

Applied ICT Research in eHealth



Your Connection to ICT Research

www.cetic.be

CETIC, the Belgian applied R&D center, provides IT support to industries, enabling them to adopt advanced technologies, innovate faster, save time and money, and meet new needs, so as to strengthen the EU competitiveness and leadership.

CETIC is involved in the following projects:

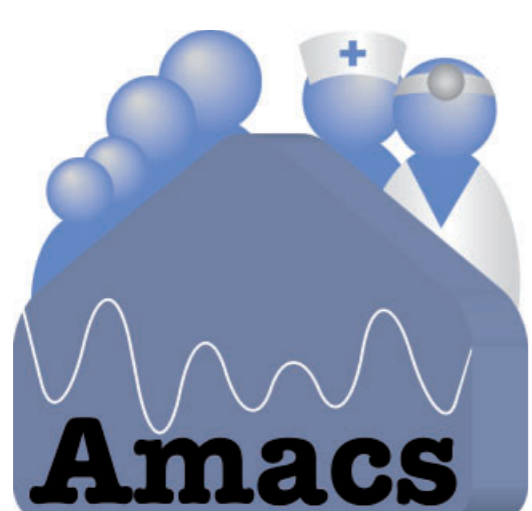
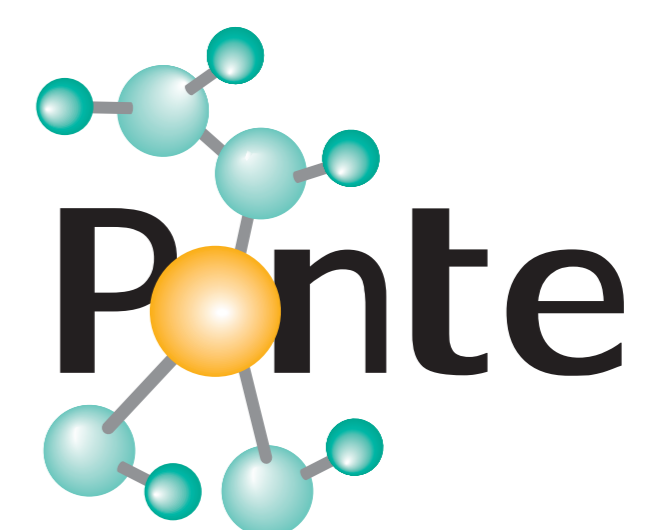
eHealth for Citizens is a regional project aimed at designing and implementing a technological service-oriented platform capable of devising and supporting innovative and customised eHealth services, such as patient monitoring. The project targets several health care issues, among them diabetes and epilepsy. CETIC is in charge of coordinating the project and the research items related to service composition and security, and to the design of the communications protocol.

**eHealth
for Citizens**



The **SPES** European project transfers the approach and results achieved in the implementation of the older FP6 OLDES European project (www.oldes.eu) to support patients from four European locations through e-service solutions specially tailored to manage respiratory problems, dementia, disabilities and social exclusion. CETIC leads the technical development of the project.

The **PONTE** FP7 European project is aimed at providing a platform with a Service Oriented Architecture (SOA) and a semantic approach that will provide automatic intelligent identification of patients eligible to participate in well specified clinical trials for drug repositioning, with a specific focus on mitigating patient safety risks, reducing the cost of clinical trials and improving their efficacy.



The European ERA-SME **AMACS** project develops and evaluates, in a real-life situation, an ICT-based system that can automatically monitor the activities of daily living (ADLs) (sleeping, cooking, bathing, dressing, etc.) of the elderly living alone at home. Specifically, the project targets the detection of incidents (like falls) and changes in the behaviour of individuals who suffer from cognitive decline or dementia.

The **DAPCARE** project develops a software solution for collecting, archiving and optimising dosimetry data through a Patient Dosimetry eBook, which can be shared among health care facilities to monitor patients.

DAPCARE