GOALS AND POLICIES FOR TELECARE

Building a policy library for the MATCH telecare system

The Home Care Lab

 Work began on a physical installation of the MATCH system at the Home Care Lab in June – this is where the goals and policies library will be tested



ACCENT, MATCH and Telecare

- ACCENT supports management of a system through goals and policies
- Web-based Policy Wizard used to define goals and policies
- · Database maintains user credentials
- Tuple Store maintains policies in xml form
- Policy System processes input from sensors, and performs actions using actuators, according to policies
- Originally developed for internet telephony, ACCENT has now been adapted for telecare
- MATCH project involves using home automation and communications technology to help people in their own homes



Adapted from Technical Report CSM-188, K. J. Turner, p.5

User Requirements

· What are telecare systems trying to achieve?

- · Helping people to remain independent in their own homes
- Largest user group older people in various different circumstances, e.g. living alone or with a family member, in their own home or a care home, in full health or in recovery from a stay in hospital
- Users also include people who are involved with caring family members, wardens, care workers, medical workers, and others

Ethical considerations

- Most important issue "informed consent"
- Residents should not have monitoring of their lives forced upon them, nor should the control of their living environment be out of their hands







Summary

- The MATCH system will provide users with a library of policies and goals which they can instantiate for their own individual installation
- The current system of goals and policies is being significantly extended to make the system more immediately useable
- MATCH makes use of a service-oriented framework and can be easily extended – Cerevoice TTS and voice recording support for example
- The service-oriented framework is being extended to support output of synthesised speech and recorded messages