**Seminar
Mobile Identity**

d···LAB

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**Use case II:
Mobile Connect for
the private health ecosystem**

https://www.youtube.com/watch?v=oZQzam5thXc&feature
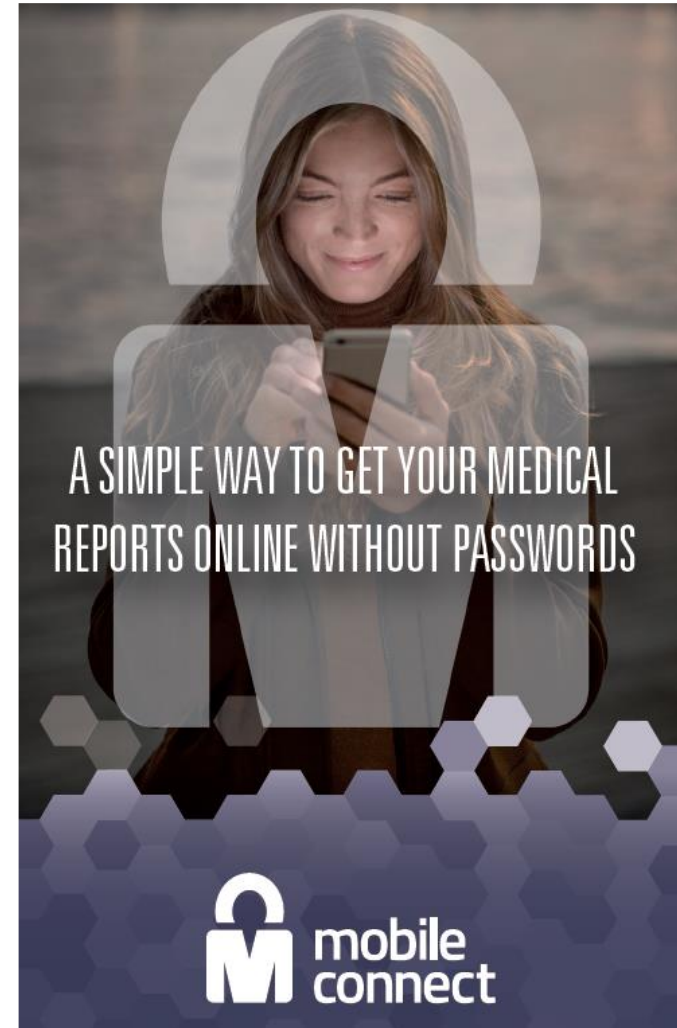=youtu.be

Achievements to date

Summary

- Existing system openCDE

- Access to clinical documents from health professionals and patients.

- Clinical Intelligence through healthcare analytics of medical outcome.

- Delivery of clinical documents to patients.

- Simplify identification process for patients. Mobile Connect

- Pilot in several health centers in Catalonia.

HOW DOES IT WORK?

1 Log on to your **healthcare center's OpenCDE portal**.

2 Click on the **Mobile Connect** button.

3 Enter your **mobile number**.

4 **Confirm your identity** with your mobile phone.

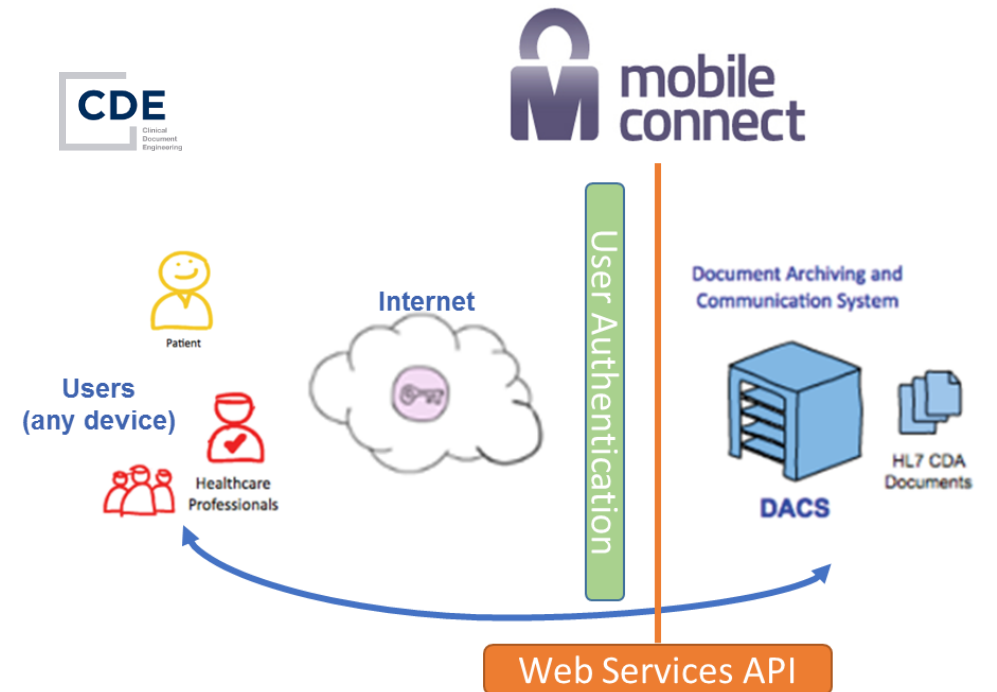Now you have your **medical report!** Safe and secure.

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A SIMPLE WAY TO GET YOUR MEDICAL REPORTS ONLINE WITHOUT PASSWORDS

mobile connect

Existing system

- Vendor Neutral Archive (VNA) solution from CDE

- Provides services to health organizations for digital archive, custody, access, and structuring of clinical documents in a safe and confidential way.

- OpenCDE includes:
  - Back-office: **DACS** – Document Archiving and Communication System

  - Front-office: **CDA Finder**, search and present documents (mobile & web)

OpenCDE

- Technical elements:
    - Security & Privacy
        - XACML privacy rules
        - IHE ATNA
        - Encryption

    - Standardized clinical documents
        - HL7 CDA
        - ISO 27932

    - User identification

    Mobile Connect

mobile connect

Security & Privacy

- Access policies
- Authorization
- Protection

Search

- Patient
- Document
- Section

Content

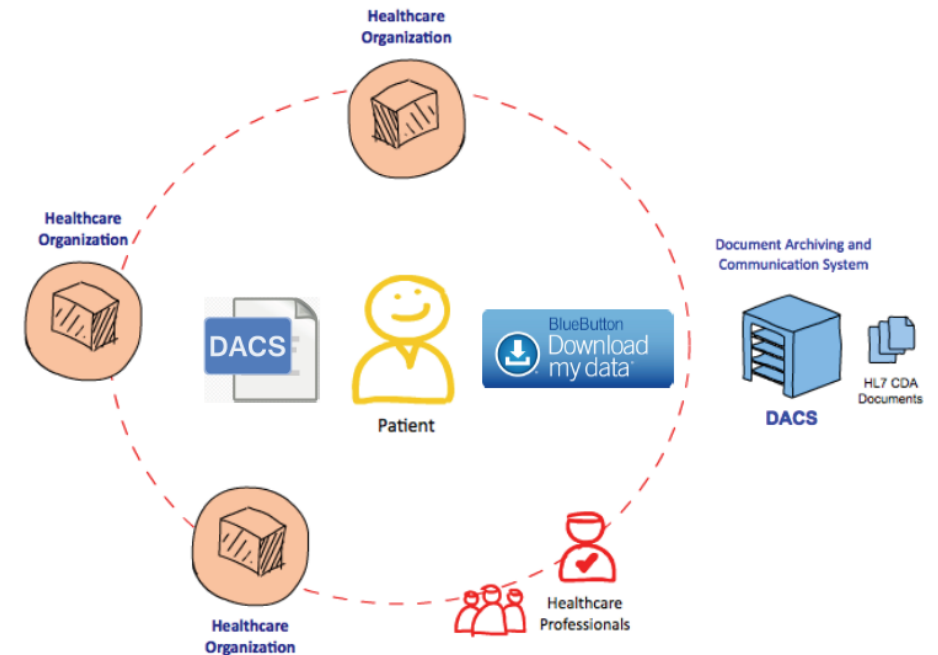- Legal & Operational repositories
- CDA HL7

The project

Participants

- Hospitals
  - Clinical information providers and custodians.

- Patients
  - Access to their information, having the option to download it.

Information flow

- Clinical Documents uploaded to the hospital DACS (*Document Archiving and Communication System*).

- Patient access / download (**BlueButton**) through the web

Context - Pilot

- "Pilot" project going on (fully operational service and real users).

- Under the umbrella of ACES (Associació Catalana d'Entitats de Salut) – Catalan association of private companies in the health sector.

- "Pilot" in the sense of evaluation of a service by customers.

- Main feature: **BlueButton**

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USA initiative to put clinical information at patient's hands, making use of International standards.

Started in 2010 by the *U.S. Department of Veterans Affairs*.

Patients may consult and download, in digital (and standard) form, their own clinical information and data.

Download from hospital' web portal, just clicking on a "blue button".

Objective – First results

- Patient "empowerment" over clinical information.

- Provide patients with tools and devices to access to their information.

- New collaboration model "Patient – Health professional".

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- Patients need to be uniquely identified: Mobile Connect

- Main purpose: integrate Mobile Connect into OpenCDE to offer a new way to log in
  - Simple
  - Private
  - Secure

- Simplify (still secure!) patient's identification and access to clinical documents.