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## Development of Continuous Heart Function Monitoring Service

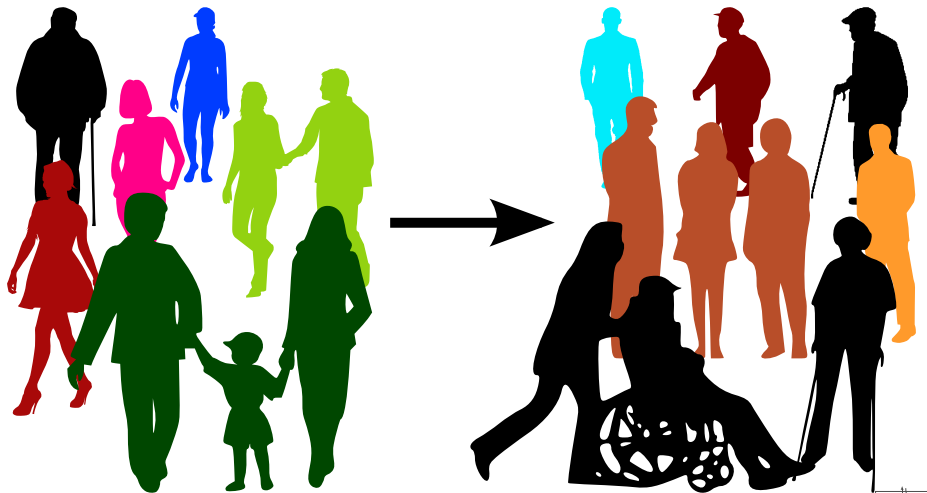
This research is financially supported by the Ministry of Education and Science of the Russian Federation within project # 14.574.21.0060 (RFMEFI57414X0060) of Federal Target Program "Research and development on priority directions of scientific-technological complex of Russia for 2014–2020".



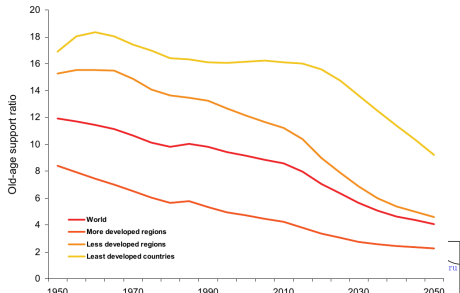
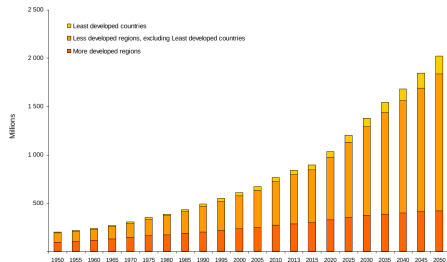
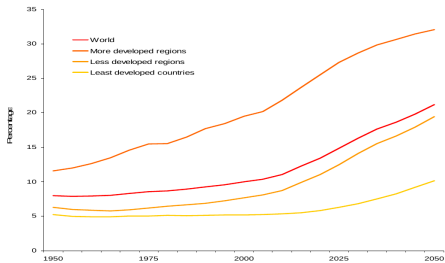
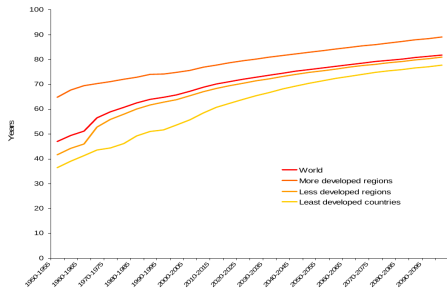
AMICT 2015 conference  
May 13–14, Petrozavodsk, Russia



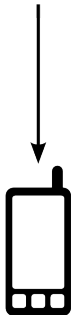
# World population ageing



# World population ageing (from UN report, 2013)



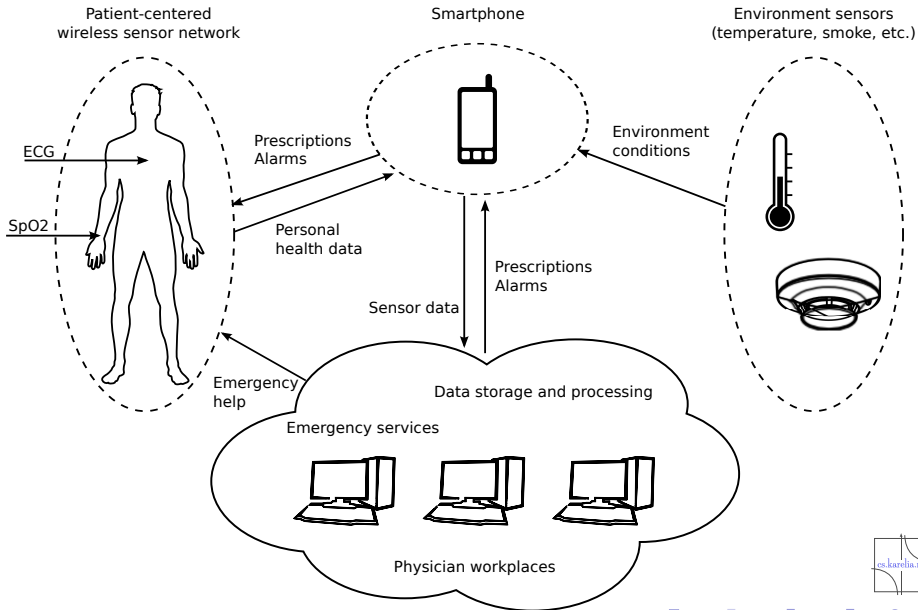
# Motivation



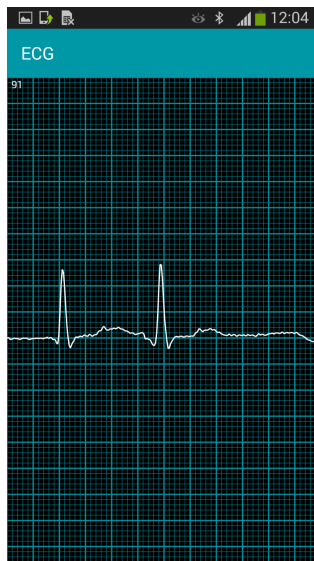
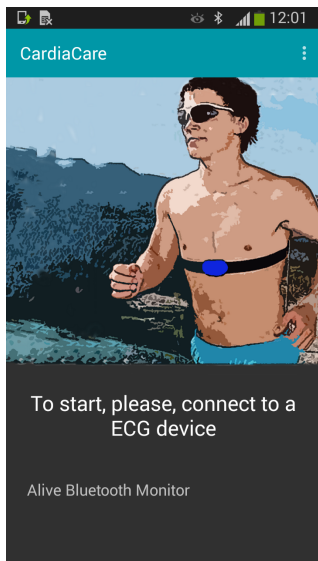
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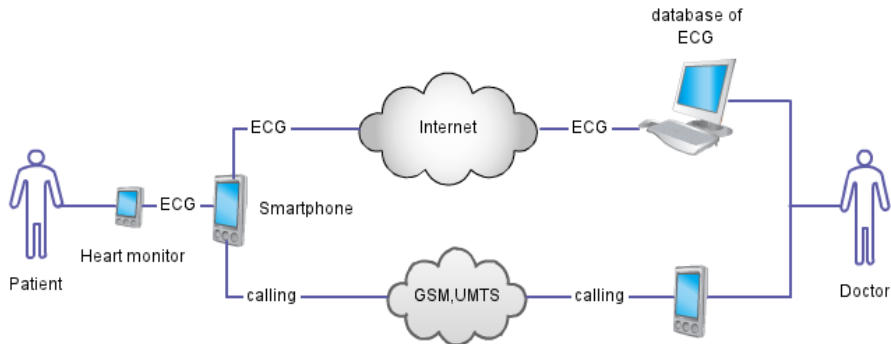
# Continuous health monitoring system operation



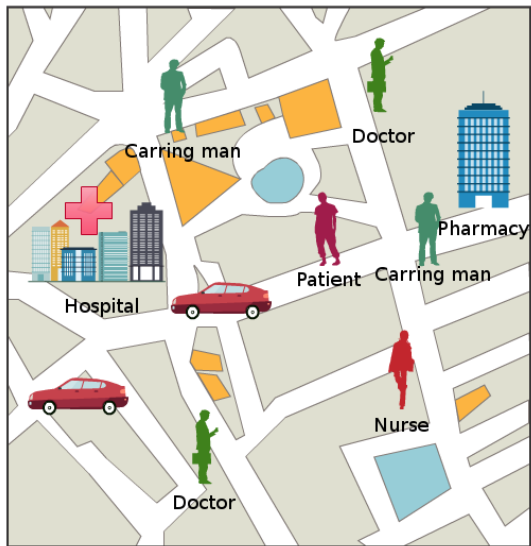
# CardiaCare Application



# Remote access for doctor

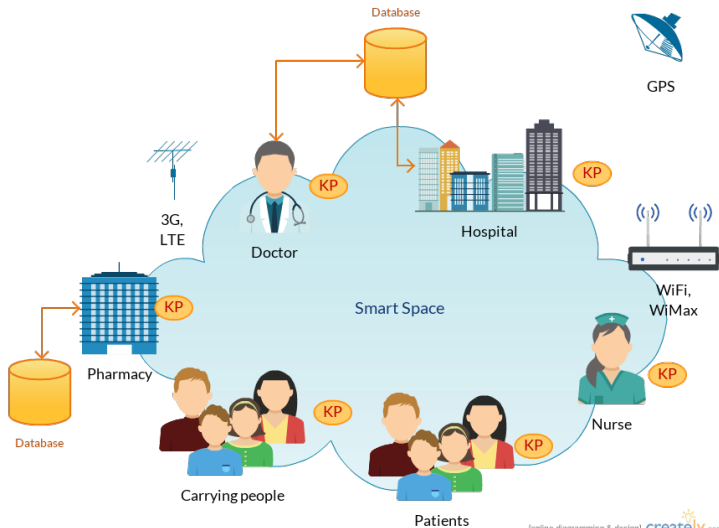


# Idea of Intellectualization





# Architecte of Intellectual Service



[online diagramming & design] [creately.com](http://creately.com)



# Conclusion

- Mobile app architecte allowed to connect several data sources was developed and applied.
- Backend provides a REST API and to support extensible medical measurements.
- SmartSpaces technologies allow to develop alarm-system to help people suffering from heart disease.

