

DIGITAL HEALTH PROJECTATHON

Final Report 2025 Edition



General organisation

The Projectathon is a test week for medical IT systems that was inspired by the IHE-Europe Connectathon. While the IHE Connectathon aims to test a wide range of international standards and profiles, the Swiss Projectathon focuses on the profiles and standards used by national digital health projects to support the interoperability of services in Switzerland.

After eight editions, the EPR Projectathon opened the testing scope to more digital health projects from the Confederation, while retaining the interoperability tests for the Electronic Patient Record (EPR). To accompany this transition, the event was renamed "Digital Health Projectathon". It kept its mode of operation (unique testing platform; independent, peer-to-peer and group testing), its organisational principles and its general objectives of networking and exchanging knowledge across companies, as well as strengthening the IHE implementation guidelines and HL7 standards.

The Digital Health Projectathon took place from the 16th to the 18th of September 2025 at the Eventforum in Bern with 17 participating firms. Due to the limited number of registrations for the event, the organizing team decided to concentrate the programme into three days with a focus on efficiency.

The event was organised by eHealth Suisse in collaboration with the Federal Office of Public Health (FOPH) and IHE Suisse. The AGOV test session was organised jointly by eHealth Suisse and the Federal Chancellery. Two guided tours were organised to inform the wider public about the importance of interoperability between digital health solutions, the evolution of national projects and the technical testing done at the Projectathon.



Organisation team: eHealth Suisse, Federal Office of Public Health FOPH, IHE Suisse, Federal Chancellery

Supported by the Federal Office of Information Technology, Systems and Telecommunication (FOITT) and the Central Compensation Office (CCO)

Dates: 16th - 18th September 2025

Testing venue: Eventforum Bern

Opening hours: 8 AM to 6 PM

Testing hours: 9 AM to 5 PM

Communication channels: Websites digital-health-projectathon.ch, eid.admin.ch, digisante.ch; Google Group «Digital Health Projectathon»; ZULIP Plattform; Newsletters of eHealth Suisse and IHE Suisse; three webinars in June and July by IHE Catalyst

Preparation: The pre-Projectathon test phase lasted from 1st July to the 12th September 2025.

Fees: 350 Swiss francs per person, including testing, social event, food and beverages.

Network: Swisscom Broadcast, as a subcontractor of eHealth Suisse.

Tools and Virtual Machine: EPR profiles and specifications, eHealth Suisse vaccination module, the laboratory profile (CH-ELM) as well as the AGOV and Beta ID Specification were gathered in the same virtual machine, the "Gazelle" Platform. The EPR tests were driven and reported in the Swiss EPR reference environment, which is an instance of the IHE Gazelle toolbox. The physical server was brought on site in order to secure the testing and prevent any risk of a loss of internet connectivity.

Monitors: Monitors are specifications experts who assist participants and verify test cases.

- 5 EPR monitors, led by Oliver Egger (ahdis, HL7 Switzerland) as mandated by eHealth Suisse
- 7 AGOV monitors and technical experts, led by Stefan Minder (Federal Chancellery)
- 2 ELM monitors, led by René Stierli (FOPH)

Staff:

- 3 IHE Experts, managing the Gazelle platform
- 6 employees from eHealth Suisse to coordinate the event and manage the info desk
- 2 guides for the public tours, from IHE Suisse

Technical tests

Testing for the EPR

EPR Communities, EPR data providers, providers of IT solutions for healthcare institutions and other firms had the possibility to test EPR basic transactions and specifications, including those for exchange formats (eVaccination, ePregnancy, eMedication, etc.), as well as the vaccination module. The EPR testing also enables eHealth Suisse and the FOPH to identify potential issues in the test tools, the test plans and the basic EPR specifications.

[List of testable EPR Profiles](#)



Testing for laboratories

The Communicable Diseases Division of the Federal Office of Public Health developed a FHIR API and a FHIR exchange format (CH ELM) to enable laboratories to send electronically their observations of notifiable communicable diseases to the FOPH. This electronic transmission is mandatory as of 2026. The CH ELM exchange format is based on the CH Lab Report from eHealth Suisse. The Communicable Diseases Division FOPH is actively supporting the onboarding of the laboratories. During the event, technicians and developers from laboratories or LIS (laboratory information system) manufacturers could exchange directly with specialists from the FOPH on all practical implementation problems linked to the CH-ELM project, as well as test the ELM format and get direct feedback. They could also get insights into other FHIR projects (e.g. EPR, CH-Lab-Report or CH-Lab-Order).

[FOPH - Infectious diseases requiring notification](#)



Testing for AGOV & e-ID

Governmental agencies (respectively their providers) as well as EPR communities and their technical providers had the opportunity to test the connexion of their solutions with the AGOV authority login service (authentication service for Swiss authorities) and the future national electronic identity (e-ID) based on a simulation (beta ID). The Federal Chancellery issued a certificate for each successful connexion. The Swiss e-ID, which was accepted by the population ("votation") on the 28th September 2025, will be used as an identifier in numerous cantonal and federal online services, including the EPR.

[More information about the future national e-ID](#)



Participating organisations

17 organisations participated with altogether 26 employees. Twelve organisations tested AGOV, four the EPR profiles and one the CH-ELM profile for laboratories.

- ahdis AG
- Aseno GmbH
- BEGASOFT AG
- Fabasoft Schweiz AG
- Glaux Group AG
- Hôpitaux Universitaires de Genève (HUG)
- Hôpitaux Universitaires de Genève, Direction des systèmes d'information (HUG-DSI)
- Labor team W AF
- NativeOps GmbH
- RALY GmbH
- Root-Service AG
- Schweizerische Exportrisikoversicherung SERV
- SESAM AG
- Service Informatique de l'Entité Neuchâteloise (SIEN)
- Sonic Suisse
- Sopra Steria
- Ville de Lausanne

List of systems

22 systems were registered at the Projectathon. The systems represent a variety of Professional healthcare portals, Exchange formats modules and governmental services/AGOV.

Organisations	System keyword	Components concerned
SESAM AG	IdP_SESAM_AG	AGOV
Bundeskanzlei	GVT-SERVICES_Bundeskanzlei	AGOV
AHDIS	TOOL_ahdis_2025	Mag_2025
ASENO	PAT-PORTAL_ASENO_0	Cloud_Doctor_0 (v1.2)
BAG-MT	GVT-SERVICES_BAG-MT_ELM	BAG MT
BIT	GVT-SERVICES_BIT_BERN_2025	EPD ZAD - Government Services - Bern 2025
Sonic Suisse	TOOL_Sonic Suisse_ALT	ALT (2025.08.05.01)
BEGASOFT_AG	CCC_BEGASOFT_AG	AGOV
EPR-ID provider	GVT-SERVICES_EPR-ID provider_2025	GVT-SERVICES-EPR-ID provider_2025
HUG	Community_HUG_PMP	PMP (eMedication aggregator)
HUG-DSI	PAT-PORTAL_HUG-DSI_swissmeds_	SwissMeds
Impfmodul eHS	TOOL_Impfmodul eHS	Vaccination Module (1.8.0)
Labor Team	SYSTEM_labor team	ZIL (ELM)
RALY	2ND_SYSTEM_RALY_1	EPR Uploader (1)
RALY	TOOL_RALY_HUSKY_VACD_Generator	HUSKY_VACD_Generator (1)
Lausanne	CCC_Lausanne	AGOV
ROOT	CCC_ROOT	AGOV
SERV	Community_SERV_serv-ch	serv-ch (1.0) AGOV
NativeOps	Community_NativeOps	AGOV
GLA	Community_GLA	Glaux_Group (1.0) AGOV
FACB	TOOL_FACB_Fabasoft	System_Fabasoft (1.0) AGOV
SIEN	Community_SIEN	System SIEN AGOV

Tests performed

Overall view

48 tests were executed, with 36 verified. Most tested profiles were:

- AGOV
- CH:VACD
- CH:MHD
- CH:PIXm
- CH:CT
- CH:PDQm
- CH:IUA

	Test instances	Verified	Started
Group tests	1	1	0
Peer-to-peer tests	36	25	11
No-peer-tests	11	10	1
Total	48	36	22

Peer-to-peer-tests

Peer-to-peer-tests involve two testing partners.

	Test instances	Verified	Started
AGOV	14	12	2
CH:ELM	1	1	0
CH:EMED	2	1	1
CH:MHD	2	1	1
CH:VACD	3	3	0
CH:IUA	2	1	1
CH:PDQm	4	2	2
CH:PIXV3	1	0	1
CH:PIXm	2	2	0
CH:XUA	2	2	0
PDQV3	3	0	3
Total	48	36	22

Group tests

Group tests involve three or more testing partner in order to simulate realistic and complex scenarios, for example the retrieval of a document by a healthcare professional. One group test was performed and verified at the 2025 Digital Health Projectathon with the specification «HP Publish Document by API».

Other results

Reported issues

As an outcome of the testing performed during the Projectathon, 8 Jira issues were reported, which is the second lowest number since 2021 and a significant drop from the 25 issues in 2024:

- Specs (0 tickets)
- Test cases (5 tickets)
- Tooling (3 tickets)

Maturity levels

The maturity of the profiles, metadata and exchange formats of the Swiss EPR is classified into five levels, depending on their testability (level 1, 2, and 3) or their level of verification (level 4 and 5). During the 2025 Projectathon three FHIR based integration profiles (CH EPR FHIR) went up one level:

- MHD (5)
- PDQm (4)
- PIXm (5)

[Overview of the Maturity levels of the profiles](#)

Parallel events

Conferences and workshops

Eleven Lightning Talks (short presentation) were proposed free of charge to the participants. This year's program included:

- The future of the Electronic Platform Benefits - Stefan Weiss, Federal Office of Information Technology, Systems and Telecommunication & Christian Strahm, Federal Office of Public Health
- A short story on AGOV - Stefan Minder, Federal Chancellery
- Simulation APIs in Gazelle - Clément Lagorce, IHE Catalyst
- Coordinated standardization and the 'Standards Recommendations Working Group' with ehealthstandards.ch - Roeland Luykx, HL7 Switzerland
- Electronic reporting via FHIR-Interface: technical challenges and providing information as success factors - Samuel Colin, Federal Office of Public Health
- Exchange format for the eHealth booklet for children - Susanne Stronski, Verein Digitales Gesundheitsheft
- FHIR Validation with AI & Matchbox, from LLM to MCPs - Oliver Egger, ahdis
- Terminologit (Terminology Server) in Germany and Austria - Olaf Rode, Fokus Fraunhofer & Gabriel Kleinoscheg, ELGA GmbH
- European Health Data Space - Alexander Berler, IHE Catalyst
- Swiss Health Data Space and Terminology Server - Stefan Iseli, eHealth Suisse & Patrick Hirschi, Federal Office of Public Health
- Towards a Swiss Healthcare Provider Directory based on public registers - Andreas Unterkircher, Federal Statistical Office

Guided Tours

As per usual, interested parties could register for a guided tour of the EPR Projectathon, to gain a better insight into the technical aspect of profiles development. IHE Suisse led three tours on Wednesday and Thursday afternoon.

Networking Event

The "Social Event" took place at the Rooftop Brasserie & Bar on Thursday 18th September and consisted of a standing dinner.


Hackathon

From 17th to the 19th September 2025, experts from Switzerland, Germany and Austria discussed the current status of their countries' work on national terminology servers at the parallel TerminoloGit hackathon and gathered ideas for their further development.



Social Media and Pictures

eHealth Suisse and several participating vendors and monitors posted about the Digital Health Projectathon. The posts of eHealth Suisse on LinkedIn received altogether over 340 likes and were republished 40 times. Photographs are published on the official website.


**BINT GmbH**
662 abonnés
2 sem. •

Interoperabilität ist kein Nice-to-have.

Sie entscheidet darüber, wie reibungslos Prozesse im **#Gesundheitssystem** ablaufen. Der **#Projectathon** zeigt: **#Standards** entfalten ihren Wert erst, wenn sie gemeinsam in der **#Praxis** geprüft werden. So wird **#Interoperabilität** konkret – und die **#Gesundheitsversorger** spürbar entlastet.

Danke an **eHealth Suisse** und das **Office fédéral de la santé publique OFSP** für eure grosse Arbeit als Treiber von **#eHealth**.


Afficher la traduction


**eHealth Suisse**
4834 abonnés
3 sem. •

Digital Health Projectathon & TerminoloGit Hackathon – Sharing with open standards

🔥 That's a wrap on the 2025 Digital Health Projectathon — three days ... plus

Afficher la traduction



**RALY GmbH**
77 abonnés
2 sem. •


Danke für die Organisation des Anlasses. War wieder wie immer wunderbar organisiert.

Wir konnten doch ein paar Tests erfolgreich durchführen und unsere Applikation weiter ringen.

Auch beim HUSKY gab es ein paar erfolgreiche Tests und Verbesserungen im Code. Bald wird es da euch ein neuer Release geben.

IHE Suisse #ehealth #digitalisierung #epd


Afficher la traduction

**eHealth Suisse**
4834 abonnés
3 sem. •

Digital Health Projectathon & TerminoloGit Hackathon – Sharing with open standards

🔥 That's a wrap on the 2025 Digital Health Projectathon — three days ... plus

Afficher la traduction

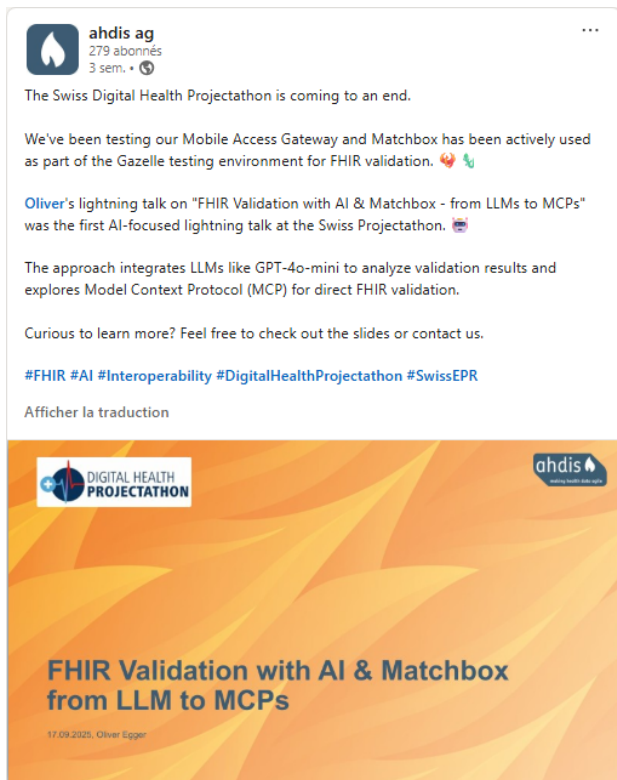


Quality survey

Ten out of seventeen organisations answered the Satisfaction Survey. Participants were generally satisfied with the location, the infrastructure, the catering, the networking event (or Social Event), although one person commented that three days were too short to organise testing with other companies (group testing). Participants to the EPR testing also wished for more available partners.

Due to many newcomers and different needs for technical support depending on the type of testing (EPR, laboratory, AGOV), several participants had problems with the registration process and the testing on the Gazelle Platform. In addition, some people asked for more explanatory texts on the Gazelle Platform and less abbreviations. Despite a new introductory course to Gazelle this year, newcomers often needed additional support to guide them through the tests. As such, additional webinars and training sessions are suggested by two companies.

On the communication level, all participants could find relevant information and support by the staff both before and during the event. The parallel program of Lightning talks was also pertinent and well attended. However, participants to the AGOV tests wished for a separate information channel, as most information over the summer regarded the EPR testing.



Conclusion

The 2025 Digital Health Projectathon was a first attempt to widen the testing scope on the Gazelle testing platform, based on the existing protocols for the EPR profiles and test cases including test tooling for the use cases going beyond the EPR. The organising committee will evaluate additional measures to better accompany newcomers, so that they quickly understand how to run their tests during Projectathon.

The AGOV testing proved to be quite a success, with twelve registered organisations, all of which managed to connect their system to AGOV and the e-ID within the three days. However, certain coordination and information challenges arose due to differences in testing habits. The organising committee will revise its general registration and information process to avoid multiple points of contact for the participants and provide a clearer path.

The number of participants for the EPR testing was low this year. Possible explanations are the lack of clarity for future EPR developments due to an ongoing revision of the federal law, as well as the absence of EPR communities and their technical providers as a result of the merger of several communities and changes in technical platforms.

eHealth Suisse and the FOPH will strive to better communicate to companies active in the digital health market the impacts of the future Swiss Health Data Space, the required standards for exchange of health data, as well as the role of the EPR within the Swiss Health Data Space. The committee will also evaluate the need for additional adaptations to the format, periodicity and scope of the Projectathon, with a possible reiteration of shorter (online) Hackathons, and the inclusion of new DigiSanté projects.

Find out more about the digital transformation of the healthcare sector in Switzerland:

[Swiss Health Data Space](#)

[DigiSanté projects](#)

[Future of the EPR](#)

[EPR Specifications](#)

[Standardisation organisations](#)

[Exchange formats \(open-source\)](#)