

BIRCA

Center and Alliance for Biosensing Research
Tampere University of Technology

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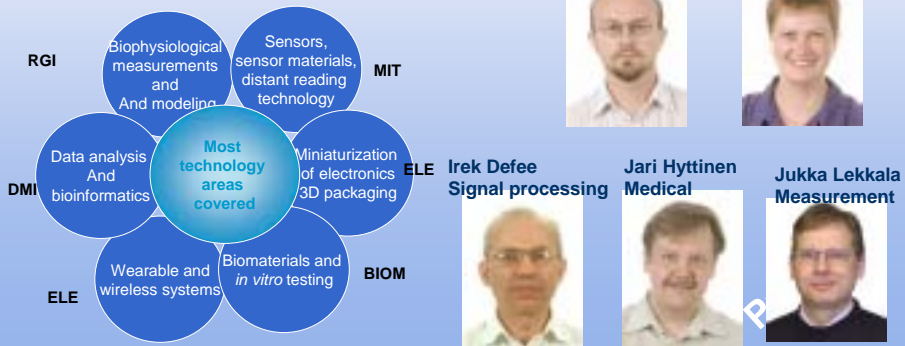


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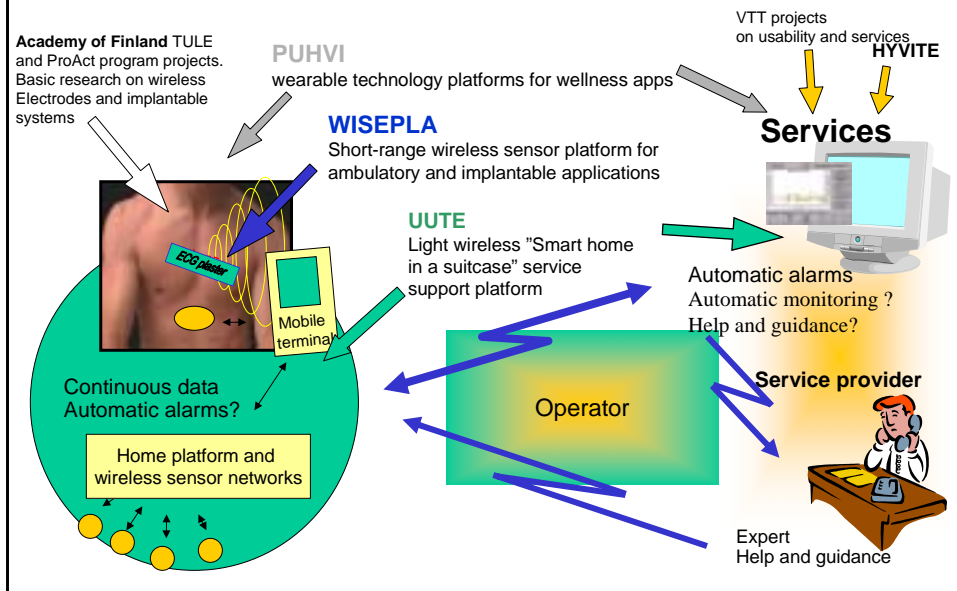
■ Biosensing Research Center/Alliance

- Center for multidiscipline research of advanced models, bioinformatics, sensors, materials and electronics for the development of sensing of physiological and biological systems.



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Ongoing BIRCA Projects in the area of AAL



Proposal / collaboration

- The objective is to improve the quality of life of health care and elderly care customers living at home by **improving the response** from the care providing system.
- Taking care means that **reliable and timely information** on the status of the customer is needed.
- The whole chain from the customer to the health care worker (information) and back (service) must be addressed.
- BIRCA can provide **implantable, ambulatory and wearable wireless sensors** for unobtrusive long term monitoring of physiological signals.
- Partners are needed for e.g. communication, data analysis, integration into the information system of the service provider, piloting, etc.

Proposal