

Ambient assisted living for the ageing society

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About BT

- BT Group is one of Europe's leading providers of telecommunications services. Its principal activities include local, national and international telecommunications services, higher-value broadband and internet products and services, and IT solutions.
- **BT's Telecare/Telemedicine track record**
 - 1993 Telemedicine Research
 - Remote Video consultation/training: 3D surgery, foetal scanning, Teledermatology, TeleDentistry
 - Virtual Outreach Clinic
 - SmartSensor healthcard
 - 1996 Partnership with The Anchor Trust
 - 1998/9 23 home Telecare Trial
 - 2000 Millennium Homes Project
 - 2004 Partnership with Liverpool City Council
 - 2005
 - DTI Centre for Care in the Community
 - 20 home Telecare trial
 - ETSI Specialist Task Force 264: Telecare in and outside Intelligent Homes - issues and recommendations for end user aspects (e-Health)



Areas of interest within the 6th Call

- Through the use of pervasive ICT devices improve access to social and other services.
- Using multimedia services facilitate social contacts with geographically dispersed family members and other members of the elderly community.
 - Social health is a major contributing factor to a person's well-being.
 - Can a change in the amount of social interaction via these services indicate a change in well-being?
- The provision of context based information and entertainment and the sharing of that infotainment with other member of the elderly community.
- Innovative solutions that will provide a step change in activity and health monitoring.



Future opportunities and capabilities

- The roll out of all ways on, very high speed IP based networks to the home may allow rich multimedia experiences tailored for specific segments of the community and ultimately the individual.
 - Searching for or discovering the desired infotainment should be an intuitive process.
 - Information should be clearly portrayed and need little or no interpretation.
 - Assisted multi-modal communication capability to allow the seamless use of the information delivered.
 - The infotainment content must be appropriate or adapted for a wide range of ICT devices.



The way forward

- Probably a STREP.
- Develop and agree a broad project outline and build consortium of contributing partners.
 - Social and other service providers.
 - Trial.
 - Content providers.
 - ICT device developers and manufacturers.
 - Social or mental health expertise.
- For further discussion please contact

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