinion services** to the healthcare community.
 - ▶ **PACS**: A cloud-based SaaS solution for managing and archiving medical imaging (Picture Archiving & Communication System).
 - ▶ **Teleconferencing** solutions for **remote healthcare provisioning** through on-line medical devices.
- Medical ICT infrastructure (automated nurse calling system, asset and people wireless tracking, bed side terminal and services)

Selected recent R&I projects

- ▶ **EMPOWER**: Applications and services for intelligent self-management of diabetic patients
- ▶ **CHIRON**: Person-centric approach for health management in home, mobile and clinical environments
- ▶ **PAMAP**: Physical activity monitoring of patients with cardiovascular disease
- ▶ **SymbloTe**: Symbiosis of smart objects across IoT environments [Coordinator]

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“...The pilots should build on **open platforms, standardized ontologies, APIs and results from IoT-based smart living environments, service robotics and smart wearable & portable systems** and clearly go beyond current state of the art in terms of scale, the capabilities for personalization, adaptation, and user acceptance...”

“...A mix of advanced ICT ranging from biophotonics to robotics, from artificial intelligence to big data and from IoT to smart wearables can address these challenges. A **platform for smart living at home** should **integrate** these technologies in an intelligent manner...”

“...The proposed pilots should also demonstrate **feasibility of integration with other relevant application domains** such as energy, transport, or smart cities, including interoperability, along with data security and integrity, and models for data sharing and valorization...”

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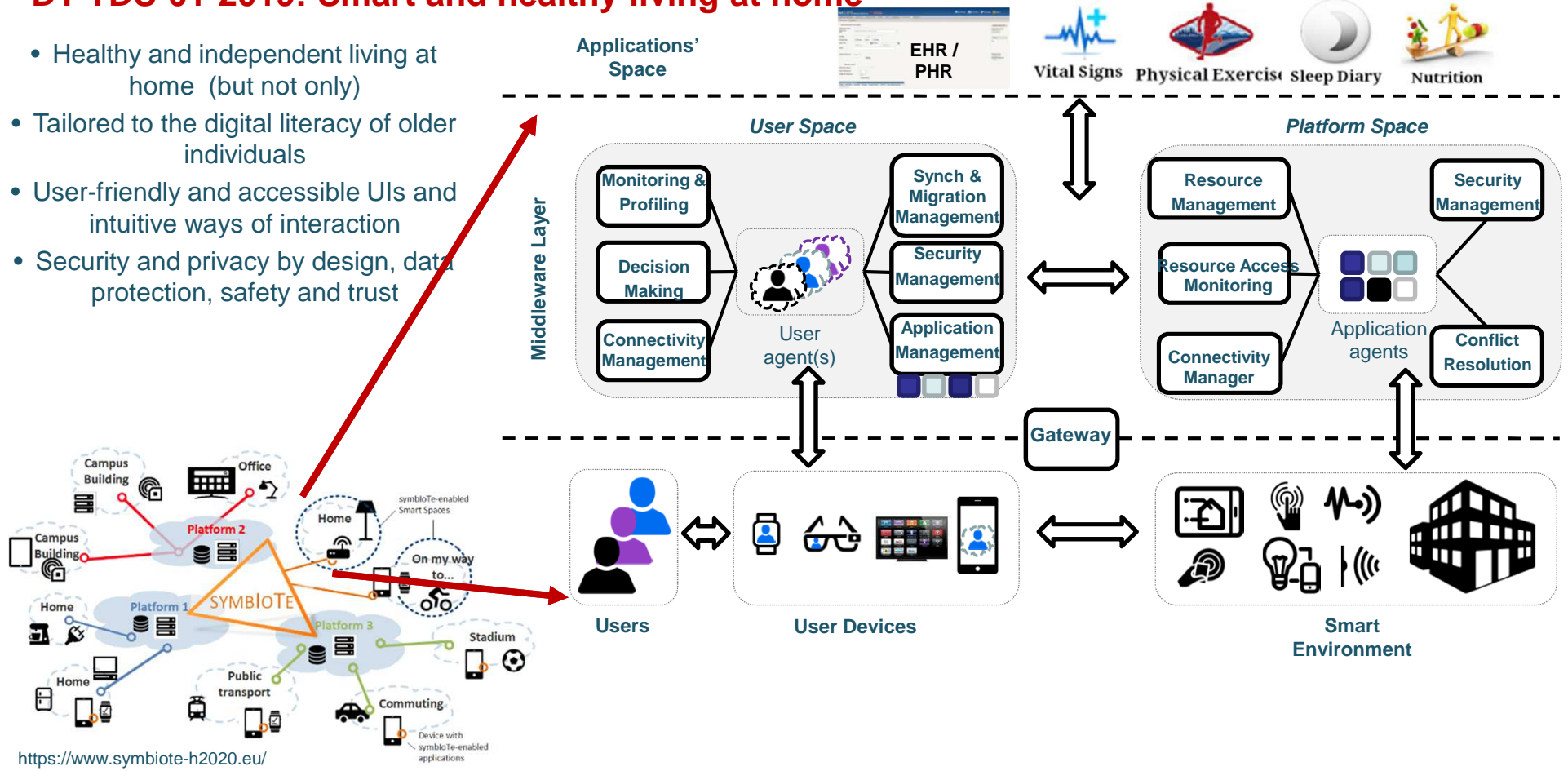
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DT-TDS-01-2019: Smart and healthy living at home

- Healthy and independent living at home (but not only)
- Tailored to the digital literacy of older individuals
- User-friendly and accessible UIs and intuitive ways of interaction
- Security and privacy by design, data protection, safety and trust



<https://www.symbiote-h2020.eu/>

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