VITRUVIUS vision: Body sensors enable many services and applications

Body Sensors will accompany us from the baby cradle to the elderly care home

Baby - Toddler - Child - Teen - Young Adult - Parent – Mid Aged Adult - Senior

Neonatal monitoring  Baby phone  Immersive gaming  Tracking involvement  Fitness coaching  Sports coaching  Dietary compliance  Activity monitoring  Diabetes assistance  ICU monitoring  Hearing Aid, acoustically enhanced reality  Elderly care  Patient centric healthcare
Highlights

• Connecting Body Sensor Networks to Decision Support Systems
  − Vitruvius showed a feasible human-centric platform architecture and demonstrated it
  − Vitruvius extended the scope of Decision Support System (distribute, manage different BSN configs)
  − Vitruvius initiated work on semantic interfaces

• Privacy, trust and security in BSN,
  − Vitruvius extended the security architecture for apps
  − Vitruvius extended the concepts for biometric authentication
  − Vitruvius supported extensions to FEDNETs, secure app install

• .. in cooperation with partners and potential users, addressing typical software development and healthcare work flows.