

Introductory Webinar Digital Health Projectathon 2026



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Kompetenz- und Koordinationsstelle
von Bund und Kantonen

Centre de compétences et de coordination
de la Confédération et des cantons

Centro di competenza e di coordinamento
di Confederazione e Cantoni

Program

Time	Speaker	Issue
1-1.05PM	S. Wyss, eHealth Suisse	Welcome The Digital Health Projectathon 2026: A look back and another one ahead
1.05-1.15PM	M. Becher, FOPH	The Digital Health Projectathon 2026 and DigiSanté: Let's build the future ground for the data management in the healthcare sector – the power of the many
1.15-1.25PM	A. Schmid, IHE Suisse	Interoperability by testing: The multiple benefits of Projectathons
1.25-1.35PM	D. Kotlaris, eHealth Suisse	EPR testing options at the Digital Health Projectathon 2026
1.35-1.45PM	M. Fritschi, Federal Chancellery (BEG)	AGOV/e-ID testing options at the Digital Health Projectathon 2026
1.45-1.55PM	S. Neuenschwander, eHealth Suisse	Terminology server testing options at the Digital Health Projectathon 2026
1.55-2PM	M. Becher, FOPH	Sum up, questions, information about registration for Digital Health Projectathon 2026

1. Welcome - The Digital Health Projectathon 2026: A look back and another one ahead (S. Wyss, eHealth Suisse)



The Digital Health Projectathon 2026: A look back... (I)

- First Projectathon held in 2017 at Campus Liebefeld
- First collective and organized testing for the national Electronic Patient Record
- Background: Legal EPR entered into force in 2017
- Hospitals had to connect until 2020, care homes until 2022
- Principle of certified communities, several technical platforms
- Called «EPR-Projectathon»
- Test platform: Reference environment of eHealth Suisse
- Test types: no peer (simulators, validators), peer 2 peer, group tests



The Digital Health Projectathon 2026: A look back...(II)

- Further national Projectathons 2018-2021 at the Eventforum in Bern
- 2018/2019 Specific Swiss EPR testing offer at European IHE Connectathon in Den Haag (NL) and Rennes (F)
- 2022 Co-organization of Projectathon with IHE Connectathon in Montreux
- 2023-2024 Projectathon again at Eventforum Bern, less participants: First technical testing need completed; less investment confidence in national EPR project
- Always with parallel conference program



The Digital Health Projectathon 2026: ...and another look ahead (I)

- Testing scope opening of Projectathon began in 2024
- Co-reason: Start of the DigiSanté program
- First service beyond EPR could be tested at Projectathon 2024: Reporting of communicable diseases to the FOPH
- Same in 2025, additionally AGOV solution testable with embedded Beta e-ID



The Digital Health Projectathon 2026: ...and another look ahead (II)

- Proof of concept in 2024/25: Projectathon format viable for testing of any service
- DigiSanté projects in operational mode since 2026
- Basic Idea: Use of Projectathon as permanent test lab for services elaborated in DigiSanté
- Therefore renaming of event to «Digital Health Projectathon» in 2025
- Testable at Digital Health Projectathon 2026: EPR, AGOV/e-ID, terminology server
- The latter serves the whole federal level and was elaborated within DigiSanté

2. The Digital Health Projectathon 2026 and DigiSanté: Let's build the future ground for the data management in the healthcare sector – the power of the many (M. Becher, FOPH)



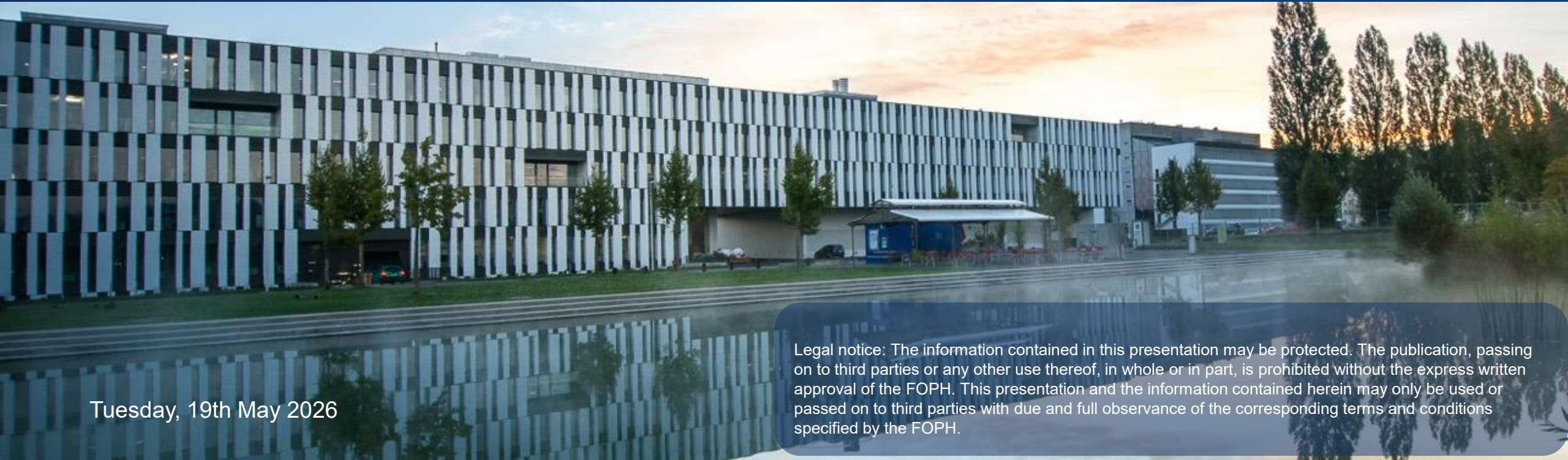
Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Federal Department of Home Affairs FDHA
Federal Office of Public Health FOPH
Federal Statistical Office FSO



DigiSanté

Webinar Projectathon 2026



Tuesday, 19th May 2026

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Agenda

Why we are here today.

1. Classification
2. Perspectives
3. Takeaway

Classification and background

Classification: Which system(s) are we talking about?

The Swiss healthcare system

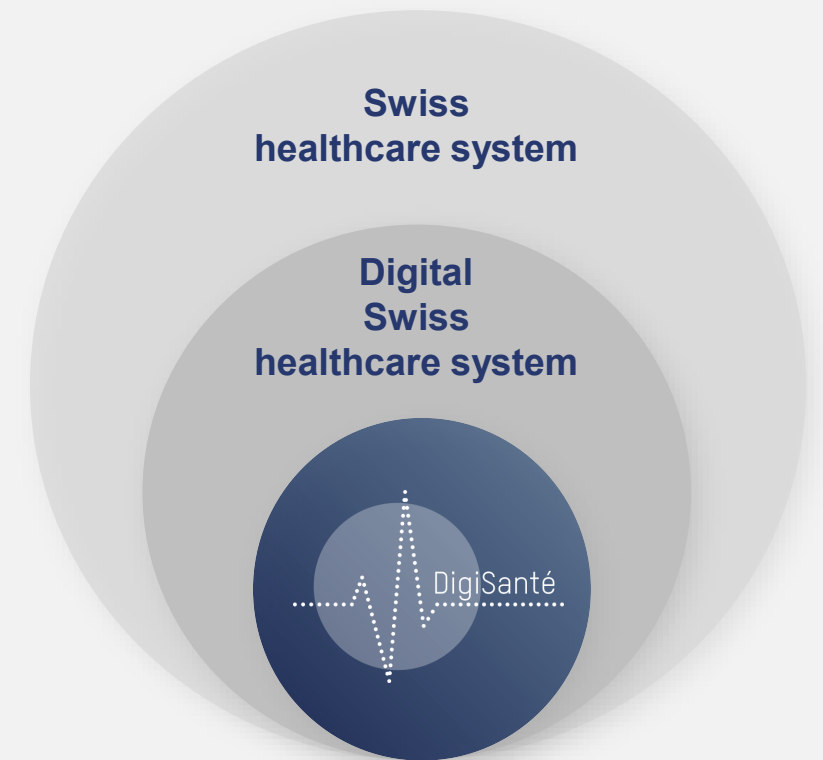
- People in Switzerland live in an environment that is conducive to health, regardless of their state of health and socio-economic status. They benefit from a modern, high-quality and financially sustainable health system.

The digital Swiss healthcare system

- The players in the Swiss healthcare sector use modern systems and interoperability has been implemented nationwide.
- People are empowered to deal with their medical and health technologies in an appropriate manner.

DigiSanté: a programme aimed at promoting the digital transformation in the healthcare system

- DigiSanté promotes the implementation of the Swiss Health Data Space in cooperation with stakeholders in the healthcare system.
- DigiSanté establishes digital and standardised health-related services of the federal government and in doing so facilitates efficient day-to-day work.
- The broad use of a secure health data space by all stakeholders supports the provision of high-quality treatment within our modern healthcare system and improves both public services and research conducted in the interests of all people.



Perspectives

Consideration of the four strategic goals in the overall context

Stakeholders

Heterogeneous stakeholder field (with respective stakeholders having particular interests, including within the groups)

Considerable need for coordination and orchestration – between the Federal Administration and the stakeholders, as well as between the stakeholders themselves

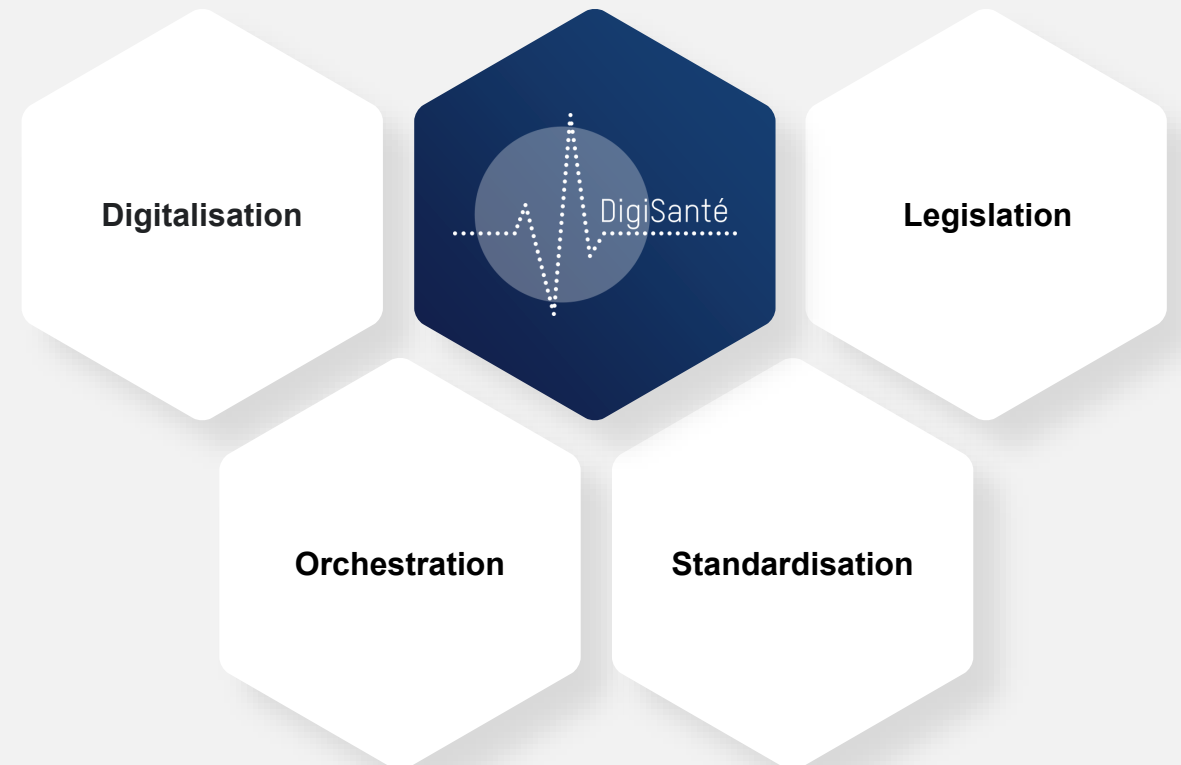
Appeal of DigiSanté: established standards and specifications allow for the seamless, nationwide exchange of data

The secure and responsible **secondary use** of health data for planning, management and research purposes is made easier



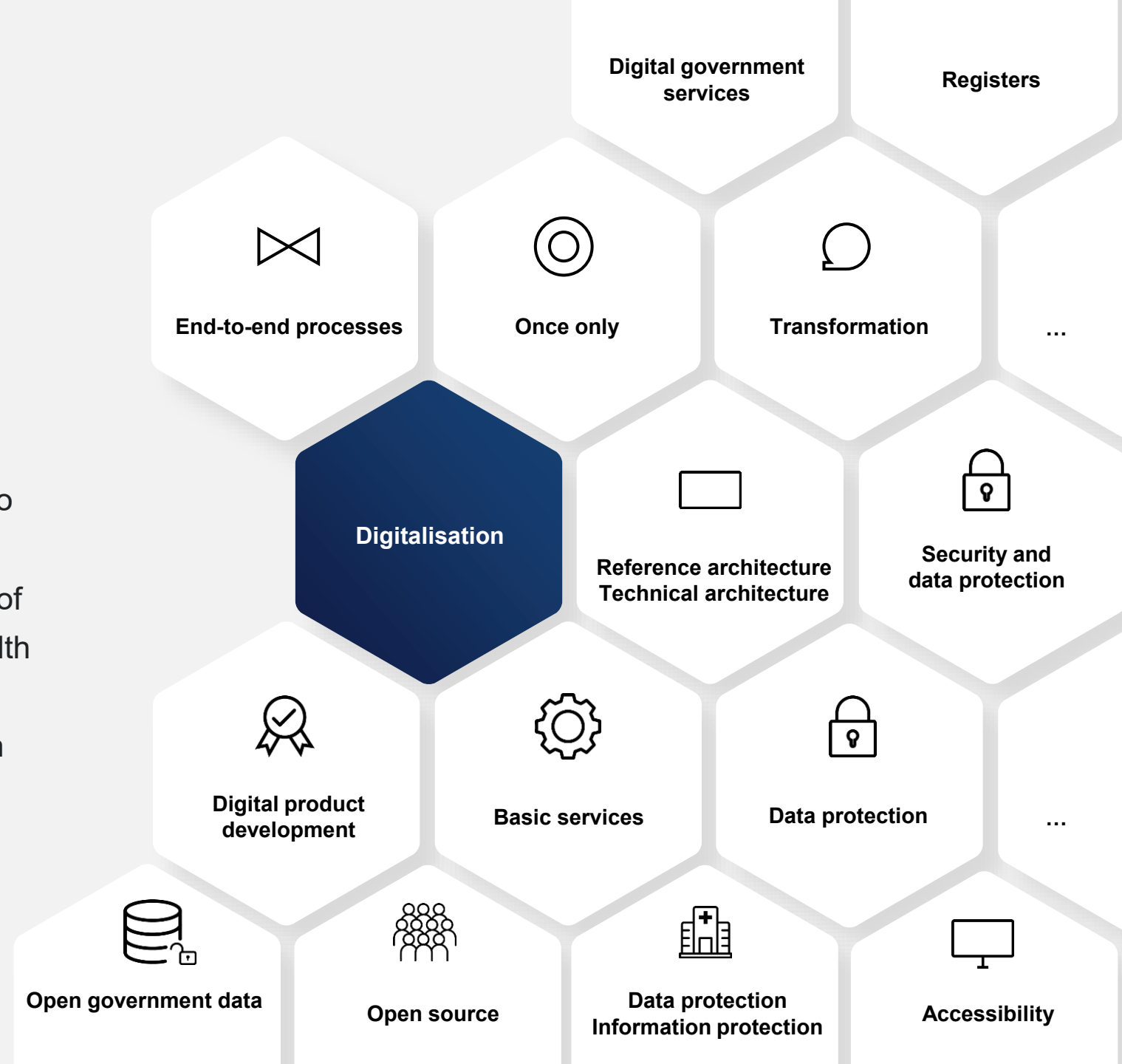
Four strategic goals

The programme's goals take account of the specific context of the Swiss healthcare system. DigiSanté should also tap into **synergy effects** with existing projects, such as the electronic patient record (EPR). Furthermore, during the implementation of DigiSanté, **international developments** will also be analysed and, where necessary and appropriate, taken into account.



Digitalisation

The **basis required** for a successful digital transformation in the healthcare sector is developed, while **concrete projects** aimed at benefiting healthcare and the stakeholders who provide it are implemented: by the federal government and the cantons within the scope of their powers and by patient organisations, health leagues, service providers, insurers, product suppliers and research institutions, each within their own area of responsibility.





Swiss Health Data Space

SwissHDS project

Why do we need a health data space?

Many aspects of healthcare in Switzerland have already been digitalised. But these are far too inadequately interlinked:

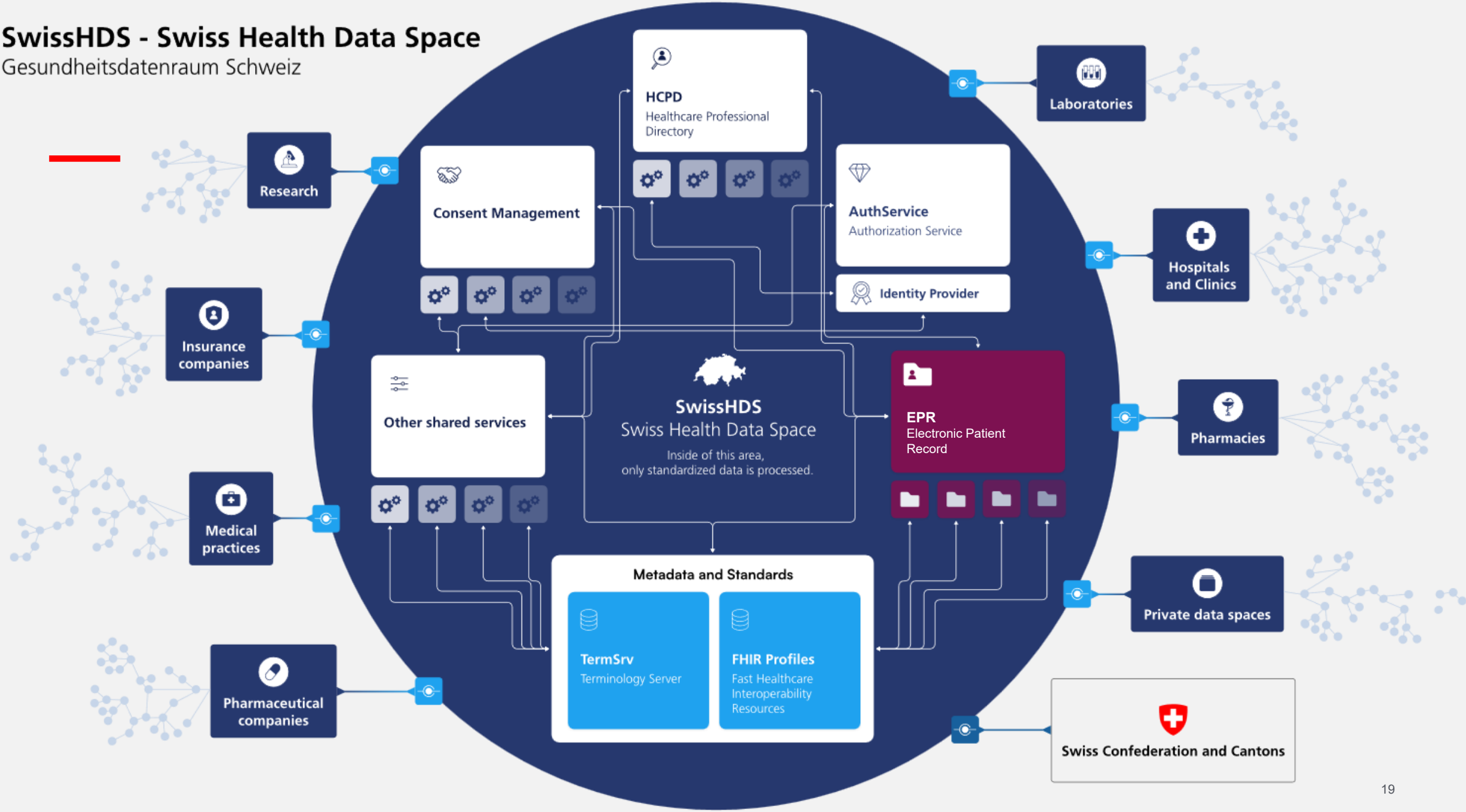
- We still have **countless media discontinuities** and time-consuming manual processes that require far too many clicks
- We need more system automation to significantly reduce the **administrative workload** of our health professionals

By **establishing and operating** a Swiss health data space

- the Swiss Confederation can provide **nationwide services and infrastructures** ensuring seamless and discontinuity-free data exchanges between the Confederation and stakeholders, and among the stakeholders themselves.

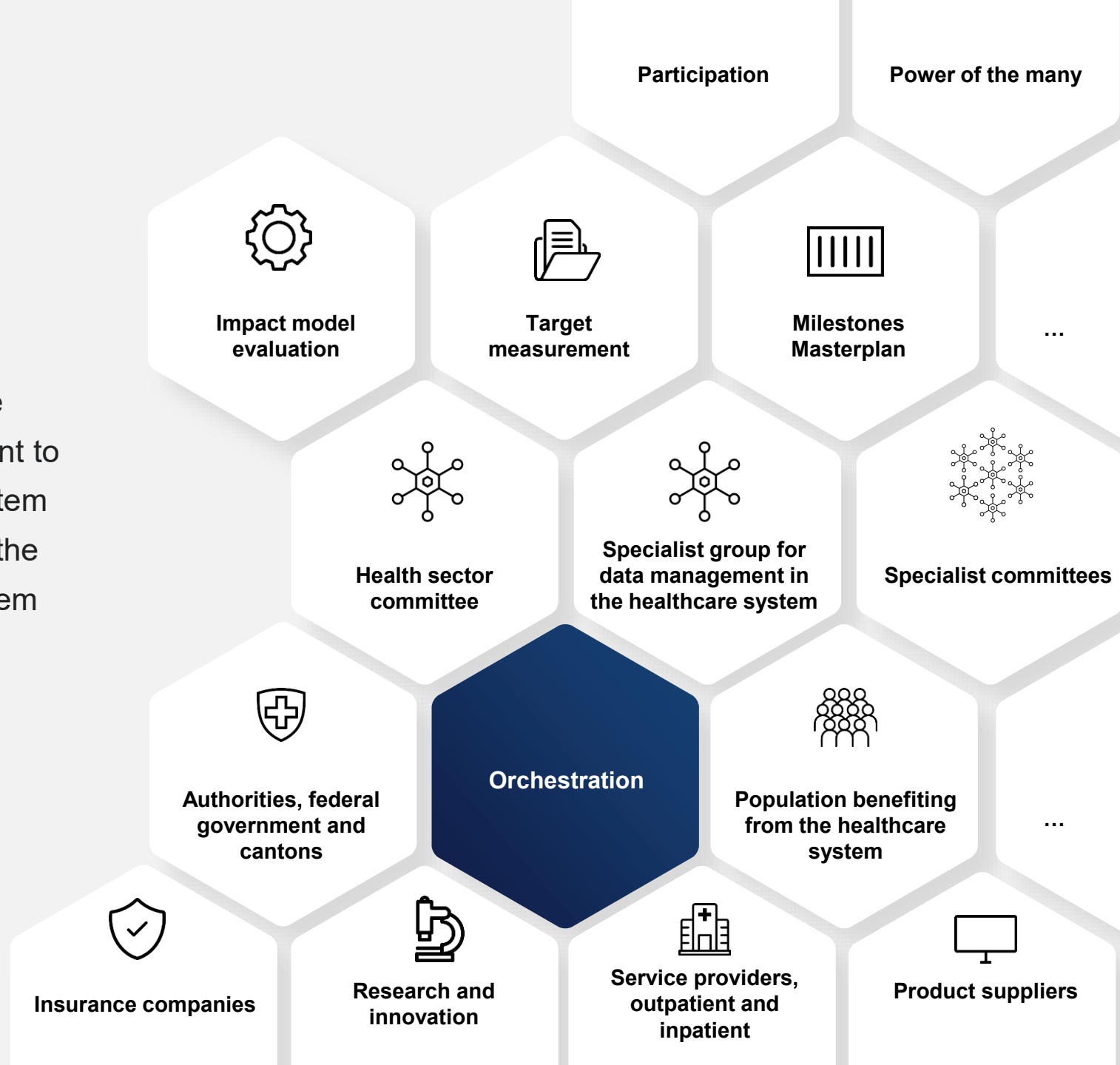
SwissHDS - Swiss Health Data Space

Gesundheitsdatenraum Schweiz



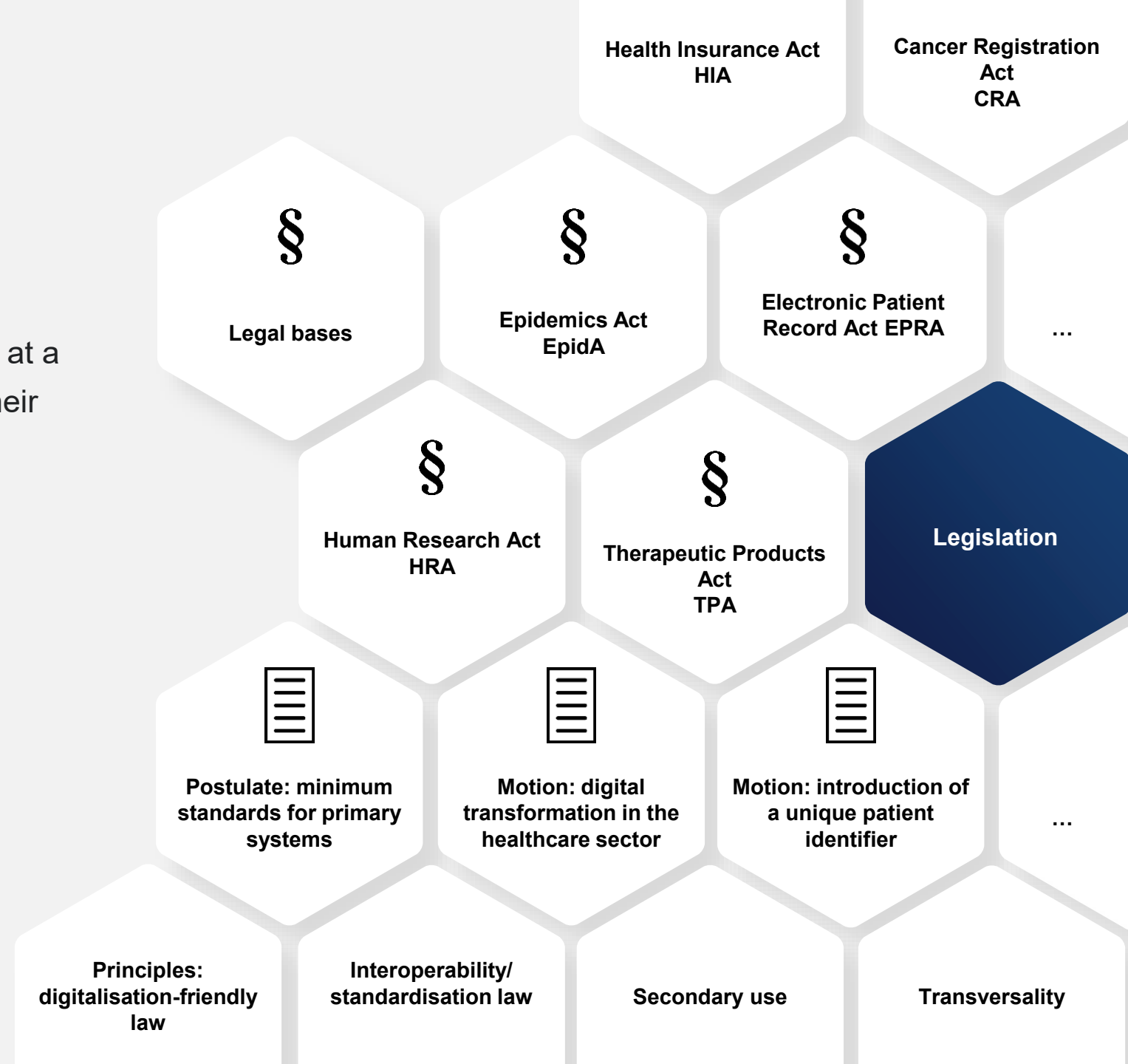
Orchestration

The activities for implementing the **digital transformation in the healthcare system** are harmonised so as to strengthen the commitment to achieving common goals and enhance the system impact. The programme organisation involves the relevant stakeholders from the healthcare system in an appropriate manner.



Legislation

Legal bases to be amended or newly created at a cantonal and federal level are identified and their creation or adaptation has been completed or initiated.



Standardisation

The **secure and seamless exchange** of data between players in the healthcare system is established, and the effectiveness and efficiency of healthcare is improved through data-based service provision.

Standardisation is developed in collaboration with eHealth Switzerland.

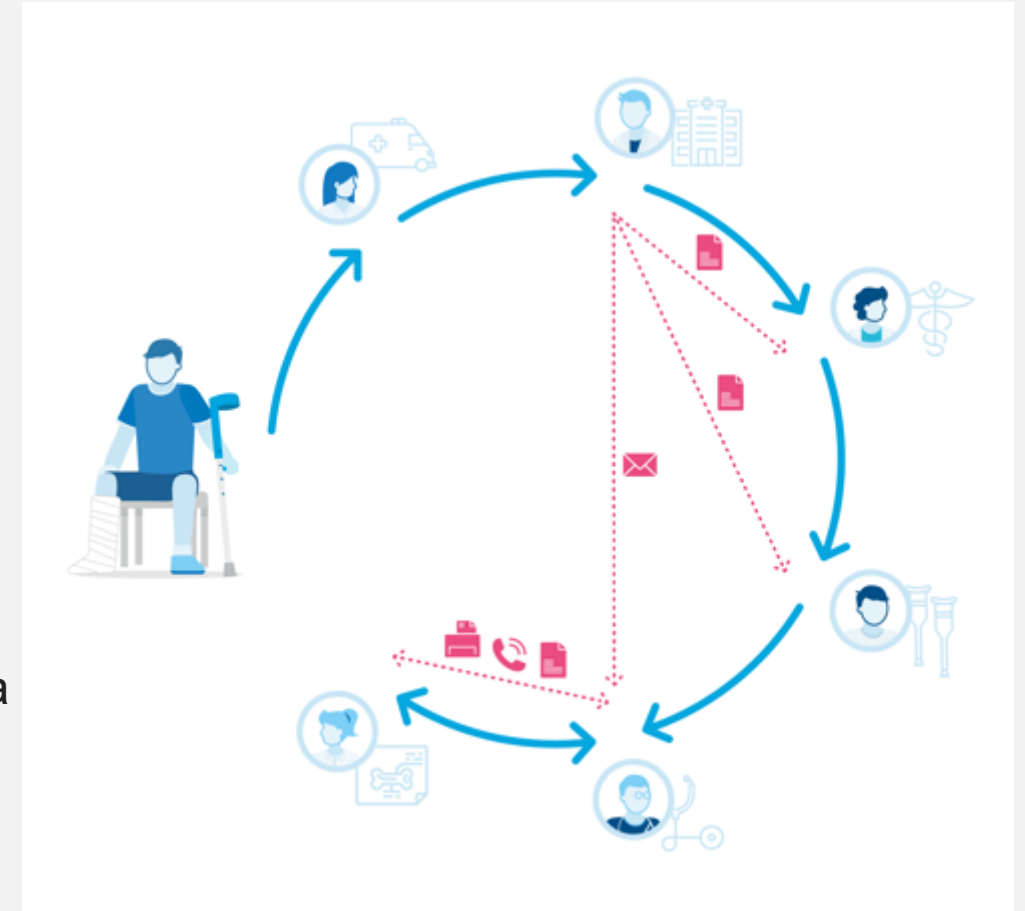
Expected standards

SNOMED CT, ICD10/11, LOINC, CHOP
HL7 FHIR, IHE, GS1, DICOM
openEHR, IDMP



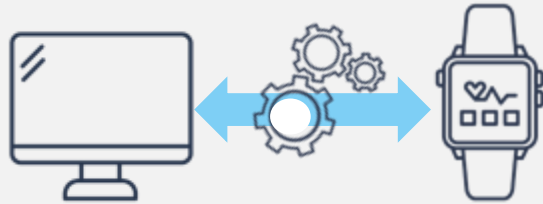
Information pathways in the health system

- Professionals often lack access to the relevant information
- IT systems are only partly compatible
- Data is often transmitted manually
- Incomplete information:
 - Repeated/duplicate patient testing
 - Patient frequently has to repeat case history
 - Professionals have to repeatedly record the same data (→ source of errors)



How can these challenges be addressed?

Standardised interfaces



Uniform data formats



**Machine-readable language
(intelligent coding)**

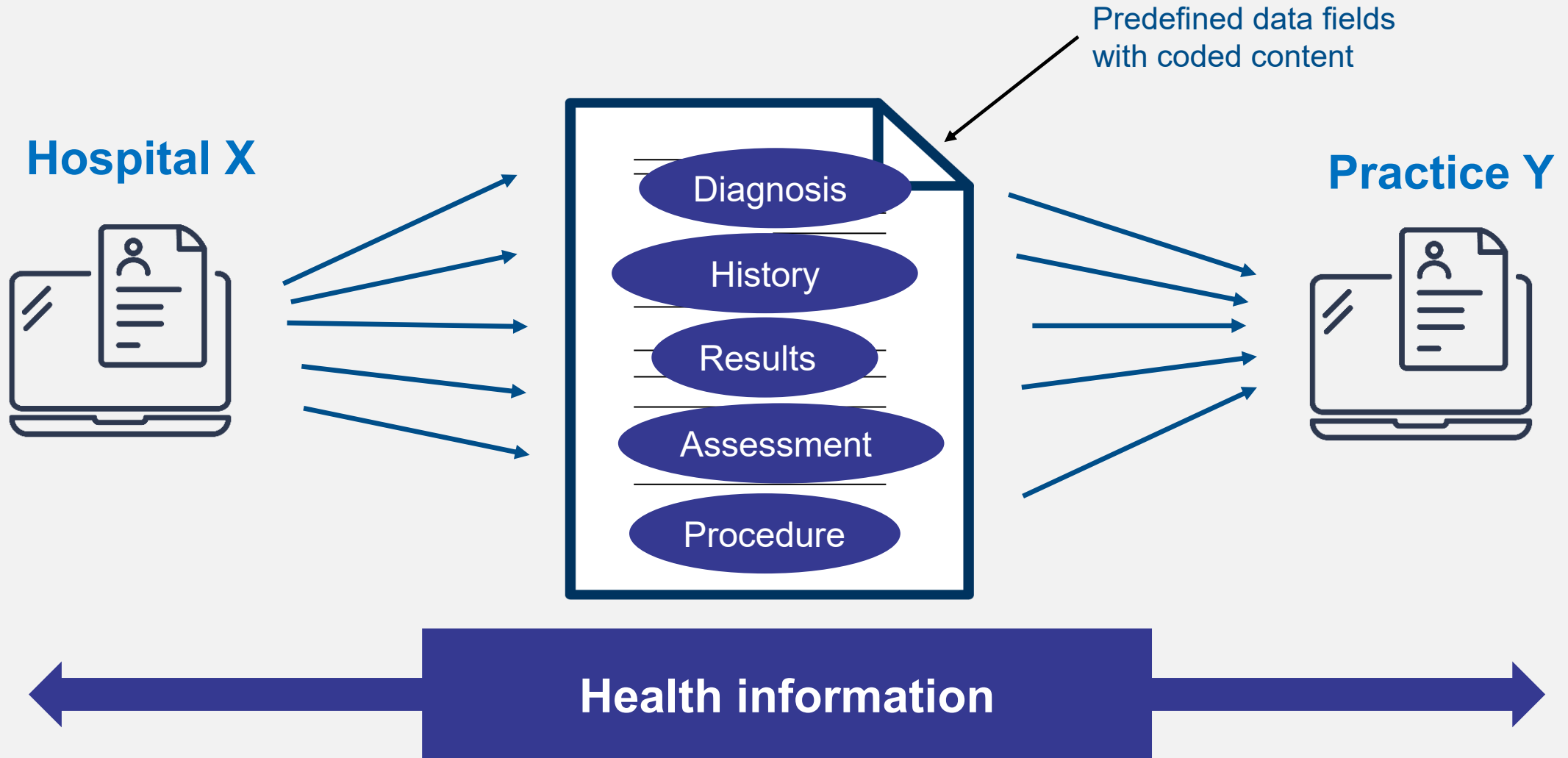


Unique identifier



This allows data to be exchanged between different computer systems

How can information be transmitted securely and efficiently?

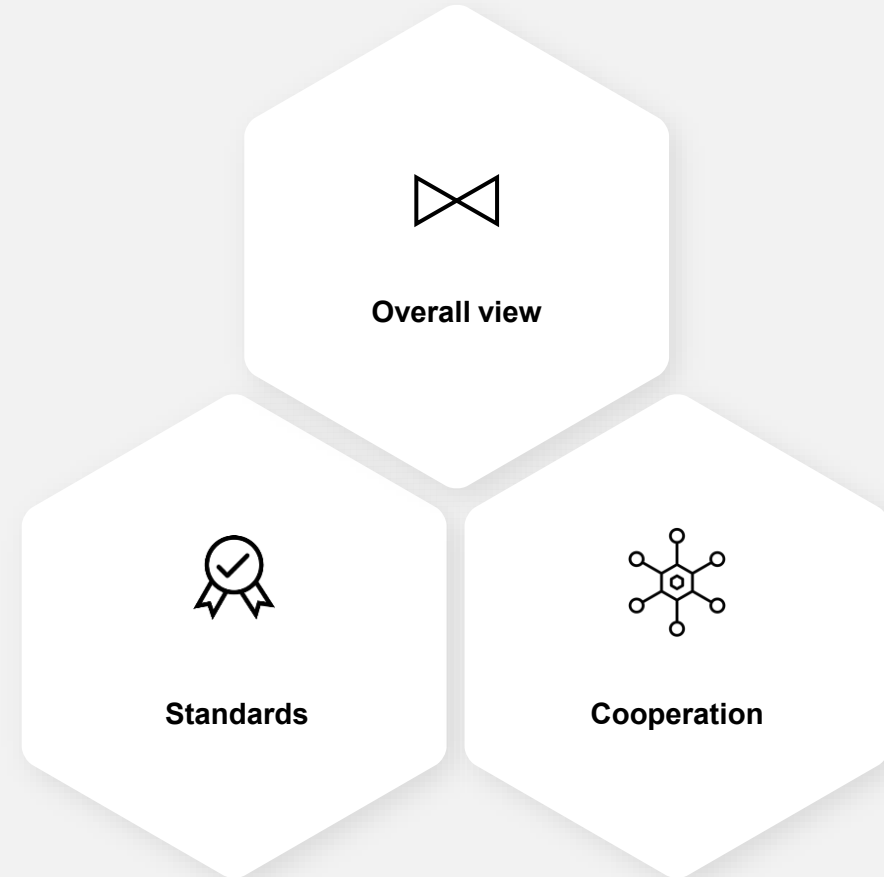


Takeaway messages

Adopt an **overall view**: It is not “only” about digitalisation, but about a digital transformation process (creating added value) with an end-to-end perspective, synergy utilisation and a transversal view.

Standards and interoperability requirements are key and are to be defined within the framework of the programme.

Complex programme with multiple axes, heterogeneous stakeholder groups and many interdependencies: **skilful cooperation** between all stakeholders will be key to success.

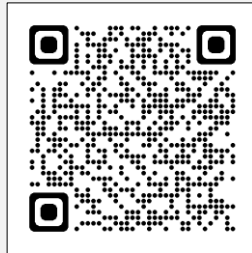


Projectathon 2026

- Projectathon has a crucial role therein, testing scope opening will continue
- Various forms of testing events feasible (on site, online, mixed, higher frequency of testing slots, test lab and more)
- The FHIR standards guarantees a certain investment security (technical continuity EPD, E-GD, SwissHDS)
- The Specialist group for data management in the healthcare system (DigiSanté) officially recommends the use of the FHIR standard
- Let's build the future ground for the data management in the healthcare sector with the power of the many
- Join the community and this year's Digital Health Projectathon
- Get ready for the future SwissHDS

Thank you for your attention

[DigiSanté
explanatory film
\(available in German, French
and Italian\)](#)



[DigiSanté website
\(available in German,
French and Italian\)](#)



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Federal Department of Home Affairs (FDHA)
Federal Office of Public Health (FOPH)
Federal Statistical Office (FSO)

3. Interoperability by testing: The multiple benefits of Projectathons (A. Schmid, IHE Suisse)



Interoperability by testing: The multiple benefits of Projectathons

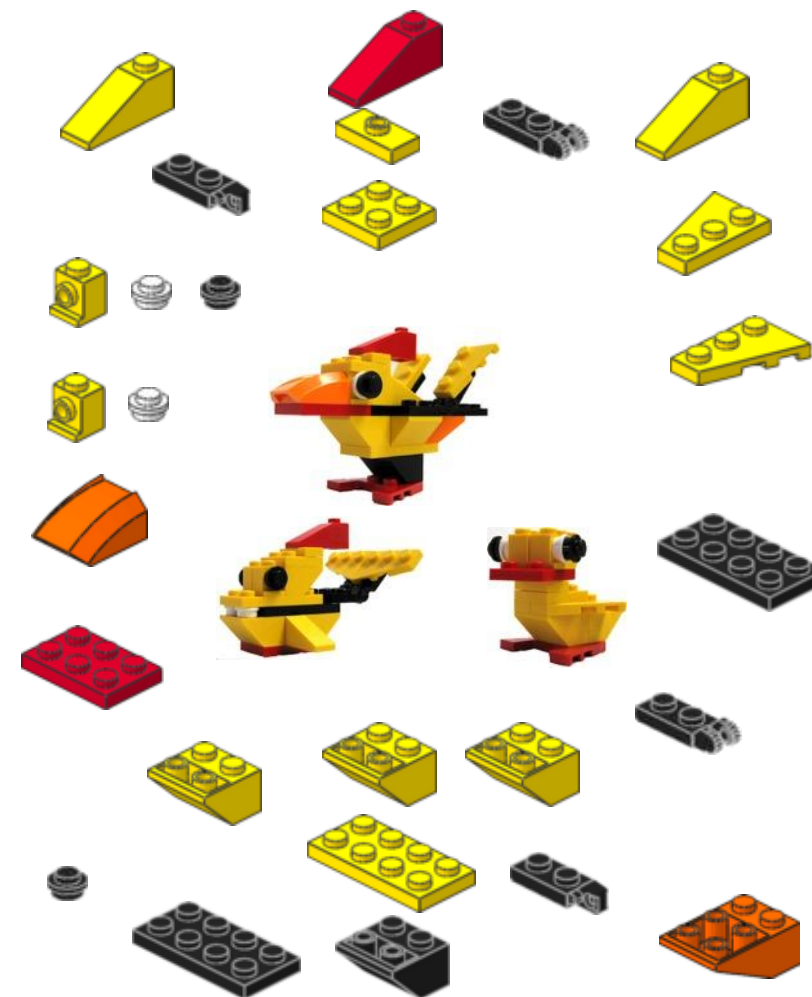
Adrian Schmid, President IHE Suisse

Profiles of IHE

- IHE stands for «**Integrating** the Healthcare Enterprise».
- IHE is formally not a standards organization.
- IHE describes how **existing standards** such as HL7, DICOM, LOINC, or SNOMED work together in practice
→ «**IHE-Profile**»
to support interoperability (seamless communication)
- IHE Suisse is the **National organization** in Switzerland (since 2010)

IHE Deployment Committees Worldwide

- + Europe
- + North America
- + Asia Pacific
- + Middle East



Test events are part of IHE's approach to integration

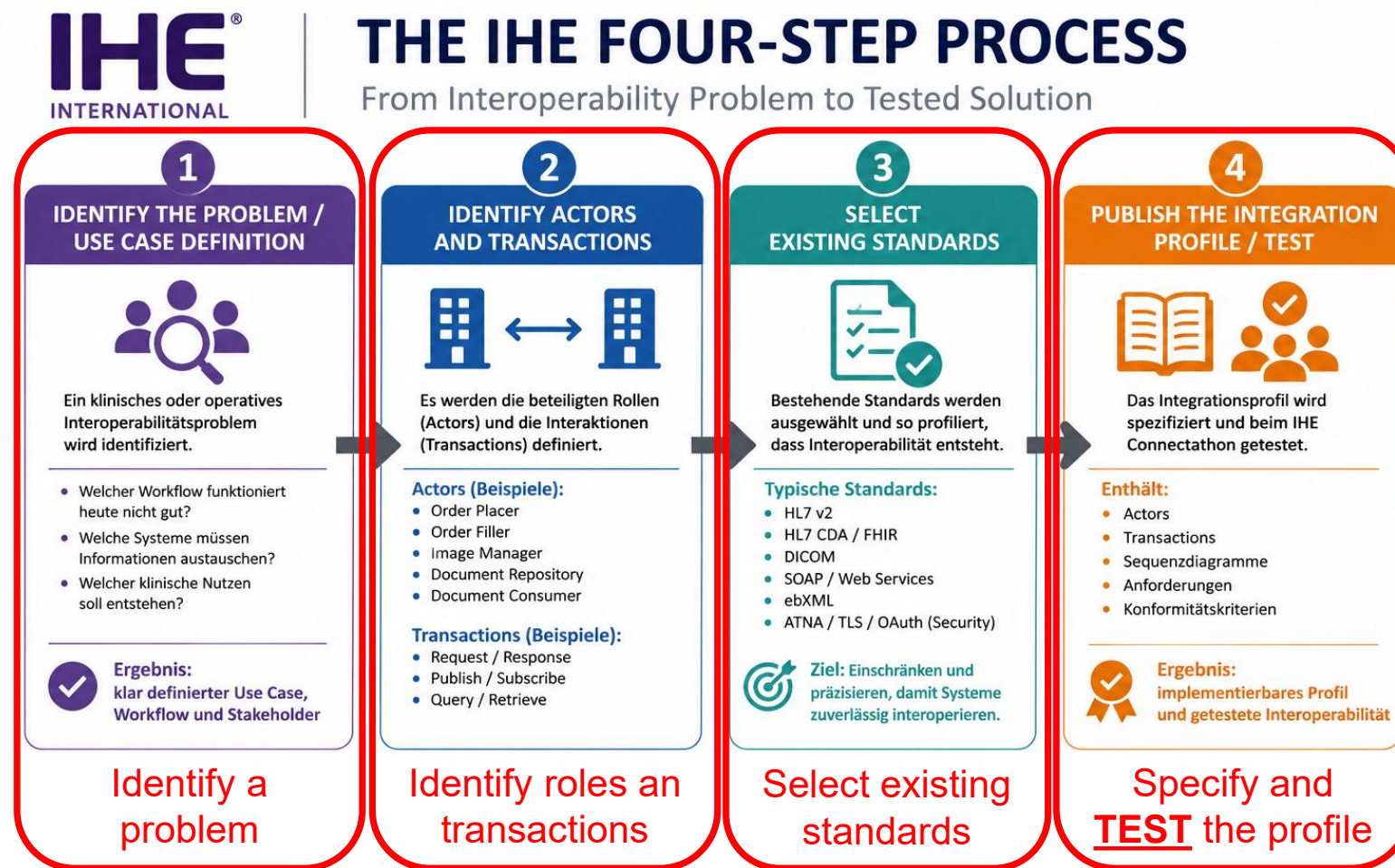


«Connectathons»
Testing IHE-Profiles



«Projectathon»
Project-based interoperability tests

Testing events are an important step towards interoperability



- **No Peer-Test**
(no communication partner)
It checks basic requirements/specifications
- **Peer-to-Peer**
(between two systems)
Focus on the correct interaction with exactly one counterpart
- **Group Test**
(multiple systems/participants)
End-to-end test in a complete workflow

Test events are part of IHE's approach to integration



➡ „ You start connecting systems by connecting the people that build them“

Benefits for participants



4. EPR testing options at the Digital Health Projectathon 2026 (D. Kotlaris, eHealth Suisse)

Digital Health Projectathon 2026

- General information on our website
- Test focus for 2026:
 - New FHIR interfaces for the EPR (alternative to current SOAP interfaces)
 - New national exchange formats
 - EPR testing with or without AGOV / e-ID (Beta-ID)

Terminology server & AGOV/e-ID details: see next sessions

Digital Health Projectathon

Digital Health Projectathon 2026

Real-world testing for interoperability

Digital Health Projectathon 2026

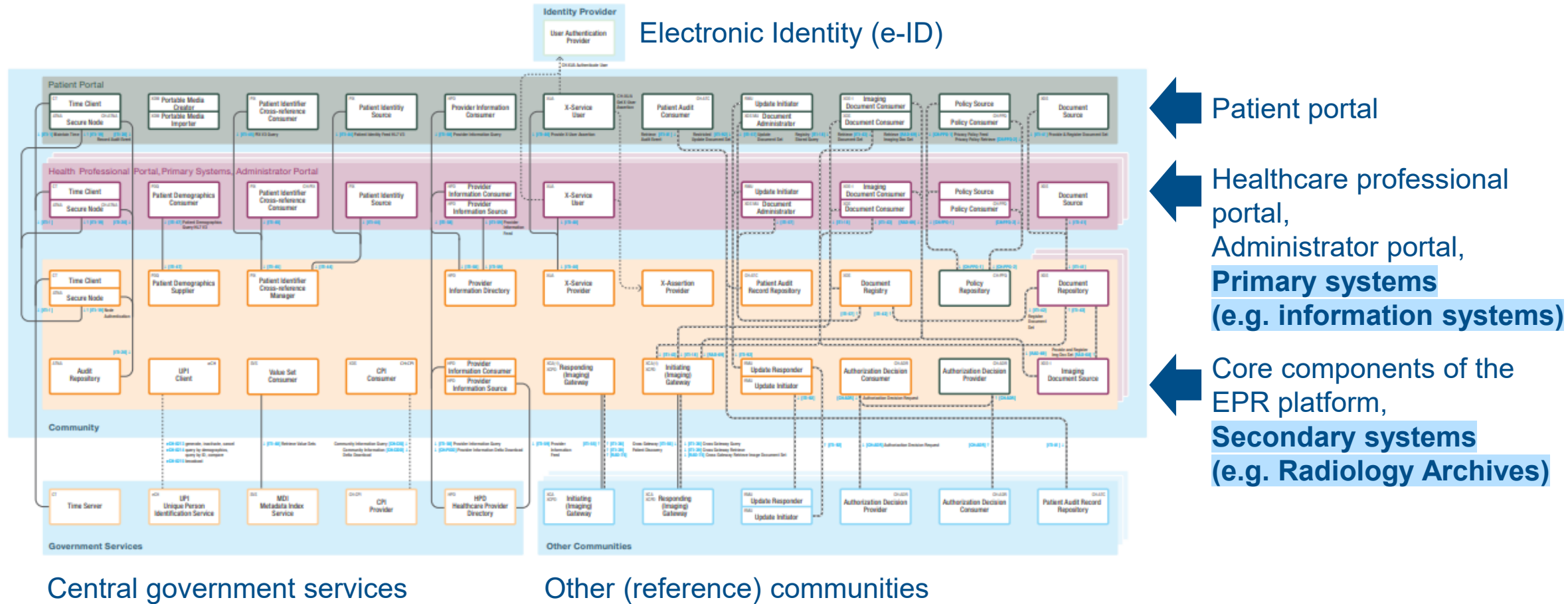
The Digital Health Projectathon provides a unique opportunity for providers of eHealth solutions and IT-Systems for healthcare institutions, laboratories and EPR communities to test the compatibility of their service with the national exchange formats based on international standards, national projects from the DigiSanté programme, the EPR and AGOV (with or without e-ID).



Overview EPR architecture

Swiss Electronic Patient Record (EPR)

Overview of IHE Integration Profiles, National Extensions and National Integration Profiles



Test scope: EPR interfaces and exchange formats

Overview of IHE Integration Profiles, National Extensions and National Integration Profiles

IHE Profiles (Annex 5), CH:Extension (Annex 5, Ammendment 1)

ATNA	Audit Trail and Node Authentication
CT	Consistent Time (basic functionality)
HPD	Health Provider Directory
PDQV3	Patient Demographics Query HL7 V3
PIXV3	Patient Identifier Cross-referencing HL7 V3
RMU	Restricted Metadata Update
SVS	Sharing Value Sets
XCA	Cross-Community Access
XCA-I	Cross-Community Access for Imaging
XCPD	Cross-Community Patient Discovery
XDM	Cross-Enterprise Document Media Interchange
XDS	Cross-Enterprise Document Sharing
XDS-I	Cross-Enterprise Document Sharing for Imaging
XDS MU	Document Metadata Update
XUA	Cross-Enterprise User Assertion

National Integration Profiles (Annex 5, Ammendment 2.x)

CH:ADR	Authorization Decision Request
CH:CPI	Community Portal Index
CH:PPQ	Privacy Policy Query

eCH

213, 214, 215	Unique Person Identification Service
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Electronic Authentication Means and Their Issuers (Annex 8)

PP	Protection Profile for Authentication Means
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Exchange Formats (Annex 4)

CH AllergyIntolerance	Allergy Intolerance Document
CH EMED	Medication Card document
CH EMED	Medication Prescription document
CH EMED	Medication Treatment Plan Document
CH EMED	Medication Dispense document
CH EMED	Medication List document
CH EMED	Pharmaceutical Advice document
CH EPREG	Electronic pregnancy passport
CH ERM	Emergency card
CH eTOC	Transition of Care
CH IPS	International Patient Summary
CH LAB Order	Laboratory Order
CH LAB Report	Laboratory Report
CH RAD Order	Radiology Order
CH VACD	Immunization Administration document
CH VACD	Vaccination Record document
CH VACD	Immunization Recommendation Request message
CH VACD	Immunization Recommendation Response message

FHIR based integration profiles (CH EPR FHIR)

CH:ATC	Audit Trail Consumption
CH:PPQm	Privacy Policy Query for Mobile
IUA	Internet User Authorization
mCSD	Mobile Care Services Discovery
MHD	Mobile Access to Health Documents
PDQm	Patient Demographics Query for Mobile
PIXm	Patient Identifier Cross-referencing for mobile

In focus 2026:

CH VACD (eVaccination)
CH EMRS (eNotfallpass, New)

Also new / updated:

CH Core, UMZH Connect IG,
CH ALIS Informative Ballots

Update for 2026

NEW for 2026

Source: e-health-suisse.ch/technik/epd-projectathon

EPR specifications: where to find what

DEVELOPER FAST-TRACK

EPR by example

What developers need to do to implement the EPR interfaces — without reading the full specifications. Includes links to the EPR Reference Environment and EPR Playground for early-stage testing.

ehealthsuisse.github.io/EPR-by-example

OVERVIEW

All EPR specifications

Comprehensive overview of all EPR specifications, IHE profiles, exchange formats and legal bases of the EPR.

e-health-suisse.ch/specs

FHIR DIRECT

CH EPR FHIR IG

FHIR Implementation Guide for the Swiss EPR — the binding reference for FHIR-based testing in 2026.

fhir.ch/ig/ch-epr-fhir

Swiss Digital Health Gazelle platform

Home

Welcome to the Swiss Digital Health Gazelle platform

Test Management
Access to test design application to create, edit tests of Gazelle
[Open application](#)

Validation portal
Validates your documents with validation portal service.
[Open application](#)

Message Capture
Browse the messages captured by the Gazelle Proxy.
[Open application](#)

Simulation Portal
A simulation portal to access all simulation services.
[Open application](#)

By using **Gazelle**, you agree to the [CGU](#).

Gazelle services

Name	Description	Access
Conformity services		
Matchbox	Matchbox is an open source initiative to support testing and implementation of FHIR-based solutions and to map or capture health data into HL7® FHIR®.	Open application

What the platform offers

Swiss-adapted IHE Gazelle — the EPR Reference Environment

- **Gazelle Test Management** — register, run, log tests
- **Test catalog** — test cases for all relevant use cases
- **Simulators** — for EPR services
- **Validators** — documents, messages, FHIR resources

TEST MODES IN GAZELLE

No Peer (against simulators) • **Peer-to-Peer** (against another system) • **Group** (multi-system scenarios)

➔ <https://ehealthsuisse.ihe-europe.net/gazelle/home>

Summary: Resources for Projectathon participants

General information

e-health-suisse.ch/.../real-world-testing-the-epr

Specifications and developer resources

e-health-suisse.ch/specs — overview of all EPR specifications

fhir.ch/ig/ch-epr-fhir — FHIR based EPR interfaces: “CH EPR FHIR” Implementation Guide

ehealthsuisse.github.io/EPR-by-example — developer fast-track

Testing infrastructure

ehealthsuisse.ihe-europe.net/gazelle/home — Swiss Digital Health Gazelle platform

eid.admin.ch — *e-ID (Public Beta) & AGOV (see next session)*

5. AGOV/e-ID testing options at the Digital Health Projectathon 2026 (M. Fritschi, Federal Chancellery / BEG)

Projectathon 2026 AGOV Angebot



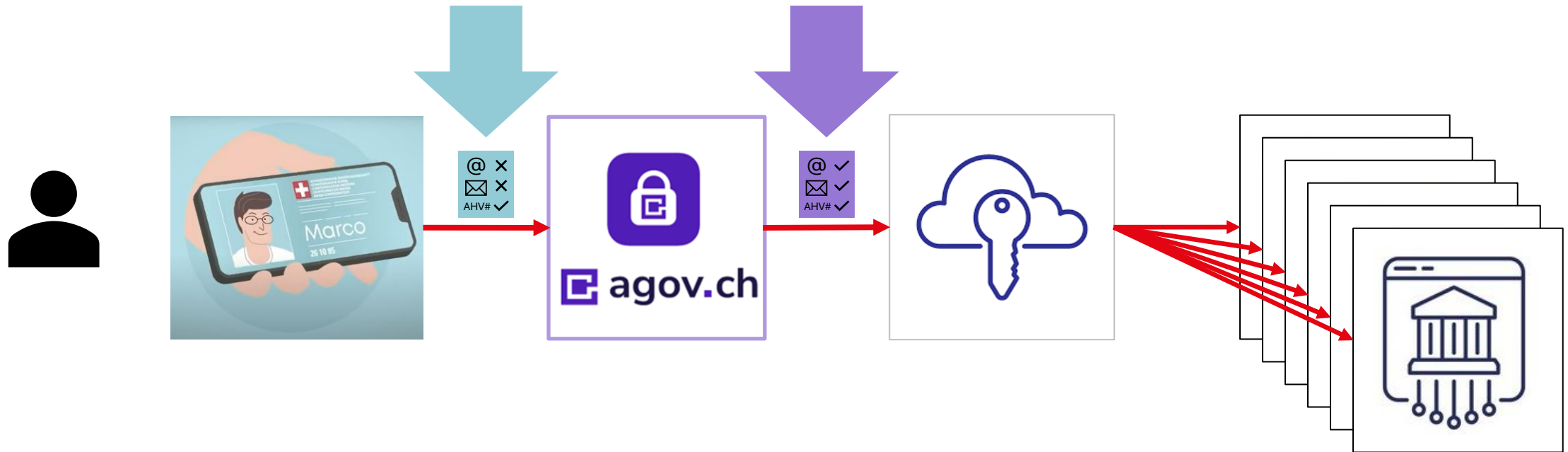
Direkte AGOV-Integration via SAML/OIDC



E-ID Integration via AGOV

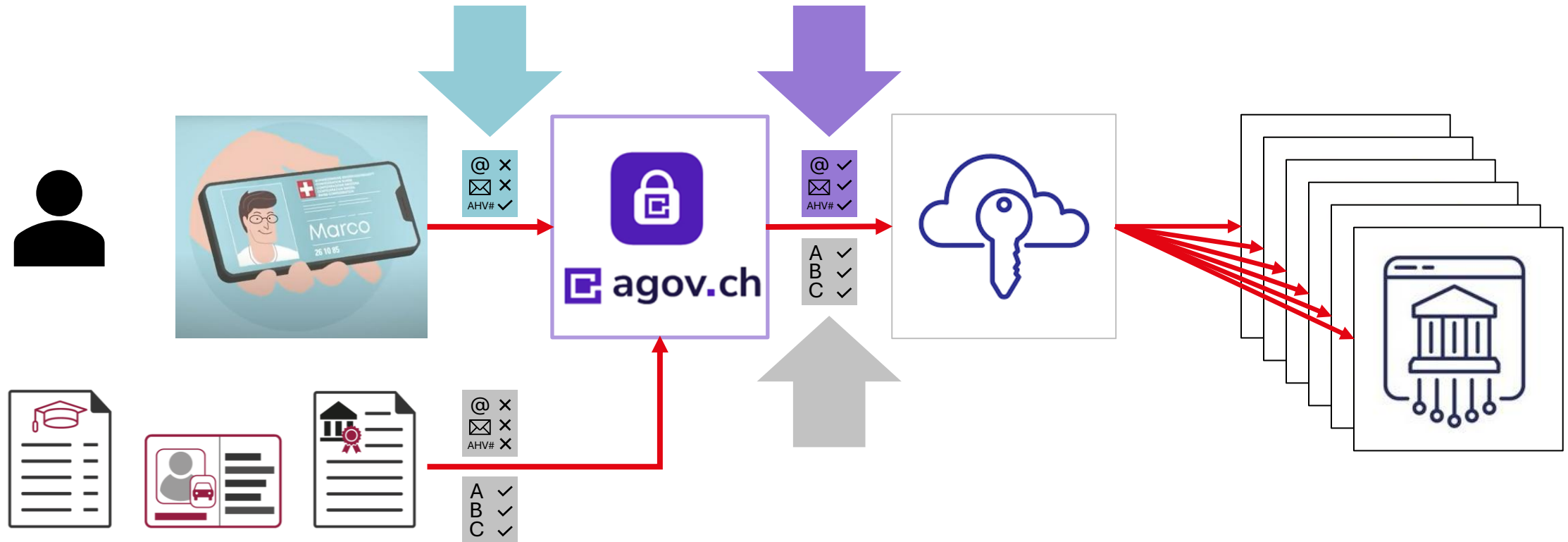
Szenario e-ID und AGOV sowie Daten Attribute Übergabe

Arbeitsunterlage
Stand 13.05.2026



Wichtige Daten Attribute welche
übermittelt werden können

Möglicher Ausbau des Szenario e-ID & AGOV mit VC-basierte Attributübermittlung sowie Attribute Propagation via Security Token an die Fachapplikation



@ x @ ✓ @ x A ✓
✉ x ✉ ✓ ✉ x B ✓
AHV# ✓ AHV# ✓ AHV# x C ✓

Wichtige Daten Attribute welche
übermittelt werden können

Kontakt

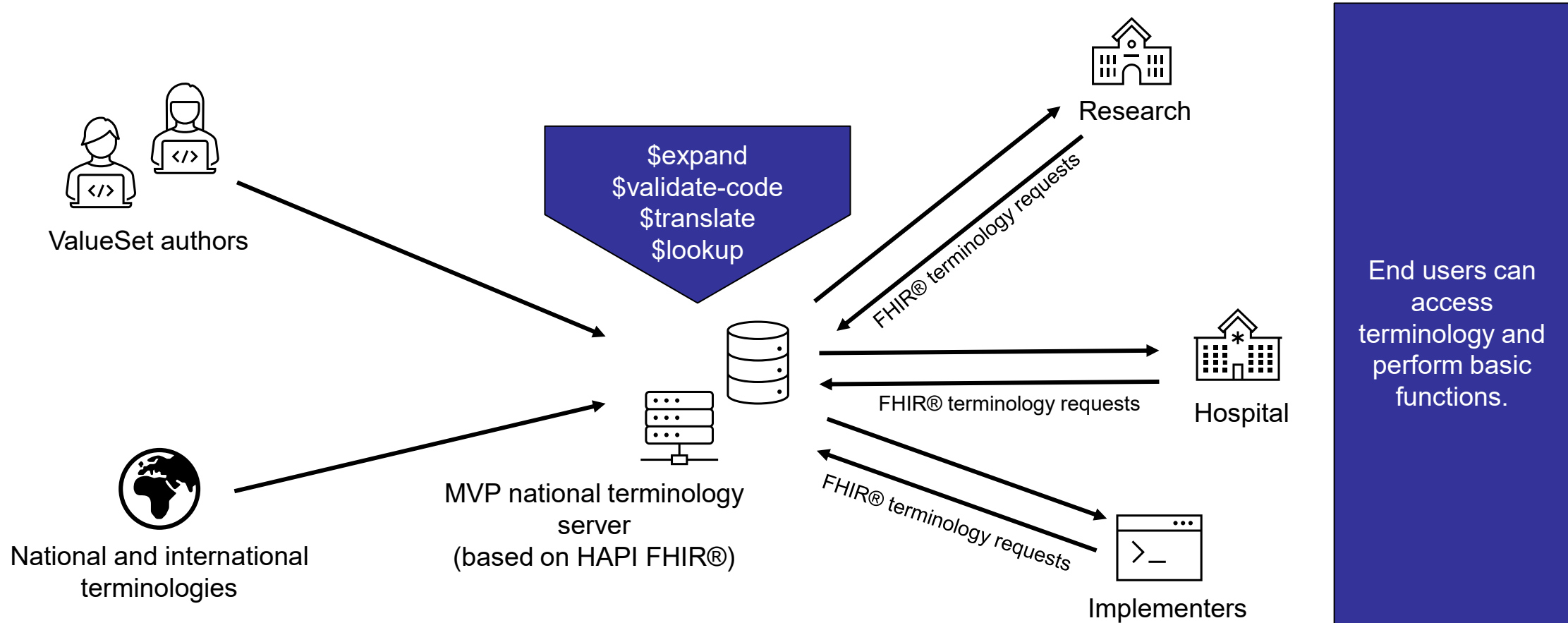


AGOV Think Tank

thinktank@agov.ch

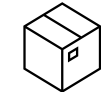
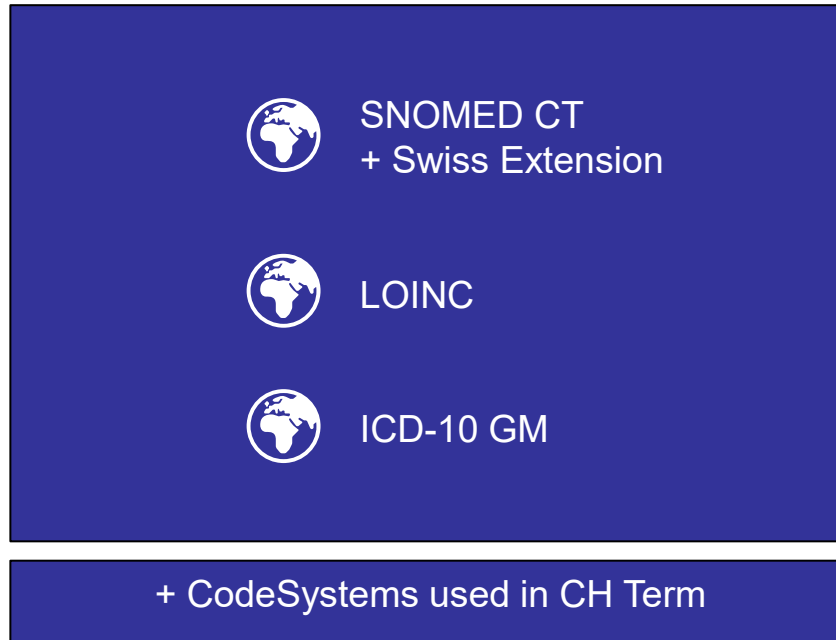
6. Terminology server testing options at the Digital Health Projectathon 2026 (S. Neuenschwander, eHealth Suisse)

National terminology server MVP - functionalities

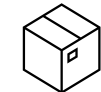


MVP = Minimum Viable Product

National terminology server MVP – existing content



CH Term



CH VACD

Test cases

The terminology server will be made available at the Digital Health Projectathon for testing five specific test cases:

\$expand

An explicit list of codes defined by a ValueSet.

This operation serves as the basis for other FHIR operations.

\$validate-code

Checks if a specific code exists within a given CodeSystem or ValueSet.

\$lookup

Detailed information about a code from a CodeSystem, such as its display term, definition, properties, and designations.

\$translate

Translating codes from one code system into an equivalent or related code in another code system

Test scope

Out of scope. Participants do not need to:

- Implement a terminology server
- Import terminology resources
- Host CodeSystems or ValueSets themselves
- Configure terminology operations

→ All terminology content and operations are provided by the national terminology server.

Participants only need:

- Access to the provided terminology endpoint
- Bruno or Postman
- The provided collection

Test cases

- All tests are based on standardized interoperability scenarios. Participants send predefined FHIR® terminology requests to the provided terminology server and validate the returned responses.
- All tests are using ValueSets, CodeSystems and ConceptMaps from the vaccination exchange format CH VACD
- *Info: Tests included in the 2026 projectathon will focus on persisted FHIR® resources (CodeSystems, ValueSets, ConceptMaps). Hence, in-memory operations as for example used by the terminology [tx-ecosystem](#) tests are not in scope.*

See full documentation and testing steps: [Edition 2026 · SwissHDS/swiss-hds-terminology-provider Wiki · GitHub](#)

7. Sum up, questions, information about registration for Digital Health Projectathon 2026 (M. Becher, FOPH)

Thank you and see you at the Digital Health Projectathon 2026

Questions? Contact stefan.wyss@e-health-suisse.ch