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*Ubiquitous Care System to
Support Independent Living*

FP7 ICT-Contract No.214986

FP7 Priority: ICT

“Information &
Communication
Technologies”

ICT Challenge7:
Independent living
and inclusion
Objective:2007.7.1-
ICT and Ageing



CONFIDENCE: INNOVATIVE CARE SYSTEM

Confidence will work **indoors** and **outdoors** and will detect:

- Abnormal situations
 - Raising an alarm
- Changes in the user's behaviour
 - Issuing a warning

Confidence aims to **increase elderly peoples' quality of life and security** both indoor and outdoor:

- Prolonging their personal autonomy and participation in society
- Benefiting elderly, their family and caregivers

FEATURES OF THE SYSTEM

- **Reliable**
 - Low false alarm rates
- **Non intrusive**
- The system will **adapt itself to the user**
 - Learn the user behaviour
- **Small and low cost changes** in the user's home
- **Easy to setup and to use**
 - No limit to the user's daily activity
- **Customized alarm protocol**
- Portable
 - Operates both **outdoors** and **indoors**

TARGET GROUP

The target group of CONFIDENCE:

- **Elderly over 65 years**
- Cared or not by some kind of home assistance provided by Public Administration
- Mobility independent and with no particular difficulty with activities of daily living
- With fear of falls
- At risk of social exclusion

TECHNICAL APPROACH

The result of this **multidisciplinary research** will be a working **prototype**

The **end-users** will be **involved in the RTD activities**:

- Co-defining the specifications
- Monitoring the project
- Testing the prototype

The involvement of users in an early stage of the project

- Will contribute to meet their requirements
- Will increase the acceptability of the final system

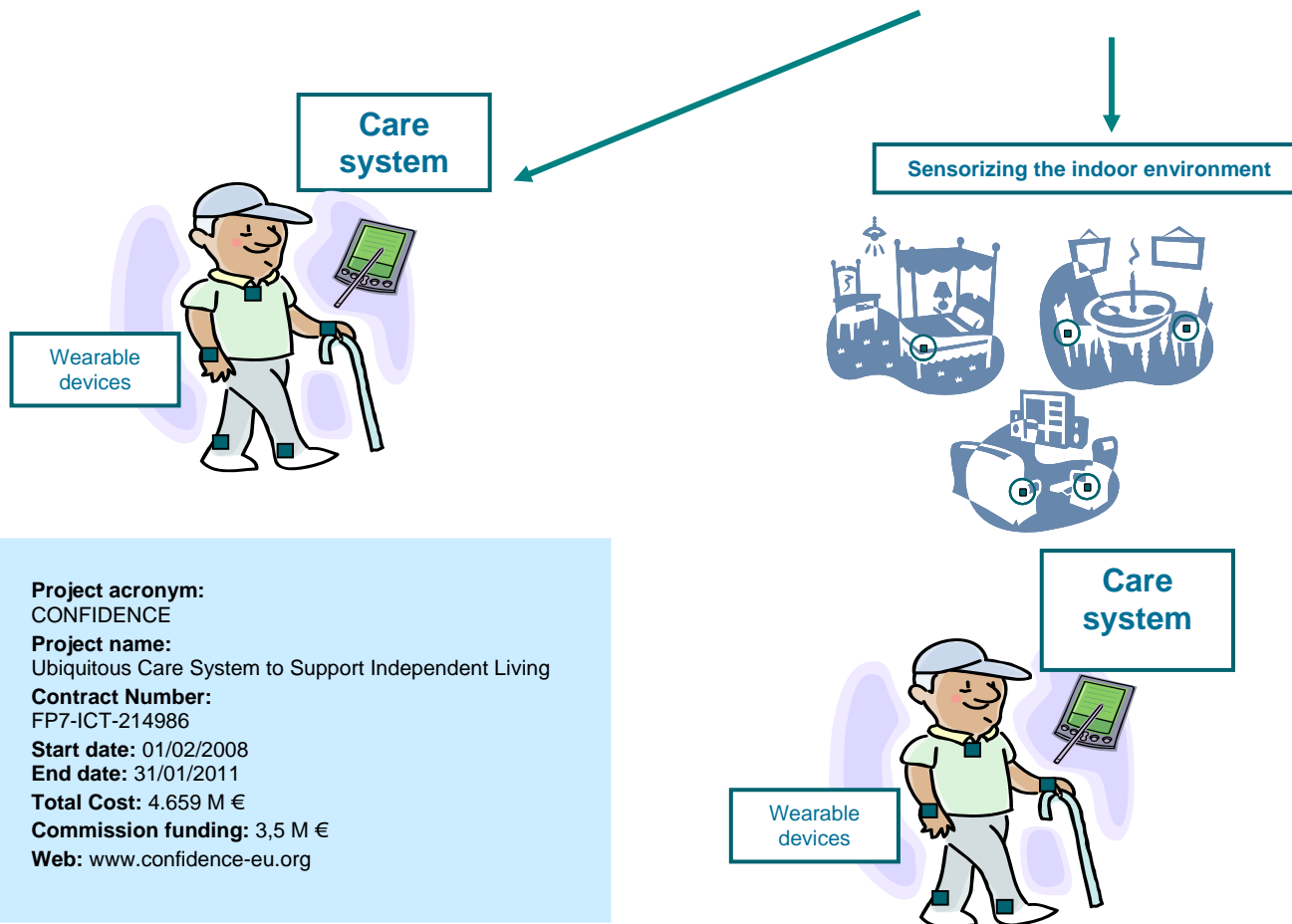
IMPACT

Cost effective, non-intrusive and reliable system that will:

- Decrease the burden on families and caregivers
- Decrease the need of institutionalisation of the elderly
- Decrease the negative consequences of the accident (worsening of injuries, psychological impact of being alone and injured, etc...)

The elderly will **gain confidence and independence**

- Increasing the quality of life and security of the elderly
- Prolonging their personal autonomy and participation in society



- **Project acronym:** CONFIDENCE
- **Project name:** Ubiquitous Care System to Support Independent Living
- **Contract Number:** FP7-ICT-214986
- **Start date:** 01/02/2008
End date: 31/01/2011
- **Total Cost:** 4.659 M €
- **Commission funding:** 3,5 M €
- **Web:** www.confidence-eu.org