



IST-2006-045563

ENABLE

A wearable system supporting services to *enable* elderly people to live well, independently and at ease

Specific Targeted Research or Innovation Project IST

Publishable Short Summary of
D10.3 - Integrated Prototype 2
&
D10.2 - Implementation of Services

Due date of deliverable: PrM36
Actual submission date: 29/01/2010

Start date of project: 01/01/2007

Duration: 42 months

Name of primary organisation(s) authoring this document: Enable Consortium

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Dissemination Level: PU

PU	Public	PU
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

1 Introduction

This document is a short extract of project reports D10.2 and D10.3 in order to provide a publishable summary of the hardware / software items and of the services developed with the ENABLE project that constitute the integrated final prototype.

This final prototype will enter the verification stage in first half of 2010 and will be evaluated in 5 European countries.

2 Overview on ENABLE Integrated Prototype

An overview of final prototype is presented in Figure 1. It is a system consisting of:

- a Service Centre (SC);
- a Mobile Phone (MP);
- a Wrist Unit (WU).

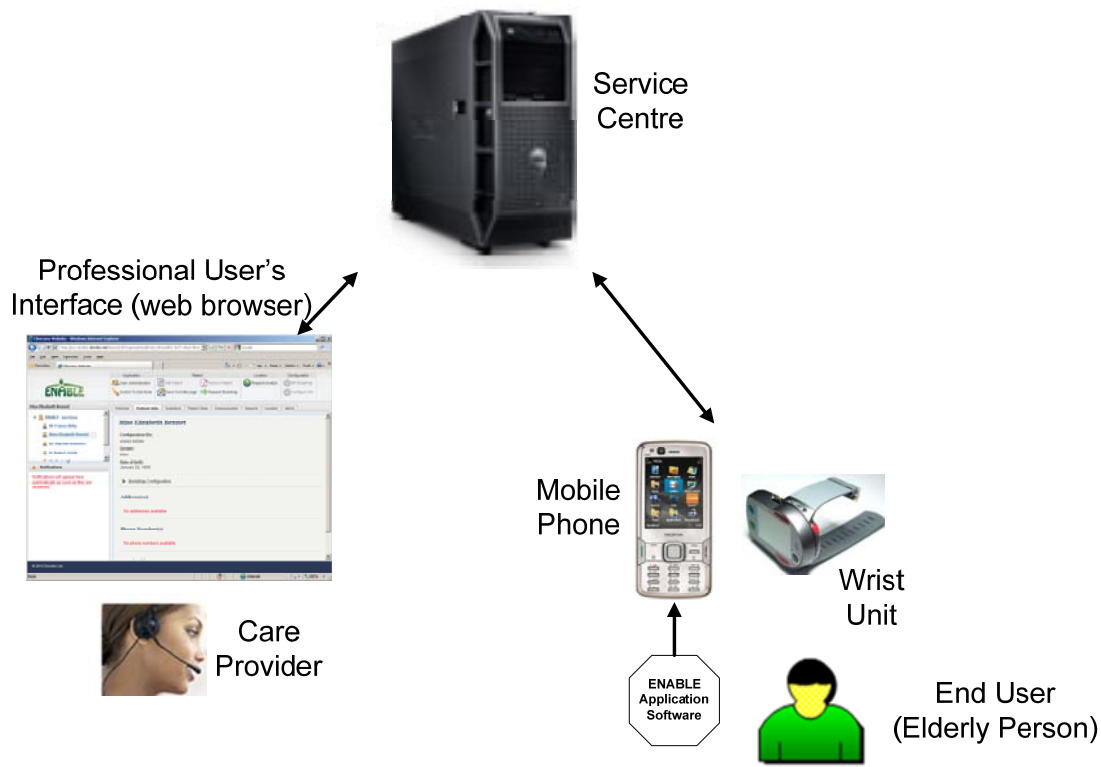


Figure 1 - Overview of ENABLE Platform Prototype

The specific components within this overview that have been developed within the ENABLE project are as follows:

- a) The Service Centre software including the business layer components, the database schema and the web based user interface layer.
- b) The ENABLE application software for the Mobile Phone.
- c) The electronic and mechanical hardware for the Wrist Unit.
- d) The software for the Wrist Unit, consisting of the specific configuration of the operating system and the application software for the main processor and the firmware for a low-power micro-controller associated with sensors.

3 Overview on ENABLE Services

The services provided by the prototype system are listed below

- a) Telephony Service
- b) Call for Help Alarm Service
- c) Falls Detection and Falls Prevention Services
- d) Location Service
- e) Environmental Control
- f) Diary Service
- g) Vital Signs, Lifestyle and Symptom Monitoring Services

4 Evaluation

Evaluation results are scheduled to be available mid 2010. Interested parties are invited to contact the ENABLE consortium.

5 Contact

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