

# Assisted Living

**SHOKeerava Fiksu Kaupunki – 25.3.2014**

## Case for Assisted Living

- There are more than 1 million retired people in Finland today
- By 2050, the world median age is expected to have increased by ten years, to 36 years.
- Spain median age expected to be 55 years.
- The fastest growing age group in the world is the oldest-old, those aged 80 years or older

### REAL LIFE CASE IN FINLAND TODAY

- Taisto Suominen lived alone in his one bed room apartment at the age of 97
- This was because there was no municipal nursing home available for him
- Nurse did visit him one a week
- He fell down and broke his hip
- Luckily weekly nurse visit was on that day – Taisto did lie on a floor about 4 hours



## Safe and secure Assited Living services

- Security and safety
  - Activity sensor for motion
  - Pressure sensors on floor, on bed ect.
  - Panic button on wrist, well being wrist band
  - Contact sensor in windows and doors
  - Emergency cameras, fire and gas sensors
  - Life sign sensors, medical dispenser
  - Emercency center to respond
- Medical services at comfort of home
  - Doctor / nurse consultation on live video chat
    - Basic medical measurements
    - Decision of further actions
- Other services
  - Entertainment, infotainment, taxi service, service targetted to particular user group



# Assisted Living advantages

## Technology

1. It supports all relevant in ternational standars (e-health, ect) which is supported by many device manufactures
2. It is based on IoT (Internet of Things) technology that is about to be commerciliased near future.
3. UI is been developped together with actual real life end users

## Benefits

1. New, yet to be invented, devices can be easily integrated as a part of service offering.
1. There are many device manufactures available today -> less expensive devices for end users
1. All smart functions of the home can be controlled via Assisted Living service
1. New services can be easily developped via third parties that enables vast amount new and innovative services for the end users of Assisted Living -> Enables vast amount of service developpers.
- 1/2. Enables cost effective legacy services such as call service, video call, video chat ect.

## Benefits

2. Technical solutions vialable and compatible many years to the future
2. Dynamic UI enables easy deployment of new servcies.
2. Big / many device manufactures develop new IoT devices that can be deployed easily as new service offering for Assisted Living.
2. Yet to be invented IoT services can be deployed easily via Assisted Living for end users.
3. UI is easily approachable by target end user group
3. Services are fun and easy to use

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Thank you

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