Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

GDK Schweizerische Konferenz der kantonalen Gesundheitsdirektorinnen und -direktoren
CDS Conference suisse des directrices et directeurs cantonaux de la sante
CDS Conferenza svizzera deile direttrici e dei direttori cantonali della sanita

Testing and Certification

-

the Swiss approach

Adrian Schmid

Head of eHealth Suisse

Swiss Coordination Office for eHealth

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EPR
Electronic
Patient Record

ehealthsuisse
Meine Gesundheitsinfos.
Zur richtigen Zeit am richtigen Ort.

Koordinationsorgan
Bund-Kantone

A federal republic with 26 health regions

Cantonal Level

- Establish "eHealth" in the regional healthcare system.

Federal Level

- National legal framework for common rules, standards and infrastructure.

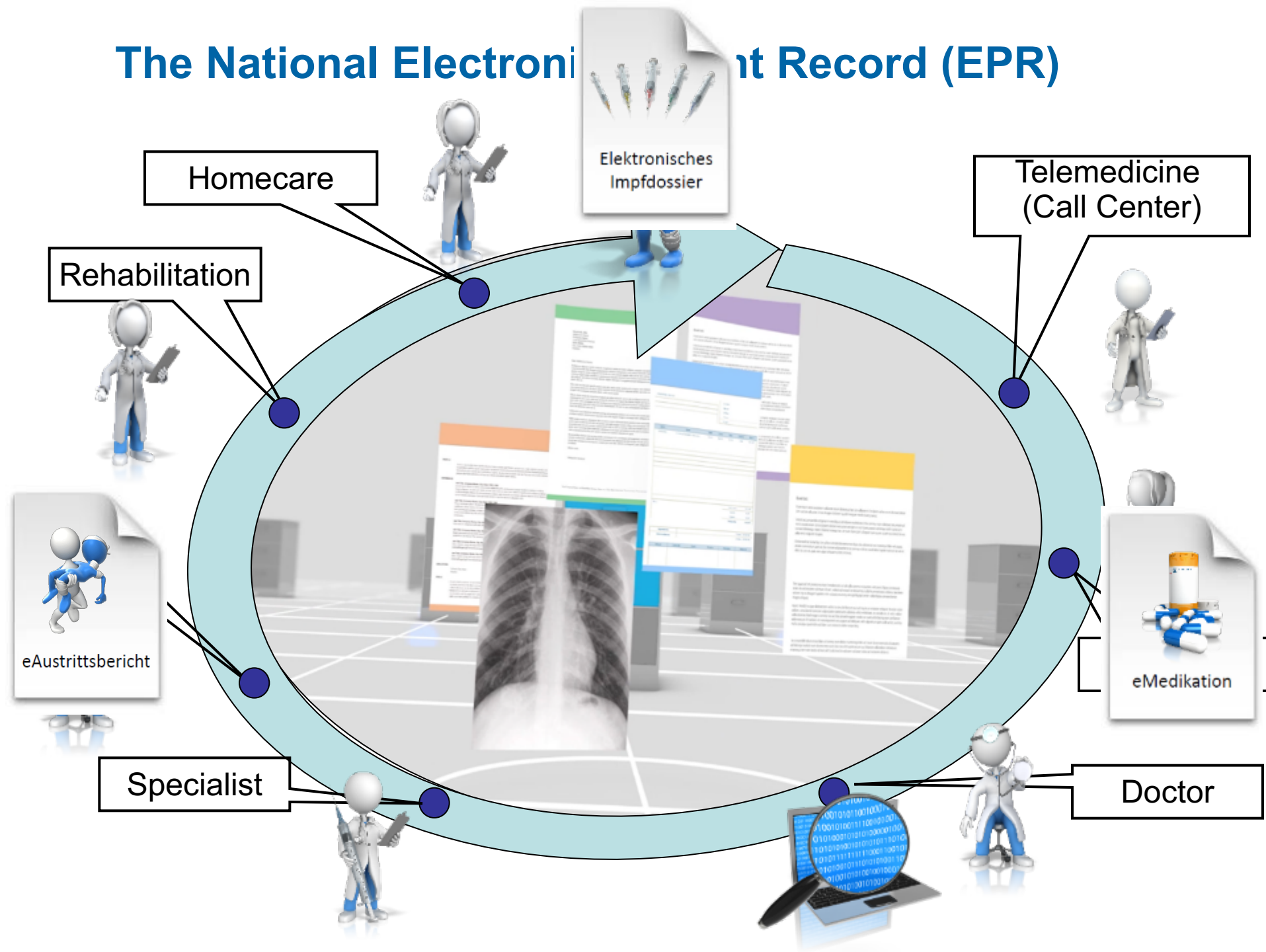# eHealth Suisse – national coordination since 2008

- Plan for the implementation of the „eHealth Strategy for Switzerland"
- Definition of an architecture and of standards;
- Coordination between cantonal projects;
- Establish a technical "reference environment" for testing
- …
- …

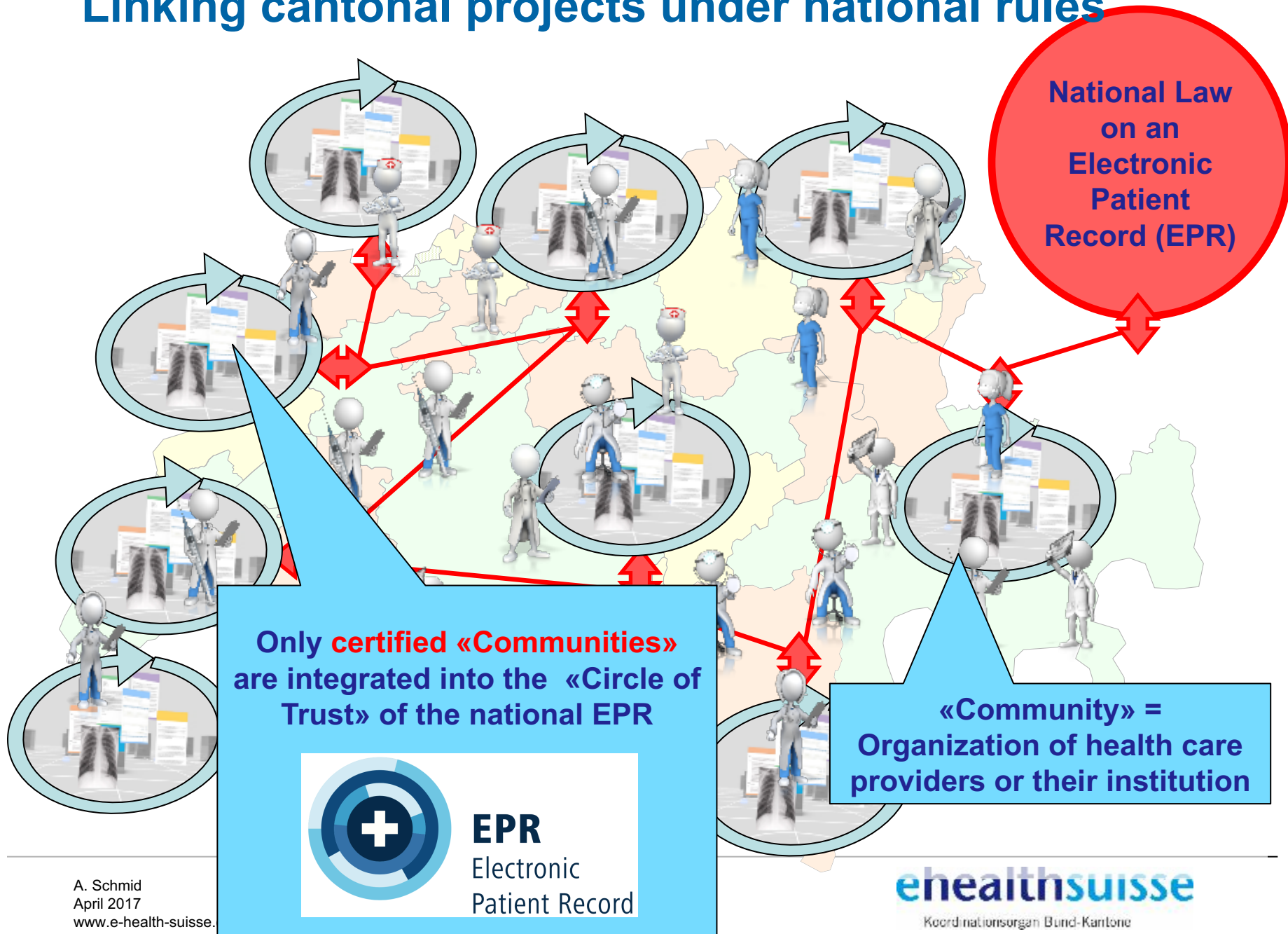✓ **The project**

✓ **Services and IHE profiles**

✓ **Testing strategy**

✓ **Testing: Tools and plans**

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The project

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Koordinationsorgan Bund-Kantone

The National Electronic Patient Record (EPR)

Homecare

Rehabilitation

Elektronisches Impfdossier

Telemedicine (Call Center)

eAustrittsbericht

eMedikation

Specialist

Doctor

Linking cantonal projects under national rules

National Law on an Electronic Patient Record (EPR)

Only **certified «Communities»** are integrated into the «Circle of Trust» of the national EPR

EPR
Electronic Patient Record

«Community» = Organization of health care providers or their institution

A. Schmid
April 2017
www.e-health-suisse.

ehealthsuisse
Koordinationsorgan Bund-Kantone

The EPR-Law is valid by April 15th 2017

Transition period for health professionals until they have to be connected to a «Community»:

- Hospitals: 3 years (April 2020);

- Nursing homes: 5 years (April 2022);

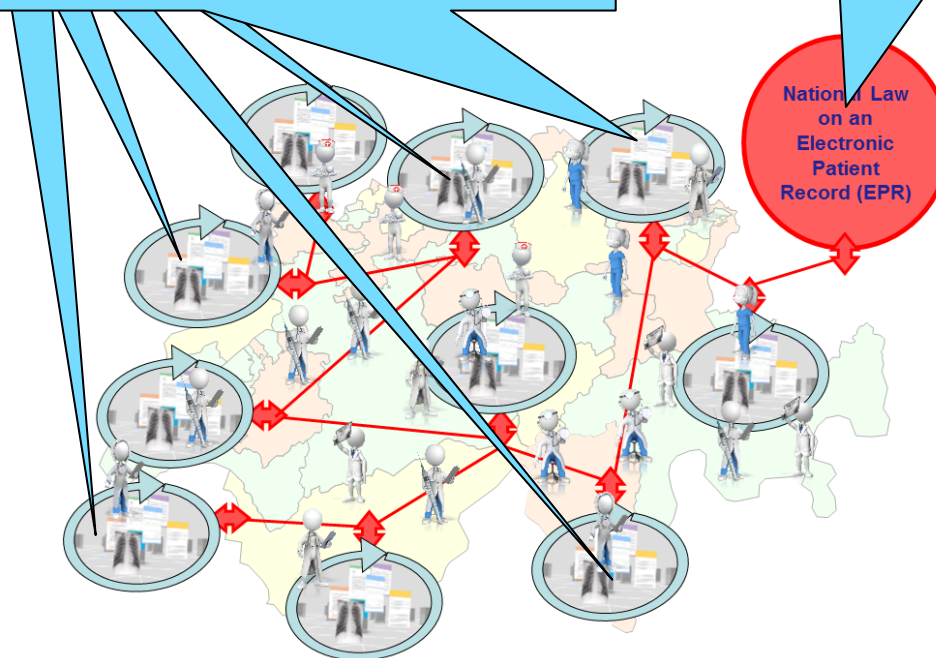- Outpatient care: Voluntary

- Citizens / patients: Voluntary

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Services and IHE profiles

Decentral and central services

Community Services

- Patient Identification
- Health Professional Identification
- Access rights
- Document Repositories
- Document Registries
- Patient Portal
- Health Professional Portal

Central Services

- Unique Patient Number
- Community Index
- Health Care Provider Index
- Metadata Index

National Law on an Electronic Patient Record (EPR)

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IHE Integration Profiles

IT-Infrastructure and Radiology Technical Framework

XCA-(I)	Cross-Community Access XCA (-Imaging)
XCPD	Cross-Community Patient Discovery
XUA	Cross Enterprise User Assertion
HPD	Healthcare Provider Directory
XDS(-I).b	Cross-Enterprise Document Sharing (-Imaging)
PDQ / PIX	Patient Demographics Query, Patient Identifier Cross-referencing
ATNA/CT	Audit Trail and Node Authentication, Consistent Time
SVS	Sharing Value Sets
ITI Suppl	XDS Metadata Update
XDM	Cross-Enterprise Document Media Interchange

National Extensions

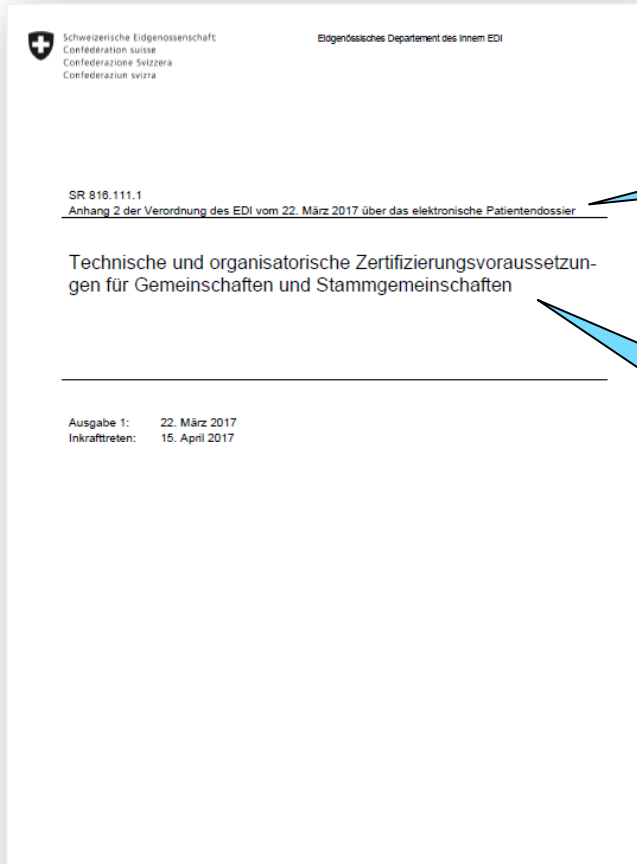|	
CH:ATNA	Swiss Requirements on ATNA, XDS.b and CT for Audit Trail Consumption
CH:PIX	Swiss Requirements on PIXv3
CH:PDQ	Swiss Requirements on PDQv3
CH:PIDD	Swiss Requirements on HPD for Replication
CH:XCPD	Swiss Requirements on XCPD for Cross-Community Patient Discovery
CH:XUA	Swiss Requirements on XUA for XDS, ADR and PPQ

National Integration Profiles

CH:ADR	Authorization Decision Request
CH:PPQ	Privacy Policy Query

Testing strategy

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EPR-Law defines the transactions for communities

"Technical and organizational certification requirements for communities"

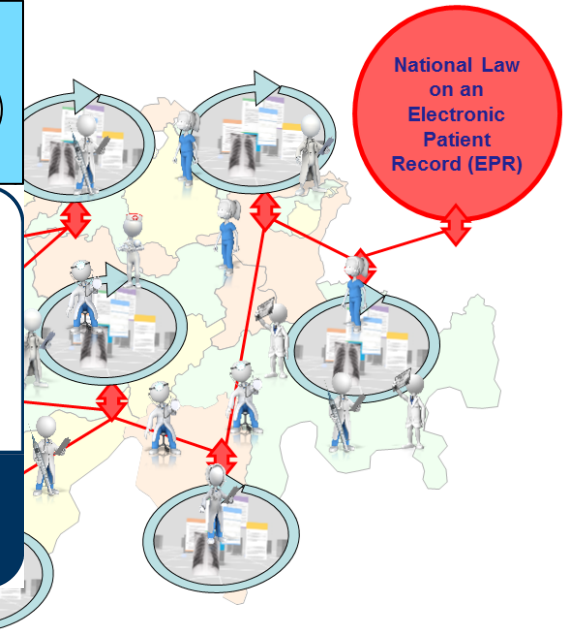Deployment-Certification of communities

National Law on an Electronic Patient Record (EPR)

Testing: Tools and plan

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From unbinding "testing" to "certification"

Step 1

Communities (or their providers) are encouraged to participate at the IHE CAT

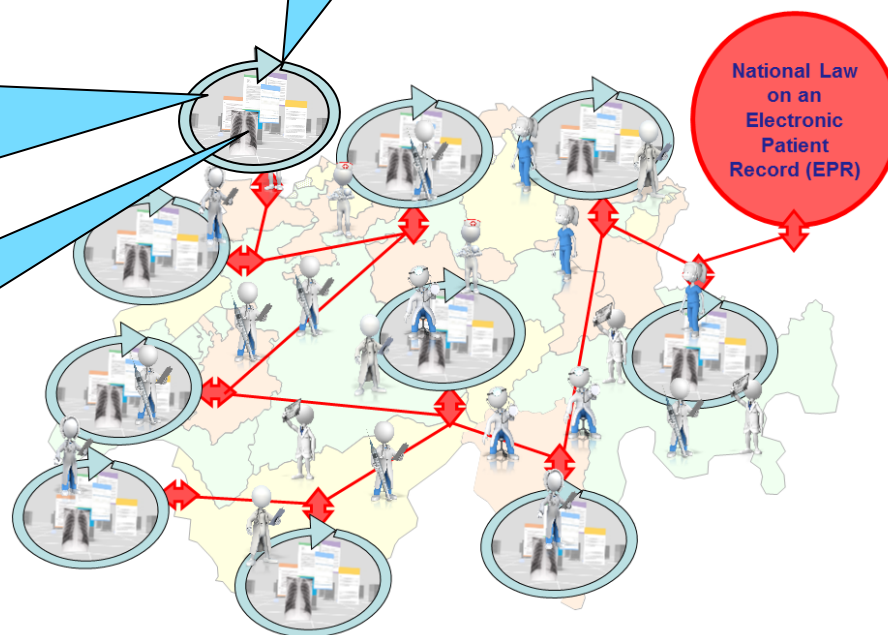**Step 2**

A "reference environment" is being established to allow communities a non binding testing (with EPD-Projectathon in September 2017)

Step 3

A defined section of the "reference environment" is handed over to the certification body for the formal certification-process

National Law on an Electronic Patient Record (EPR)

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Summary

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Testing / Certification

EPD elektronisches Patientendossier

Zertifiziert nach Bundesgesetz über das elektronische Patientendossier

- Preparatory work in the communities (political, organizational, technical provider(s), etc.)

- Setting up the "reference environment" with IHE Services

- Starting unbinding online-testing for communities

- On-site-testing (EPD-Projecathon, 25th to 29th of September 2017 in Bern)

- Handing over a "Certification Environment" to the official certification body

- Start certification of the first communities **(arount mid 2018)**

Thank you!