

Intelligent eHealth Infrastructures in the Future Internet

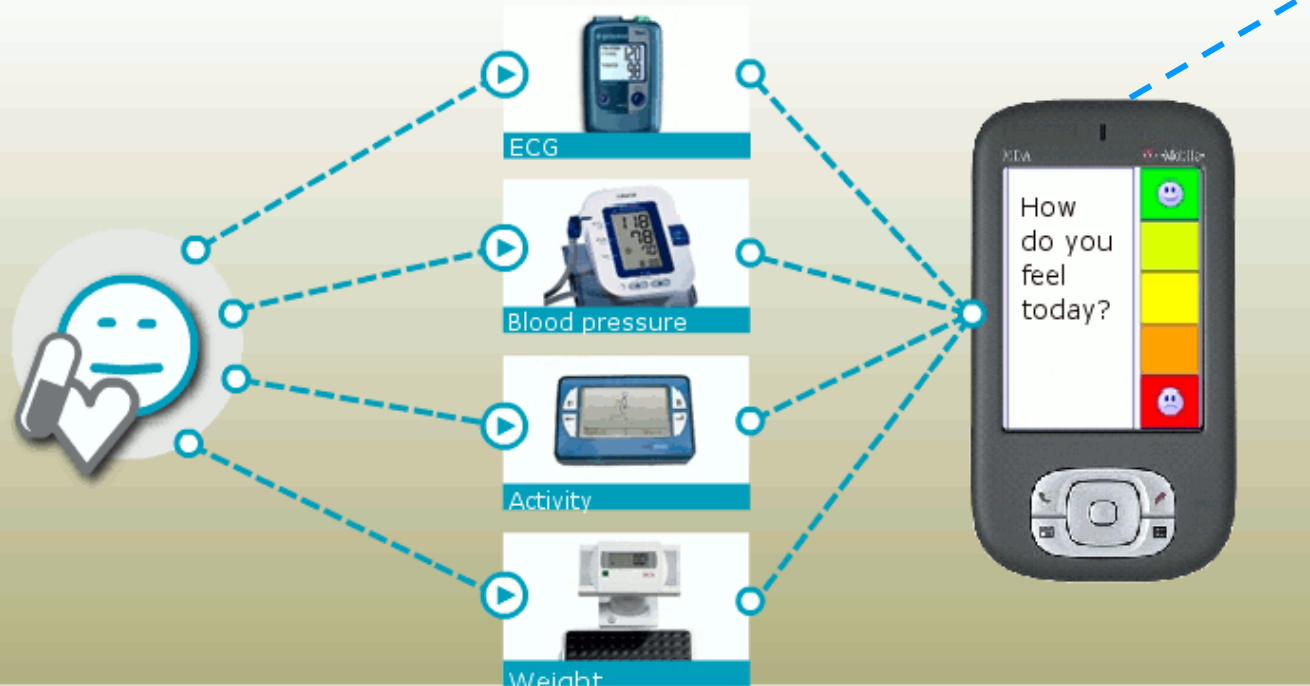
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A proposal from



Current Solutions: Monitoring Services

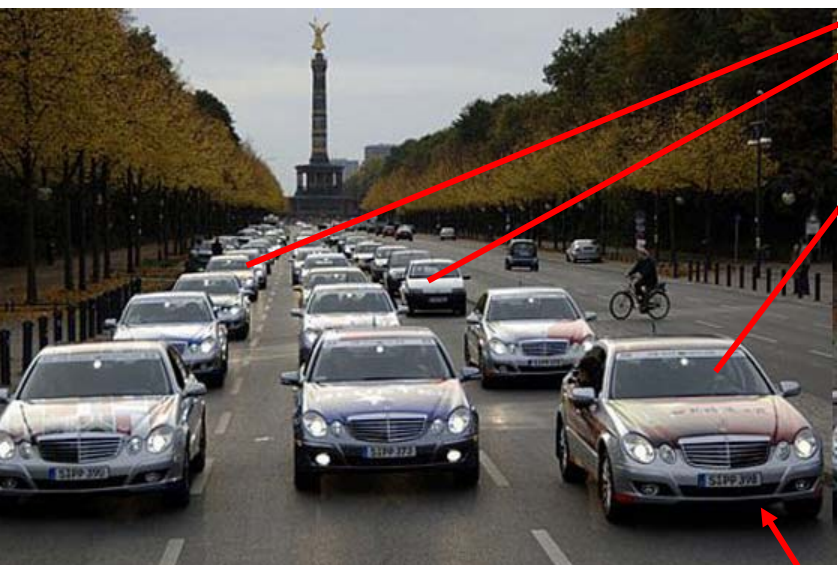


- Telemonitoring
- Teleconsulting
- Data collection in electronic health record (hospital)

Imagine: if we could prevent heart attacks (e.g. the heart attack of your taxi driver)

ECG metering (Steering Wheel, T-Shirt),
Geodata metering (GPS)
& Data Transmission (mobile communication)

ECG data monitoring
(Telemedicine Center @Charité, Berlin)



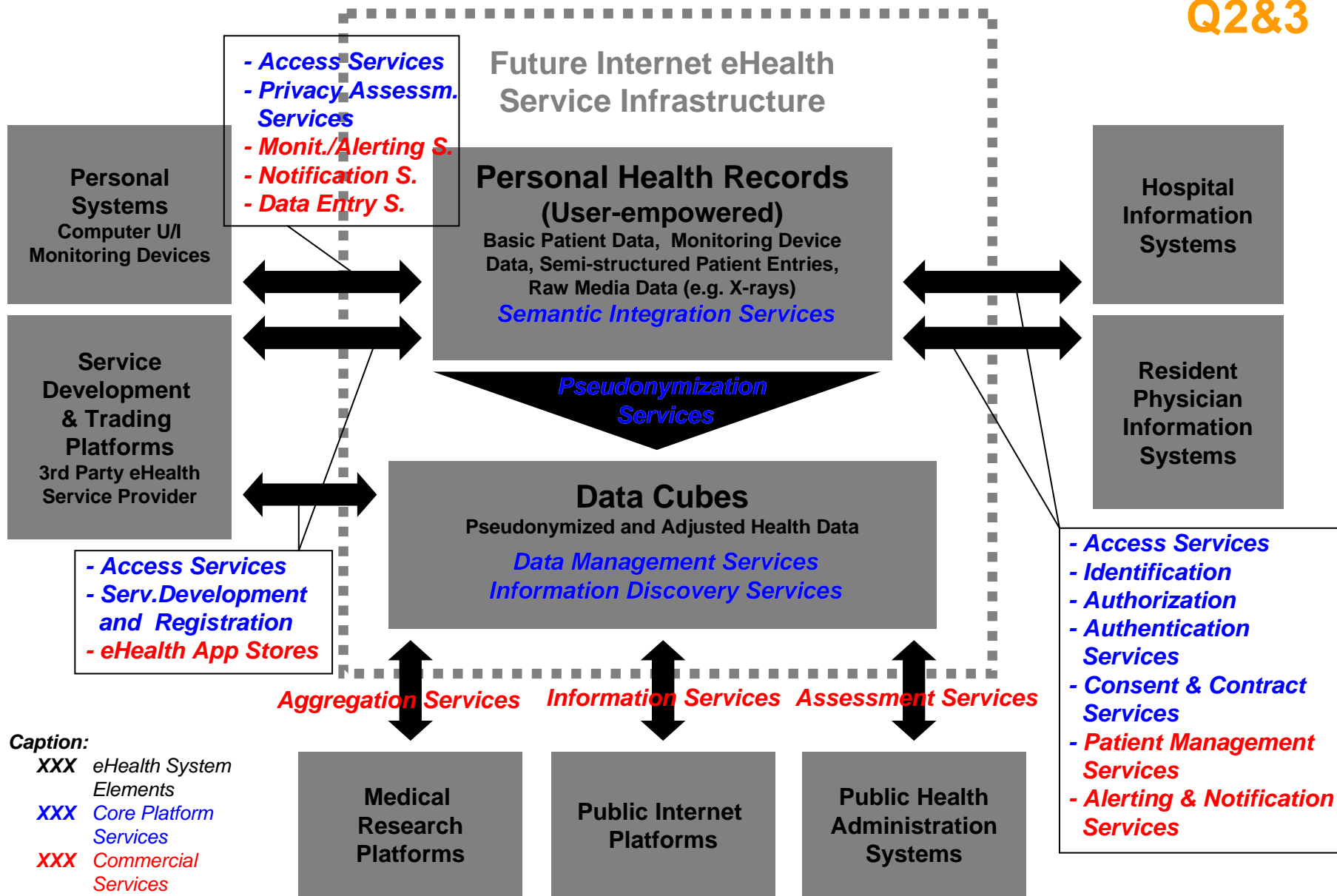
Every year, there are 100.000 cases of sudden cardiac death in Germany alone.



Challenges

- guaranteeing access to services even in specific situations
- guaranteeing the highest possible level of privacy and confidentiality
- managing interoperability according to the national storing and exchange regulations
- creating markets for eHealth services (IT, Telco & Media)
- generating data pools for generating new knowledge





Caption:

- XXX eHealth System Elements
- XXX Core Platform Services
- XXX Commercial Services

Partners

- **Charité Berlin:** experienced in remote patient care (e.g. »Partnership for the Heart«, »Fontane«); provides »real life« test beds in urban and rural environments. friedrich.koehler@charite.de
- **Fraunhofer ISST:** experienced in specification and realization of eHealth infrastructures (epSOS, German EHR, Electronic Case Record); telemedicine applications, eHealth service certification. joerg.caumanns@isst.fraunhofer.de walter.mattauch@isst.fraunhofer.de
- **Expressions of interest:** BMW AG, Deutsche Telekom, GETEMed AG, Hasso Plattner Institute, Intercomponentware AG, Robert-Bosch-GmbH, Santariskiu Clinics Vilnius
- **Other potential partners:** CareCom; NetSmart; Secunet, Tiani Spirit, Transinsight, THESEUS flagship project (including DFKI, FZI, Siemens Medical, SAP Research) University of Ankara,,

We are open for collaboration: Please get in touch !