



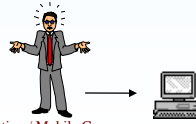
Call 6 Information Day on International Cooperation: Digital Broadcasting /
Mobile Convergence – Target Countries/Areas: China & Latin America

Proposal Suggestion:

Developing Hi-Tec and Low-Cost **Mobile Home Care - Platforms for the Target Areas (MOHCA-PLATA)**

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The emerging challenge in Home Care

- It is argued that a qualitatively new **“Mobile” Home Care** is presently emerging out of the **combined employment** of:
 - ◆ *The modern wireless mobile telephony networks and equipment.*
 - ◆ *The contemporary digital entertainment electronics.*
 - ◆ *The commercially available computer hardware and software.*
- This new Mobile Home Care allows us for to be optimistic about the reduction of patients’ **unnecessary hospitalization** in the near future, as well as, the **dramatic reduction** of the home-care costs.



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Suggested R & D aims for a potential Proposal

The development of a **standardized home-computer based system** is suggested, addressing crucial aspects of the development of contemporary Home Care, which should comprise of:

- ◆ *First, the employment of **low-cost, partially commercially available, devices and components**, supporting full scale Home Care patient's well-being observation, including vital-signs monitoring, first responder CPR support, interactive image and sound capturing and transmission, oxygen therapy support etc.*
- ◆ *Second, appropriate **software means for the processing, the evaluation, the alerting if necessary, and the targeted transmission** of the acquired health-data.*
- ◆ *Third, **software tools for the planning, the documentation, and the resources management** of the corresponding Home Care case.*

