



The Personal Information Hub (PIH)

- Local hardware supported by cloud services or archiving, processing, aggregation, etc.
- Acts as point of audit and control for users
- Encryption for privacy preservation
- Low cost solution

Current Prototype Capabilities

- Recommendation system for movies and TV programmes, exploiting users' contextual information (SmartTV)
- Home Network diagnostics: Identification of throughput bottlenecks in home wireless versus access link
- Assisted Living Services (SmartSense)

Upcoming Capabilities

- Population presence estimation
- Privacy preservation

System Architecture - Specific Instance of SmartTV

