



International Support of a Common Awareness and
Knowledge Platform for Studying and
Enabling Independent Living

Summary

The CAPSIL Coordinating Support Action (CSA) team is a strategic international coalition of University and Industrial partners that already have extensive teams developing hardware/software/knowledge solutions to independent living based on user requirements. All partners of CAPSIL are already members of regional and national centres on aging engaged in the process of helping to establish public policy and international standards. This support action is to launch initiatives, coordinated and disseminated by a series of workshops in the US, EU, and Japan (two per year for two years), with three fundamental goals:

- * to develop a detailed CAPSIL Roadmap for EU research to achieve effective and sustainable solutions to independent living based on an in-depth analysis of independent living requirements and the ICT scenarios developed or under development in the EU, as well as the US and Japan (societies where the aging of the population are currently on par or exceeding the challenges that will be found within the EU).

- * to support aging research by proposing procedures to incorporate all of these diverse solutions into Wiki entries (CAPSIL Wiki). These CAPSILs will enable researchers and the ICT industry to get the information they need to quickly and easily test solutions for prolonging independent living within the many and various heterogeneous communities. Only with this knowledge will the relevance and efficacy of technological solutions be maintained and be empowered with the capability to be adapted for various cultures.

- * to use the CAPSIL Roadmap and the CAPSIL Workshops to help policy makers in the US and Japan coordinate research agendas and funding efforts across the three continents.

We began the process of developing the Wiki by creating an internal Twiki, viewable by CAPSIL members only to pool information and help our baseline analysis of the state-of-the-art. This was divided by workpackage and was crucial in the development of the structure, format and themes for the public Wiki.

At this interim stage of this Work Package the CAPSIL website is up and running, with an RSS feed and rolling news section featuring items of interest to those in the ageing and technology fields.

The CAPSIL Wiki is viewable by the public with 17 initial CAPSILs under development along with a day-in-the-life 'visioning' scenario of an older adult (Toms Story) in the year 2020.

CAPSIL workshops have been held in London, Tokyo and Lyon at which our work has been presented to a variety of guests from industry, academia and government.

We have identified workshops and conferences that could be further the aims of CAPSIL and feature these in a dedicated section on the Wiki, along with journals and publications of interest to those in the field.

CAPSIL representatives have also taken part in numerous ageing related workshops and conferences in order to promote the CAPSIL Wiki and contribute to the dissemination of knowledge.

Project Objectives for Period

CAPSIL Website and Coordinated Wiki:

To set up the CAPSIL website with information about the project and links to related organisations.

To establish the state-of-the-art and identify key projects and research.

To build links within the wider gerontechnology community and begin publicising CAPSIL.

To set up an internal TWiki for sharing information and prototyping CAPSILs.

To develop a template for CAPSILs, broken down by key issues, research and commercial interests.

To identify topics/titles of interest for CAPSILs.

To integrate information gathered so far into initial CAPSILs and publish them on a public-facing Wiki.

To begin promotion of the CAPSIL Wiki and encourage external contribution and feedback.

Work Progress and Achievements during the Period

The CAPSIL website is up and running with an overview of the project, links to the partners and public Wiki, news sections detailing information and events relevant to CAPSIL and ICT projects in the EU. Viewers can subscribe to the CAPSIL RSS feed, which will notify them of updates to the site, along with a rolling news feed of information of interest to those working in the field of gerontechnology and independent living.

The initial months of the project were spent developing and agreeing on a format and structure for the CAPSIL Wiki and identifying topics for the initial 'CAPSILs'. A 'private' test Wiki (Twiki) was set up to pool the knowledge of the project partners, prototype CAPSILs and to help define the field. It was decided to use this private Wiki for the initial stages of the project in order to keep the public-facing Wiki as accurate, straightforward and consistent as possible.

Once agreement was reached on the format and technology to be used, research into and development of 8 initial CAPSILs was begun: Congestive Heart Failure, Falls Prevention, Weight Management, Robotics, Cognitive Training, Social Connectedness, Standards and Sensors.

These CAPSILs are now online as part of the Wiki along with draft CAPSILs for: Activity Monitoring, Driving Assistance, User Centred Design, Algorhythms, Privacy and Security, Ethics, Standards, Digital Health Records, Connectivity.

Also included on the public Wiki are pages detailing international conferences and workshops as well as international initiatives and funding bodies.

The Wiki went public shortly before the end of 2008 with 17 active CAPSILs and effort now needs to be focused on promoting the Wiki through links from related organizations and soliciting external contributions.

At the CAPSIL workshops in London, Tokyo and Lyon the concept and work of CAPSIL was presented to a range of guests drawn from academia, industry and government. These guests were invited to present their own work also and to contribute to the CAPSIL Wiki.

The work of CAPSIL was also presented at the ICT08 conference at the ['Health@Home'](#) panel session.

Representatives from CAPSIL have attended a number of workshops and conferences in order to publicise the work of CAPSIL and encourage contributions from other organizations. These meetings include: BMA-NI Ageing Strategy Policy Workshop (Belfast, UK, April 08), ICT-08 (Lyon, France, November 08), 7th World Congress on Ageing and Physical Activity (Tsukuba, Japan, July 08), Connected Health Symposium (Boston, U.S.A., October 08), Netwell Centre Aware Homes/Aware Care SME Research Briefing (Dundalk, Ireland, November 08), SPARC/CARDI Disability & Ageing showcase (Dublin, Ireland, December 08).