



Title	COMCARE : COMMUNITY-BASED ACTIVITY MONITORING SERVICE FOR THE ELDERLY
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Citation	フィンランド-日本 共同シンポジウムシリーズ : 北方圏の環境研究に関するシンポジウム2012(Joint Finnish-Japanese Symposium Series Northern Environmental Research Symposium 2012). 2012年9月10日-14日. オウル大学、オウランカ研究所, フィンランド.
Issue Date	2012-09-10
Doc URL	http://hdl.handle.net/2115/51367
Type	conference presentation
File Information	04_ElisaJaakkola.pdf



[Instructions for use](#)

 **COMCARE**

COMMUNITY-BASED ACTIVITY MONITORING
SERVICE FOR THE ELDERLY

NIMO

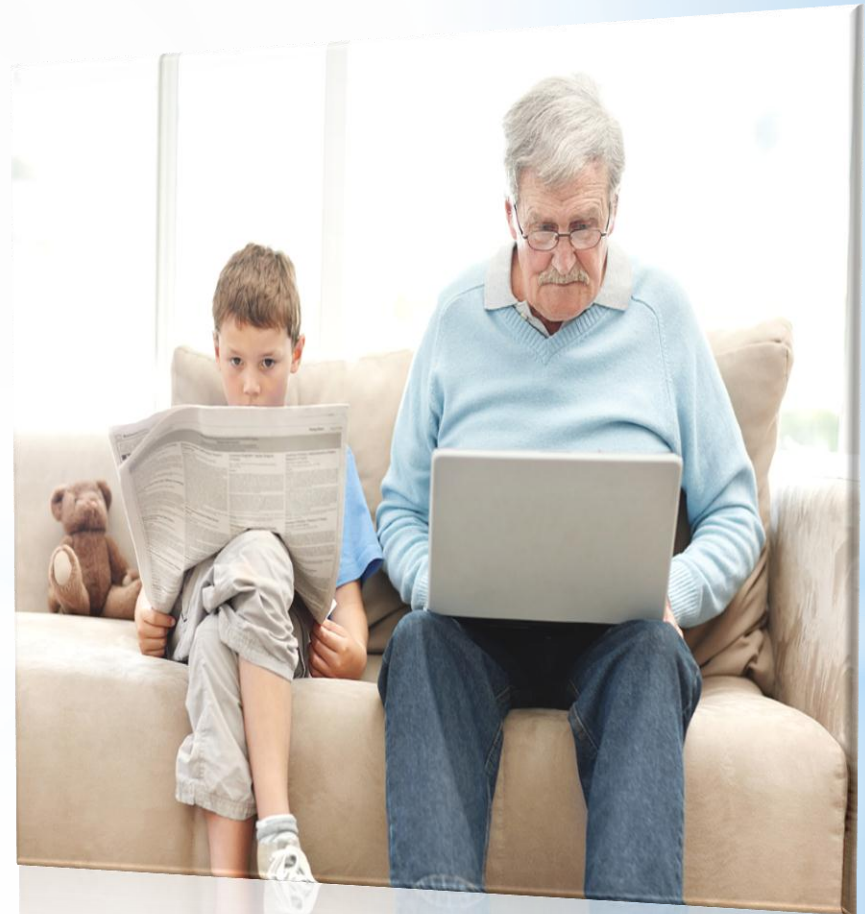
- Nordic Interaction and Mobility Research Platform

- * EU Interreg project
- * Researchers from
 - Luleå University of Technology
 - University of Oulu
 - University of Lapland, Rovaniemi
- * Aim to create a strong Nordic platform for developing mobile and interactive services



* Background

- * a community-based activity monitoring service that aims to improve
 - * safety
 - * social support
 - * engage generations
- * a lightweight activity monitoring system that combines
 - * daily basis communication
 - * sensor technology
- * The main difference compared to existing social media services is *a context sensitive data delivery*
- * User has **full control** over sent data and monitoring systems



* The Comcare is..



COMCARE UPDATES

-  On/Off Switch for the whole system
-  Sensor updates
-  Update made by the Target
-  Update made by the Circle member



SERVER



RELATIVES



ACQUAINTANCES



PROFESSIONALS

*The Comcare service

* COMCARE COMMUNITY

* The Comcare community is composed of

1) the Target

-> subject of care and wellbeing monitoring (e.g. aged person)



TARGET'S HOME



2) Three circles:

- Relatives

(e.g. family and close friends)

- Acquaintances

(e.g. neighbors or volunteers support staff)

- Professionals

(e.g. home care or health care personnel)

RELATIVES



ACQUAINTANCES



PROFESSIONALS



* COMCARE APPLICATION



- * At home the Comcare application runs on Android tablet
- * It delivers status updates via server to the community
 - > Makes all the information visible for the Target (*full control*)

RELATIVES

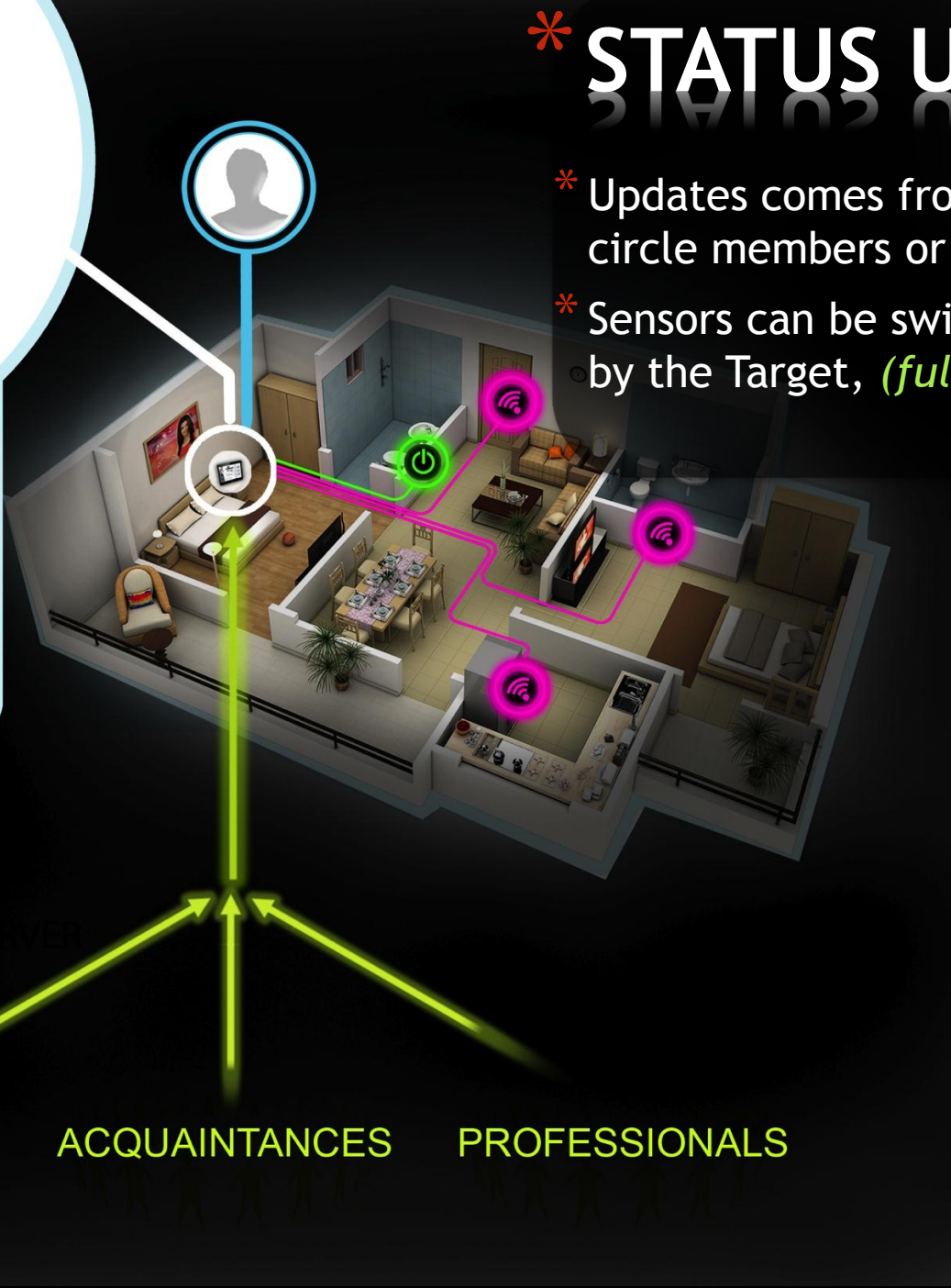
ACQUAINTANCES

PROFESSIONALS



COMCARE UPDATES

-  On/Off Switch for the whole system
-  Sensor updates
-  Update made by the Target
-  Update made by the Circle member



* STATUS UPDATES

- * Updates comes from the target, circle members or sensors
- * Sensors can be switch off at any time by the Target, *(full control)*

RELATIVES

ACQUAINTANCES

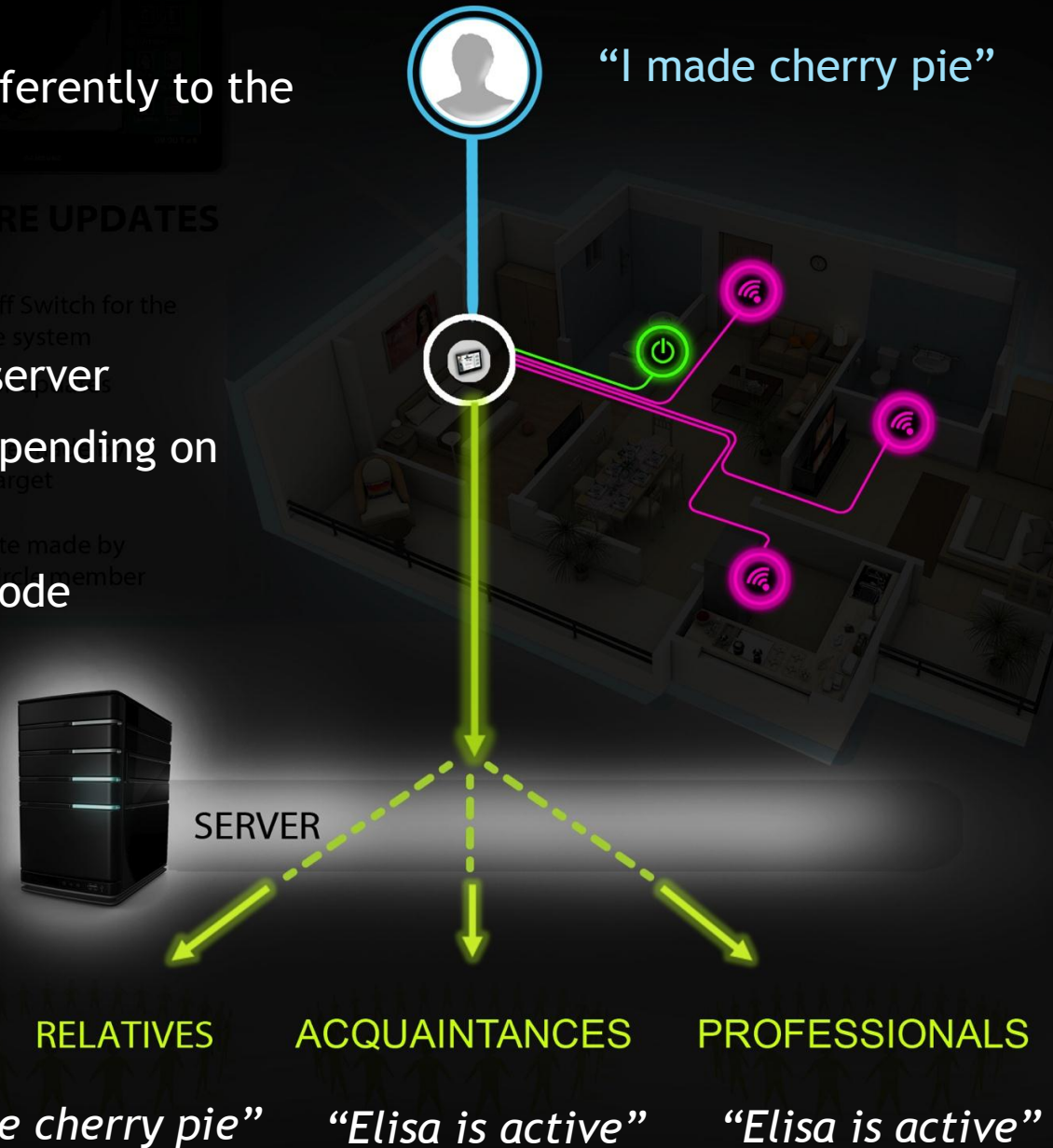
PROFESSIONALS

* CONTEXT SENSITIVE DATA DELIVERY

* The same data is presented differently to the community members

* Updates are

- 1) filtered and decoded in the server
- 2) transmitted to the circles depending on
 - the circle type
 - activity-monitoring mode





COMCARE UPDATES



On/Off Switch for the whole system



Sensor updates



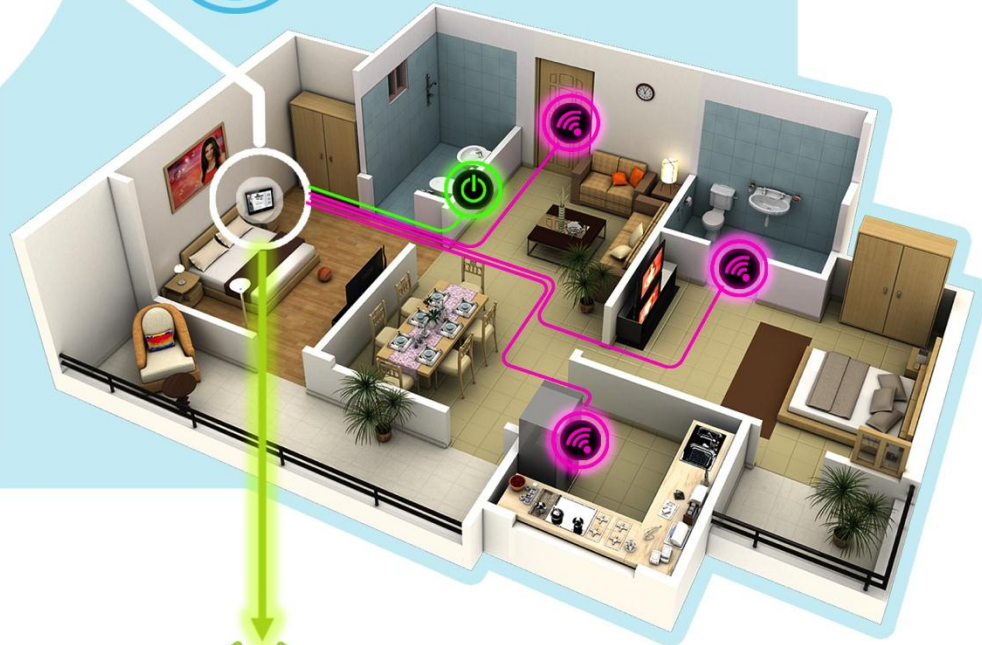
Update made by the Target



Update made by the Circle member



TARGET'S HOME



SERVER



RELATIVES



ACQUAINTANCES



PROFESSIONALS

COMCARE USER INTERFACE



SAMSUNG

2VW2N0C

09:00

09:00

elisa.jaakkola@ulapland.fi

* Main functions:

- Status updates with picture
- Private messages with picture



2VW2NWC



**SELECTED
UPDATE**

**UPDATE
HISTORY**

**CIRCLES
+ PRIVATE
MESSAGING**

WRITE UPDATE -button

