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Swiss eHealth Summit

www.ehealthsummit.ch

Building the bridge: eGov goes eHealth

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ehealthsuisse

Meine Gesundheitsinfos.
Zur richtigen Zeit am richtigen Ort.



Koordinationsorgan
Bund-Kantone

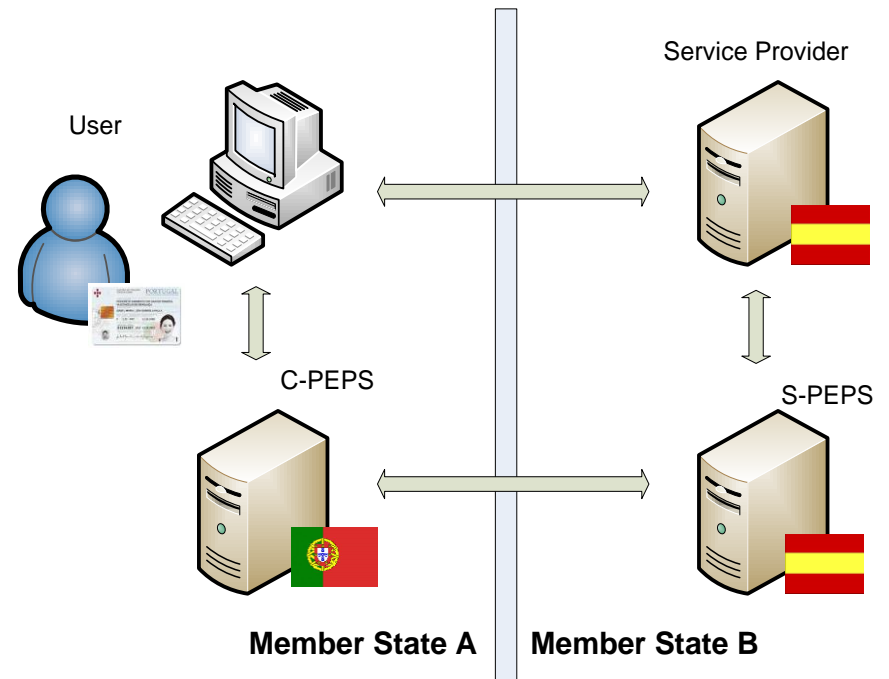
General Overview about STORK 2.0

STORK = Secure idenTity acrOss boRders

linKed STORK = Secure idenTity acrOss

boRders linked

- STORK 2.0: Realization of a single European electronic identification and authentication area
- *ServiceProvider*-PEPS as single contact point for resources
- *CitizenCountry*-PEPS as mediator with IdPs



STORK 2.0 in Switzerland

Governance: SECO

Implementation by the Bern University of Applied Sciences (BFH):

- Participation in the design of the STORK Infrastructure
- Lead of the eBanking pilot
- Integration of the SuisseID IdP
- Joint lead for Service Design, Business Plans & Sustainability

General Overview about epSOS

- European Patients' Smart Open Services
- 1st July 2008 – 30th June 2014
- Aim: Implementation of cross-border eHealth Services
- Main deliverables: Transnational access to patient summary, cross-border use of electronic prescriptions
- 25 European countries participated
- Success: Several countries went live with their services
- Successful proof of concept (e.g. NCP)

- epSOS Assets taken in EXPAND project and is a cornerstone of the future Connecting Europe Facility (CEF)

epSOS in Switzerland

Governance: FOPH & eHealth-Suisse

Implementation by the University Hospitals of Geneva (HUG):

- Use Case Patient Summary, Country A (PS access from abroad)
- Use of OpenNCP – an Open Source version of the epSOS NCP
- National Healthcare Record → MonDossierMedical.ch
- Live since mid 2013
- NCP in Geneva still live (cantonal responsibility)
- Switzerland is an associated member in the EXPAND project
- HUG is core member of the OpenNCP Community

eHealth pilot in STORK

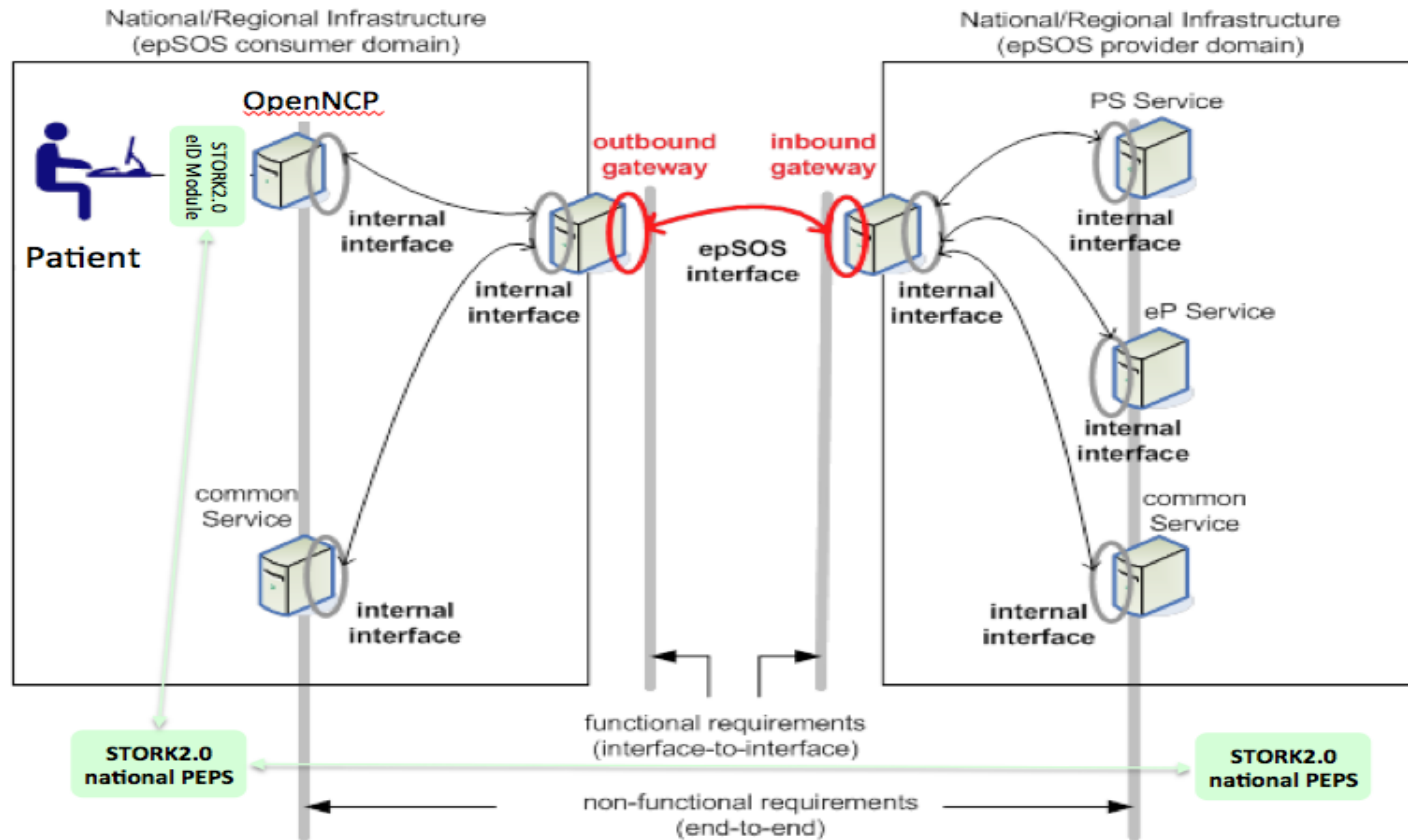
Use STORK eID Infrastructure to access eHealth Infrastructure

- Enable healthcare providers to connect to the OpenNCP Portal using their eID
 - Enable patients to access their health data in a foreign country using their local eID mechanism
 - Enhance the arbitrary means of patient identification of epSOS by electronic processes using STORK 2.0 functionalities
- **Implementation and demonstration by a joint Austria – Switzerland working group**

Cooperation Form and Aims

- Bilateral cooperation until end of 2015
 - Kick-off in November 2014 in Geneva
 - Use STORK to access epSOS eHealth Infrastructure
 - Patient access: patient can log in foreign portal and access his own Patient Summary
 - Mandated access: possibility to handle delegation of rights
 - HP access: physician can log in foreign portal and be recognized as healthcare provider
 - Compliance to EU law (AT)
 - Lessons learned for current EHR law project (CH)
- Bridge building between eHealth and eGov

OpenNCP + STORK-eID Integration



Current showcase - Switzerland

Switzerland

- Login as a HP into the Austrian OpenNCP portal using a SuisseID in order to view the patient summary of a Swiss patient
- Login as a patient into the Swiss OpenNCP Portal using a SuisseID in order to view his own patient summary

Sign In



Swiss OpenNCP Portal

Welcome

Welcome

Sign In

Email Address

This field is required.

Password

Remember Me

[Sign In](#)

- Stork
- [Forgot Password](#)

Powered By Liferay

STORK:: (Secure Identity Across Borders Linked)

Consent to request attributes

Service Provider EPSOS-NCP-CH with QAA Level 3 is requesting the following attributes:

Attributes

Mandatory attribute(s)

- e-Identifier
- Given Name
- Date of Birth
- isHealthCareProfessional
- e-mail
- ehic
- Surname

Optional attribute(s)

- fiscalNumber

send

cancel

En cliquant sur le bouton Valider, vous initiez la transmission de vos données d'identité au service qui en fait la demande

Validation des données d'identité

SuisseID:
Heiri Muster (Authentication), Nr. 1300-0000-0000-0000

Service demandeur:
storkdemo2.bfh.ch

Transmission à:
<https://storkdemo2.bfh.ch/CH-PEPS/SuisseIDConversion>

Déclaration de sphère privée:
www.service-provider.ch/privacy_notice.htm



Indications obligatoires

| Nom | Value | Tran |
|---|-----------------------|-------------------------------------|
| Prénom | Heiri | <input checked="" type="checkbox"/> |
| Date de naissance | 1976-09-13 | <input checked="" type="checkbox"/> |
| http://www.ech.ch/xmlns/eCH-0113/1/isHealthCareProfessional | Pas disponible | <input checked="" type="checkbox"/> |
| Email | heiri.muster@acme.com | <input checked="" type="checkbox"/> |
| http://www.ech.ch/xmlns/eCH-0113/1/ehic | Pas disponible | <input checked="" type="checkbox"/> |
| Nom | Muster | <input checked="" type="checkbox"/> |

Annuler

Valider



Welcome

Patient Access

Trillium

Welcome

Powered By [Liferay](#)

Lessons learned

Bilateral cooperation

- Specifications weren't all complete, functionality missing (implementation of specific use cases)
- Documentation not always available
- Hard and long way – many stakeholders are involved
- Organisational level: Crucial technical project lead steering both countries
- Precious pre-work by epSOS and STORK, basis for everything

Next steps

- **Implementation of another two use cases until the end of 2015:**
 - Access by foreign patient to his own patient summary
 - Representative access (access on behalf)

- **Evaluation of the feasibility of connecting another IdP to STORK PEPS**

Involved parties

- Austria
 - National Coordinator: Ministry of Health (BMG)
 - Project Manager: eHealth Consulting
 - Technic, Tests: Technical University Graz & Ministry of Health (BMG)
 - OpenNCP: Ministry of Health (BMG)

- Switzerland:
 - National Coordination: “eHealth Suisse”
 - Project Manager, OpenNCP, Technic, Tests: University Hospitals of Geneva (HUG)
 - Swiss PEPS: Bern University of Applied Sciences, Biel (BFH)
 - Semantics: Western Switzerland University of Applied Sciences, Geneva (HES-SO)
 - Observer: Federal Office for Public Health (FOPH)