



# The Socially Amplified Home

Social networks integrating domestic ubiquitous services

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- Expertise
  - Social gerontology, inclusive and participative methodologies
  - HCI, online communities, mobile and ubiquitous technologies, semantic technologies
  - Management and participation in national and EU projects

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# The Socially Amplified Home

- Objectives:
  - Amplifying available social networks to enable independent living at home
  - Supporting quality of life: participation, inclusion and avoidance of isolation
- Approach:
  - Participative methodology based on theory of re-engagement
  - Inclusive communications technology to enhance and sustain important relationships
  - Infrastructure for supporting social networks
  - Creating tailored domestic and ubiquitous services
  - Using trusted community including geographically dispersed, extended family

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## Project Philosophy

- New communications technologies have great potential for rich interactions to maintain and sustain relationships
- Full inclusion requires that the technology be affordable, simple, useful, usable, accessible, and acceptable
- Solution combines social and technical components
  - Distribute management of complex interactions within trusted community
  - Software architecture to support end-user configuration

## Social Aspects

- Centred on the older person
- Drawing on personal communities of support
  - Extended family, close friends and carers
  - Communities of interest
- Proximate and geographically dispersed
- Provides engagement, mutual support sharing of common interests
- Enables contact with other support services (e.g. security, health)
- User specified levels of privacy and sharing
- Shared management of complex interactions within trusted community

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## Technological aspects

- Developing tools for configurable shared information spaces
- Developing software architecture based on Direct Combination principle to achieve seamless integration of domestic and communication technologies
- Integration with existing and emerging mobile and ubiquitous technologies and standards
- Implementation and testing for participating groups
- Building on our research in cooperative, semantic web, communication and mobile technologies

## Partners Sought

- User groups
- Complementary Technologies
- Technologies that require systematic individual end-user tailoring or configuration
  
- For STREP
- (Alternatively contribution to STREP or IP)

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