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
ambulatory vital signs monitoring system
MobiHealth – HealthService24

- Prototype

- new device - Qtek
- improved GUI
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
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
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.
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THANK YOU