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## FER Home Health Smart TV Integration in eHealth clients (FHTV)

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### TTP Problem

- Aging population
  - Series of analysis show that healthcare cost could **double** in EU member states by 2060 due to ageing population
- eHealth Action Plan 2012-2020
  - ICT solutions should be applied to health and healthcare systems to increase their efficiency, improve quality of life and unlock innovation in health markets
- Bringing ICT solutions closer to elder population
  - Access to medical data provided through patient portals is useful for some patients but still requires technical knowledge
  - It is necessary to address barriers to technology adoption and consequently develop well-designed system that can be used even if the end user is technically illiterate or with reduced abilities

[1] EC, „eHealth Action Plan 2012-2020 - Innovative healthcare for the 21st century”, 2012,  
 [2] EC, Economic Policy Committee, „2012 Ageing Report: Economic and budgetary projections for the 27 EU Member States (2010-2060)”,  
 [3] BCC Research, „Global Markets for Telemedicine Technologies”, October 2013,  
 [4] EC, „GREEN PAPER on mobile Health (“mHealth”)”, 10.0.2014.,

[5] Pew Internet and American Life Project, 2013,  
 [6] CareWell project, EC ICT PSP of the Competitiveness and Innovation Framework Programme (CIP), [www.carewell-project.eu](http://www.carewell-project.eu)  
 [7] Kovač, Mario, “E-Health Demystified: An E-Government Showcase”, IEEE Computer, 2014 (2014), 10; 34-42

### TTP Solution

- **FER Home Health Smart TV** is integrated solution for easier access to medical data for elders through Internet connected TV based platforms
  - Elderly citizens are significantly more acceptable to view and control their health related information using TV then using high tech, novel small screen mobile devices that are too complex and/or too small for most of them to use
  - System is functional and used in the pilot operational system with real patients and real data in scope of FP7 project **CAREWELL - Multi-level integration for patients with complex needs**
- **MCS Grupa** is the **leading provider** of the client eHealth application in Croatia
  - Valuable experience in piloting innovative healthcare projects at national-level in real-world conditions
  - Thousands of commercial users
  - New end-user penetration and business results will be higher and benefits to both patients and health care system will be significant, new products will be introduced and new markets will be addressed



### TTP Impact

- Integration of the FER Home Health Smart TV solution IP into existing application enables introduction of **new services** such as **prescription reorder, drugs/consultation reminders, measurements monitoring, communication with GP/nurse...**
  - **Empowering elder patients**
  - Potential of negotiating the contact with **national health insurance agency** and other international customers
- Impact for both FER and MCS Grupa would come from EU wide IP licensing/service revenues.

### TTP Facts

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