



eHealth
week

11 - 13 MAY 2015
RIGA, LATVIA

ORGANISED BY

Ministry of Health
of the Republic of Latvia



REUSE OF DATA FROM THE PATIENTS OWN HOME,

Jan Petersen , chief consultant, MedCom, Denmark

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The logo for eHealth week, featuring a stylized blue 'e' followed by the words 'Health' and 'week' in a sans-serif font.

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Agenda

DANISH E-HEALTH

MEDCOM IN GENERAL

KIH PROJECT

**TELEMEDICINE – HOME
MONITORING**

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Facts about Denmark

- 5,7 million citizens
- Centrally-managed health care system
- Health care is provided directly by the public sector

- *Unique Person Identifier*
- *Long tradition for central registration*
 - *Legal authorization registry*
 - *Health provider registry*
 - *National medication record*
 - *National security services*



Danish Health care Sector

- 5 Regions
- 98 Municipalities
- 54 Public hospitals
- 10 Private hospitals
- 2000 GP clinics
- 1100 Specialists
- 330 Pharmacies
- Tax paid
- Free of charge
- 60 IT vendors –
100 IT systems





The players in Danish eHealth

- Ministry of Health
- National Board of E-Health (NSI)
- Regional eHealth (RSI)
- Association of Municipalities (KL)
- Sundhed.dk (Health portal)
- MedCom – implementing organization



eHealth strategies

- Multi-vendor policy
- Standardised interfaces
- Messaging and central services

What is Medcom?

- Medcom is a national non-profit project organization developing, testing and disseminating electronic communication via national healthcare communication standards.

Connecting Health

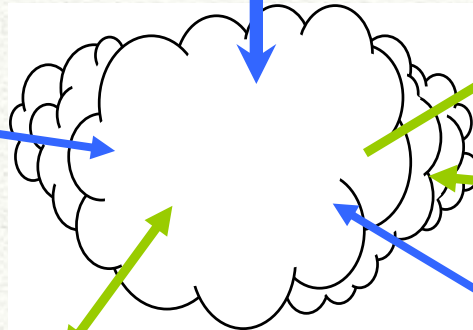


Homecare
Notifications
Care reports
Doctors Letters



Pharmacy
Prescription

Hospital
Discharge
Outpatients
Referral
Specialist



Radiology
Request
Reports



Laboratories
Chemical, pathology
and microbiology
Results and request

Insurance
Reimbursements





KIH project (CIH)


- Clinical Integrated Home Monitoring
- Danish Large Scale Telemedicine Project

CIH Objective

- Supporting coherent health care services across sectors
- Supporting active patient involvement
- Evaluating clinical benefits and patient safety regarding home monitoring
- Evaluate the socio-economical effects of self-management using telemedicine

CIH project

- Coordinated project – Danish Public Welfare Technology Fund
- Clinical test of telemedicine in home monitoring
- Cross-sectorial cooperation
 - Patients in own home, hospital, municipality and general practice

- 
- Collected data is sent to a cross-sectorial/cross-regional database
 - Active involvement of the citizen
 - Videoconferencing with the hospital and the home care
 - Virtual adjustments of treatment

Patients

- Approx. 1,200 patients
- COPD, Diabetes, inflammatory bowel disease, pregnant with and without complications
- The patients can be divided into 3 categories



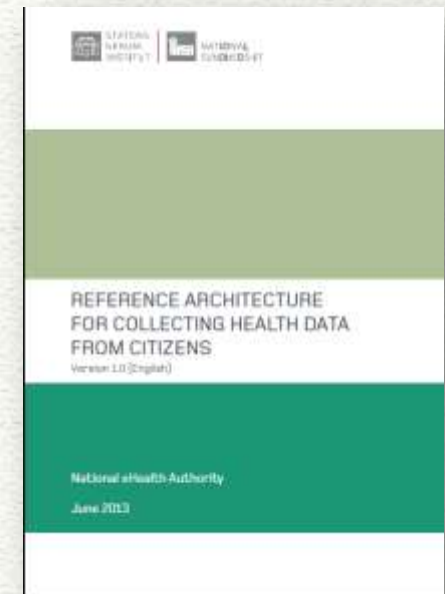
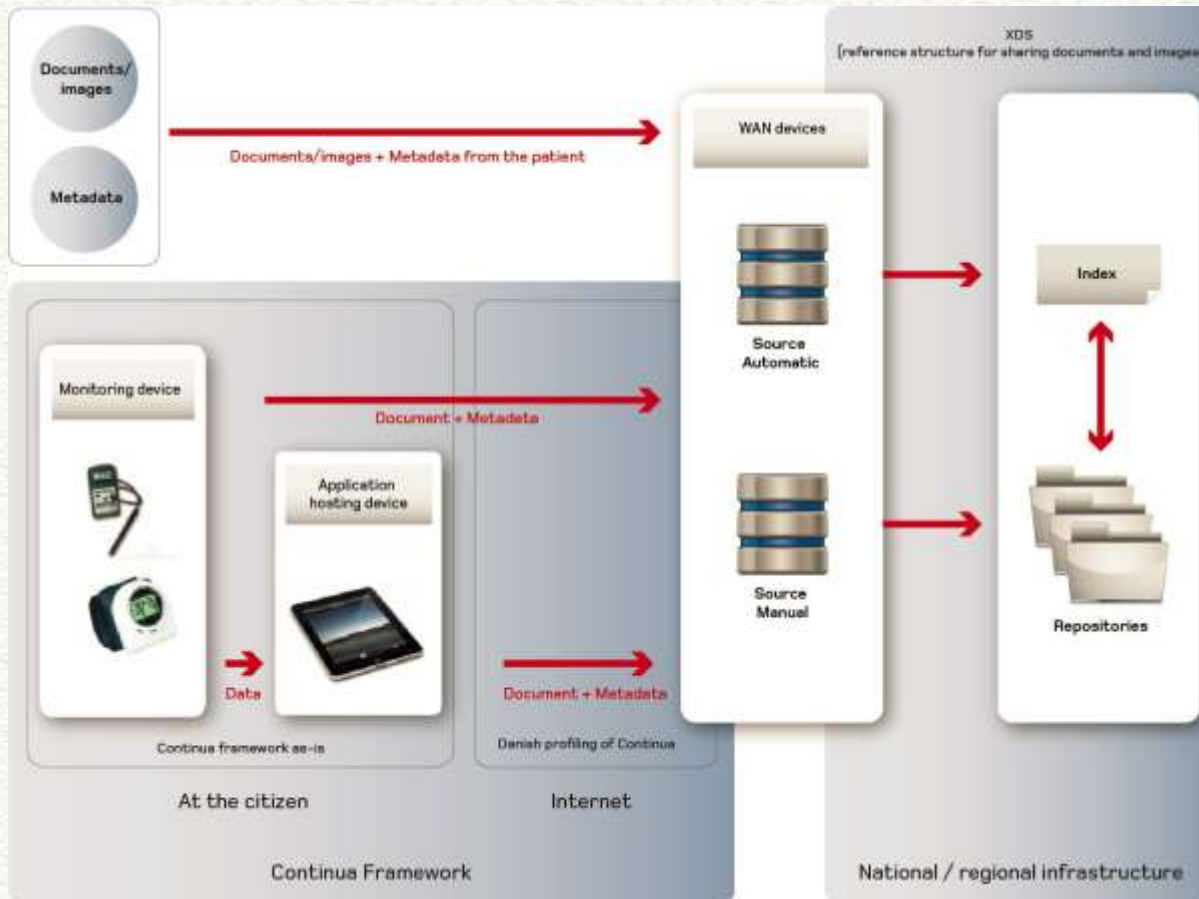
Sub-Projects -Approx. 1,200 patients

- Diabetes (Central Denmark Region)
- COPD (Capital Region of Denmark)
- Pregnant with complications (Central Denmark Region)
- Pregnant without complications (Capital Region of Denmark)
- Inflammatory bowel disease (Central Denmark Region)
- MedCom – Program management

Open source and standards

- OpenTele platform and common data base is developed and published as open source
- The solution implements
 - Continua Alliance profiles and framework
 - HL7 CDA-2
 - IHE/XDS
 - HL7 PHMR (Personal Health Monitoring Report) Danish profiling

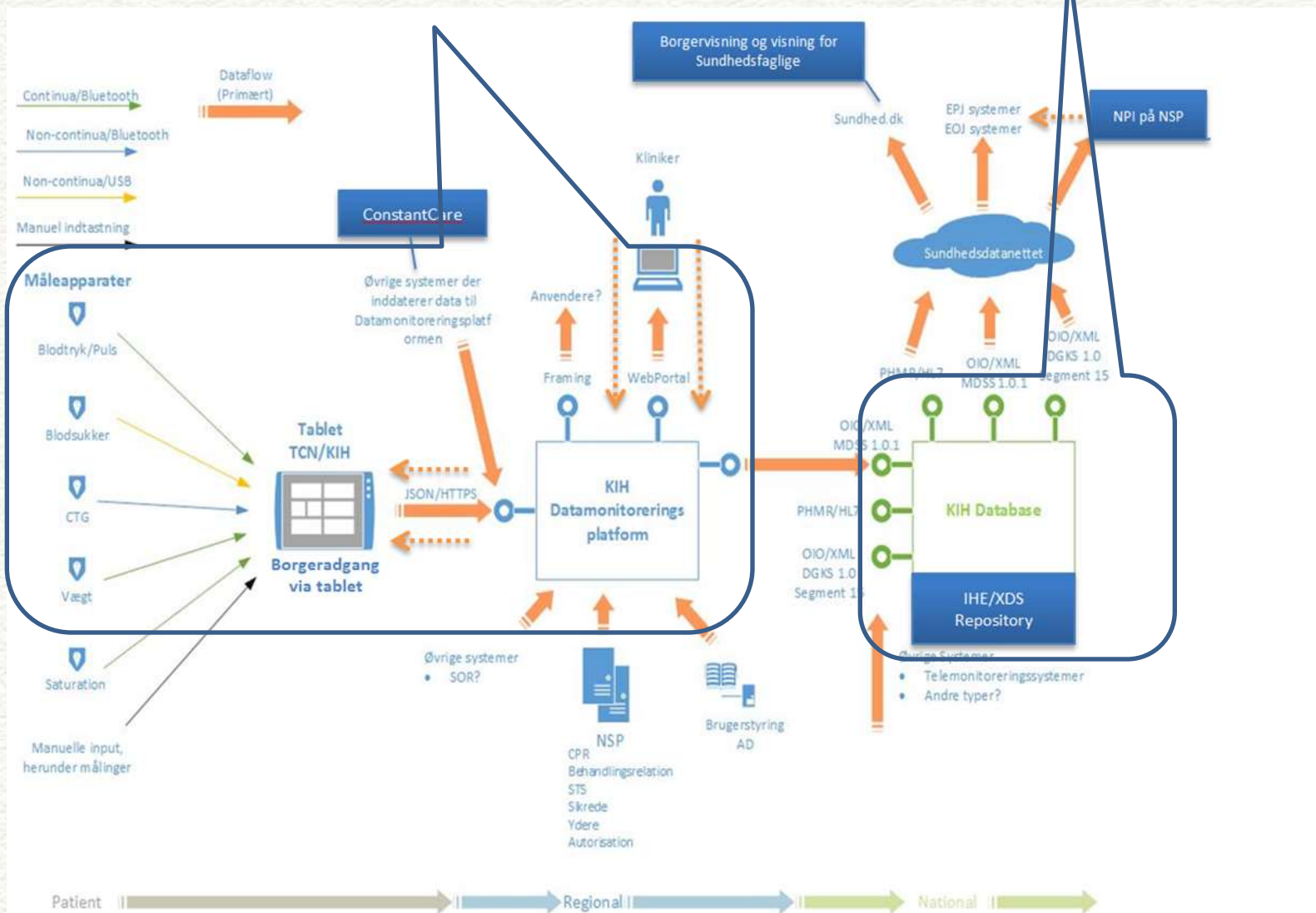
Logical national target architecture



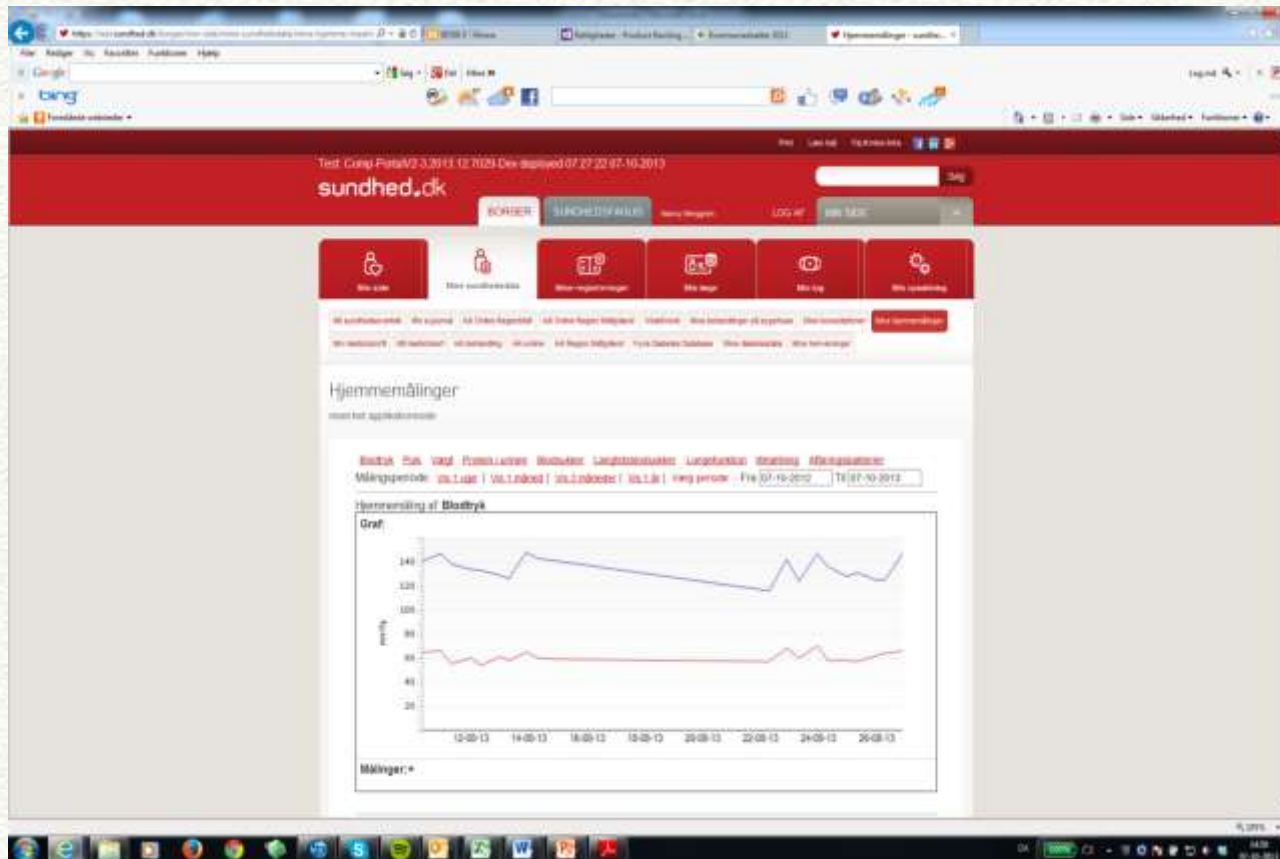
OpenTele - overview

Collection platform

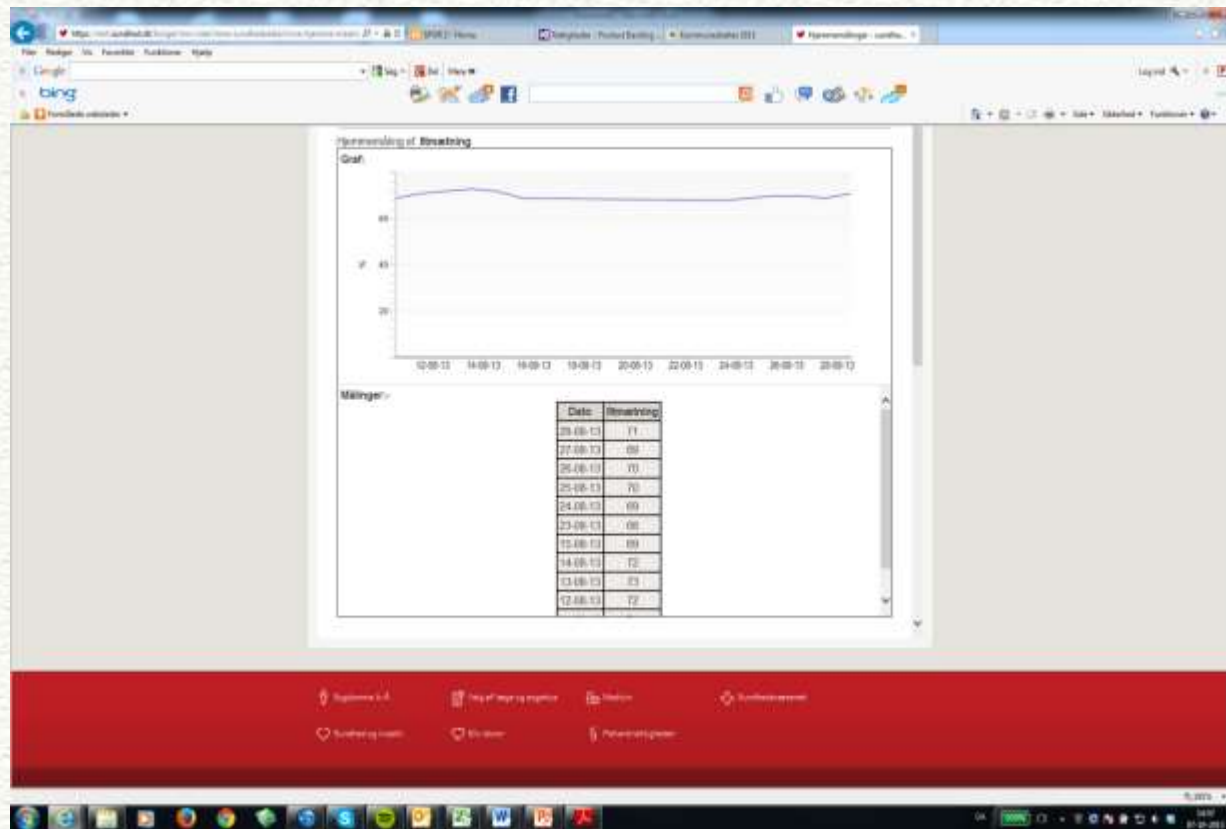
CIH Data base



Sundhed.dk Citizen view



Sundhed.dk – Health Portal





THANK YOU

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