



*eHealth and Health Policies:
Synergies for better Health
in a Europe of Regions*

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Innovative Services for Mobile Health Care



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Presentation Outline

- HealthService24 - the Objectives
- The Market Request
- Expected Benefits & Economic Potential

Mobile Health Care – Towards commercialization of research results

HealthService24 project (eTEN-C517352)
is based on the concept of **MobiHealth**

MobiHealth - an existing prototype

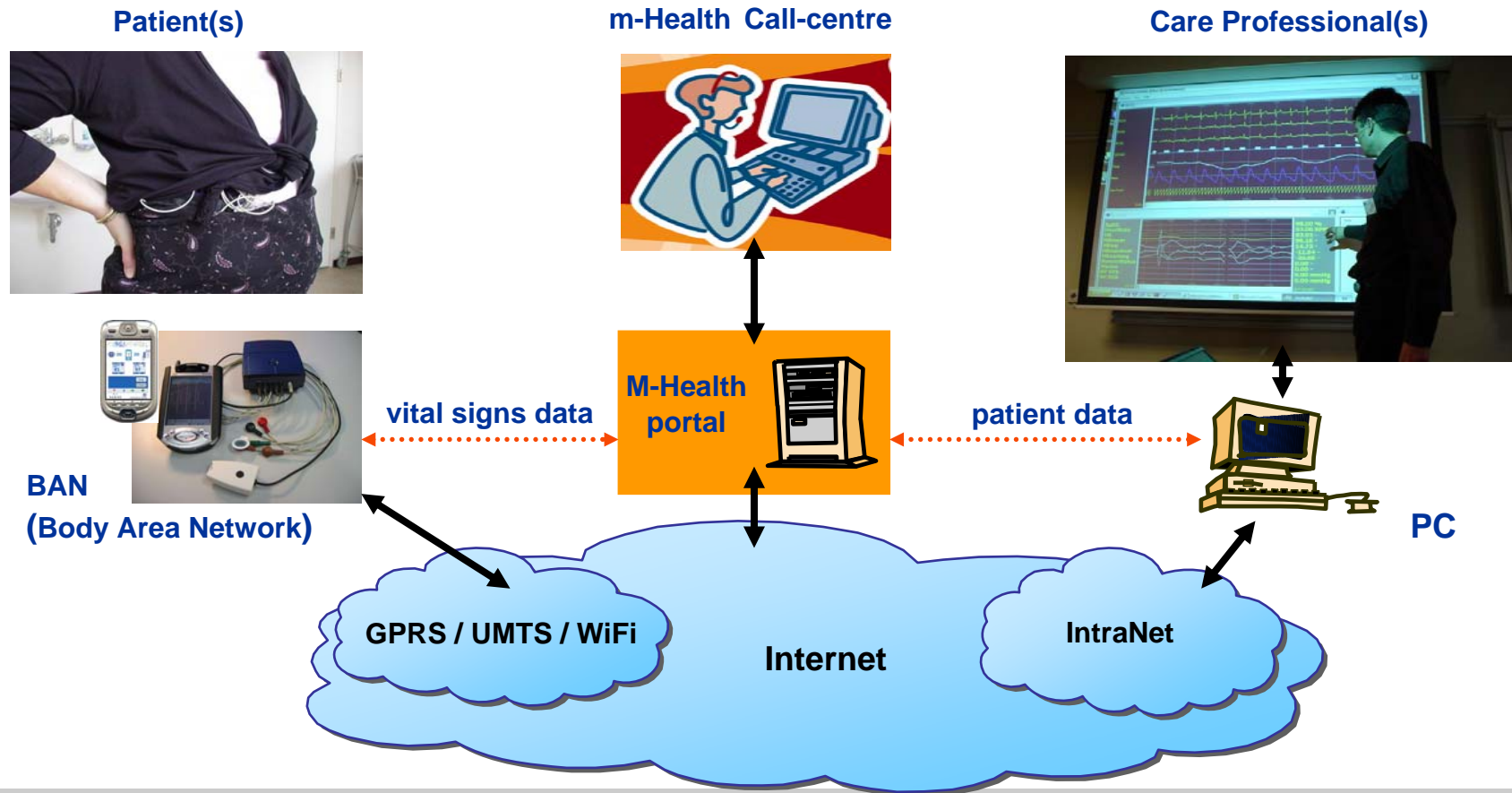
- A technically validated and fully functioning mobile platform and solution for ambulant patient monitoring over public wireless networks developed within the **MobiHealth** project financed by the European Union under the IST program (IST-2001-36006)



MobiHealth – HealthService24

MobiHealth

ambulatory vital signs monitoring system



MobiHealth – HealthService24



➤ **Prototype**



➤ **new device - Qtek**
➤ **improved GUI**

Consortium of



Luleå
University of Technology



PHILIPS



Medisch Spectrum ▲ Twente

Consortium of



University of Twente
The Netherlands



University of Cyprus



Medisch Spectrum ▲ Twente

The Market Request

What is the market looking for?

Commercial System

- for commercial use
- highly profit oriented
- not flexible / “pre-configured”
- Certification mandatory required
- implementation of new features/functionalities that come from the research system

Research System

- for medical research
- non-profit oriented
- open system
- provides support for flexibility
- no certification necessary
- new and/or customized features/functionalities can be commercialized after validation

Expected Benefits & Economic Potential

Who will benefit?

- The **patients**
 - live an active life; engage to activities that were considered off-limits
- The **medical personnel**
 - able to access complete data regarding the patient and not just fragmented information; able to provide a more accurate advice concerning the patient's condition
- The **families of the patients**
 - reduce the time lost in visiting daily the patient at the hospital
- The **hospitals**
 - able to reduce the number of occupied beds for patients that require just monitoring, and give them to patients in critical conditions
- The **insurance companies** and the **state**
 - will benefit because of the reduction of the hospitalization days of non-critical condition patients, and since the cost for remote monitoring can be as low as the one tenth of the hospitalization cost

Expected Benefits & Economic Potential

What will the economic potential of HS24 be?

- The **number of chronic patients** in Europe for the next decade is estimated to more than 100 million
- Even if **one patient out of ten** is using a mobile health service, the economic benefits are very high, for all,
 - service providers, application developers, insurance companies, hospitals and patients.
- Furthermore the **use of mobile health services** will also boost the use of wireless communications, pushing for a reduction of wireless telephony communication costs and improving the coverage and the introduction of new wireless networks
- **In the long** we expect that Mobile Health services will change today's health model, allowing access to high quality treatment and follow up, anytime and from anywhere

Contact Information

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THANK YOU