Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

ehealthsuisse
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

IHE SUISSE Integrating the Healthcare Enterprise

Digital Health Projectathon 2026

21st to 23rd September 2026, online

Final Report



(Photograph: Raphaël Schaller, 2025 edition)

eHS
12.10.2026

Schwarzenburgstrasse 157
CH-3003 Bern

www.e-health-suisse.ch

Summary

Summary 2
Introduction 3
Technical tests 3
Testing for terminology server 3
Testing for AGOV & e-ID 3
Testing for the EPR 3
Test organisation 4
General overview 4
Participating organisations 4
List of systems 5
Tests performed 6
Overall view 6
Peer-to-peer-tests 6
Other results 7
Reported issues 7
Maturity levels 7
Parallel events 7
Conferences and workshops 7
Lightning talks 8
Quality survey 8
Conclusion 9

Introduction

The Digital Health Projectathon is an annual testing event for medical IT systems that is 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 eHealth projects to support the interoperability of services in Switzerland.

The first event took place in 2017 with a focus on the Electronic Patient Record (EPR). From 2024, the Projectathon widened the testing scope to additional digital health and digital administration projects from the Confederation. Throughout the years, the Projectathon retained the same mode of operation – a unique testing platform used for 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 the HL7 standards.

The 10th edition of the Projectathon took place fully online from the 21st to the 23rd of September 2026: the testing session happened on the 22nd and 23rd of September, while conferences and workshops open to the wider public were scheduled on the 21st and 22nd of September 2026. 21 firms registered to test the AGOV service, the terminology server, and the EPR.

The event was organised by eHealth Suisse in collaboration with the Federal Office of Public Health (FOPH) and IHE Suisse.

Technical tests

Testing for terminology server

The Terminology Server for the future Swiss Health Data Space (SwissHDS), a service of the federal administration, functioned as an independent entity within a peer-to-peer test architecture. Five test cases focusing exclusively on standardised queries to the server were available to test. The participating companies' requests were sent to the terminology server via the reference environment's proxy: The results could then be observed and compared. The objective was to evaluate the effective implementation of terminology services that adhere to standards in practical integration scenarios.

More information about the SwissHDS

Testing for AGOV & e-ID

Cantons (respectively their providers) as well as EPR community and their technical providers had the opportunity to test the connection 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 connection. The Swiss e-ID, which was accepted by the population ("votation") on the 28th of September 2025, will be used as an identifier in numerous cantonal and federal online services, including various eHealth services.

More information about the future national e-ID

Testing for the EPR

EPR basic transactions (for example identifying a patient) and specifications (including the specifications for exchange formats and the new eEmergency profile) were available for testing. EPR Communities, platform providers, providers of IT solutions for healthcare institutions and other firms had the possibility to test the interoperability of their solution with the EPR and each other. The EPR testing also enables eHealth Suisse and the FOPH to identify potential issues with the test tools, the test plans and the basic EPR specifications.

List of testable EPR Profiles

Test organisation

General overview

Event organisation: The Digital Health Projectathon is organised by eHealth Suisse in collaboration with the Federal Office of Public Health (FOPH), IHE Suisse and the Federal Chancellery, with the support of the Federal Office of Information Technology, Systems and Telecommunication (FOITT) and the Central Compensation Office (CCO).

Date and testing venue: The event took place fully online from Monday 21st to Wednesday 23rd of September 2026. Testing was available on the 22nd and 23rd of September 2026 from 9AM to 5PM.

Preparation: Information about the event was regularly updated on the website and posted in the Projectathon Googlegroup. eHealth Suisse and IHE Europe held seven webinars regarding the registration process and technical preparation to the Projectathon throughout the summer period. The pre-Projectathon test phase lasted from 1st of July to the 20th of September 2026.

Tools and Virtual Machine: The Terminology server as well as the AGOV and Beta ID tests were documented including results in the Swiss reference environment. The EPR tests were fully driven in the reference environment, which is an instance of the IHE Gazelle toolbox.

Monitors: A team of six monitors (specifications experts) assisted testers and verified the test done. As mandated by eHealth Suisse, Oliver Egger from ahdis and HL7 Switzerland recruited, managed and led the team of monitors.

Fees: This year, the event was free of charge.

Participating organisations

21 organisations participated with altogether 40 employees. Nine organisations registered to test AGOV, seven tested various EPR profiles and one information systems tested the profile for laboratories. Nine vendors registered for Terminology server testing.

- Advanced Concepts AG
- ahdis ag
- Aseno
- CISTEC AG
- City of Lausanne
- Die Schweizerische Post AG
- ELCA Security
- emedSwiss SA
- Glaux Group AG
- Infomaniak
- Informatik Aargau
- Insel Gruppe AG
- PulsaSol
- RALY GmbH
- Swiss Data Science Center SDSC
- Switch
- Universitätsklinik Balgrist
- Verein eSANITA
- Verein Gesundheitsdatenraum Schweiz
- x-tention Informationstechnologie

Number of organisations and staff

	Number of organisations	Number of participants	Monitors and technical support	Countries
2026	21	40	6	2
2025	17	26	14	2
2024	13	39	12+7	2
2023	12	39	11 + 11	3
2022	20	57	11 + 8	3
2021	19	67	14 + 8	3
2020	16	51	15 + 8	2
2019	18	82	17 + 8	3
2018	23	88	17 + 9	3
2017	16	79	13 + 8	3

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

Organization	System keyword
AdvancedConcepts - Advanced Concepts AG	HP-PORTAL_AdvancedConcepts
Ahdis - ahdis AG	TOOL_ahdis_matchbox_2026
Balgrist - Universitätsklinik Balgrist	TOOL_Balgrist_SMILECDR
BIT - Bundesamt für Informatik und Telekommunik	GVT-SERVICES_BIT_GVT-SERVICES_BIT2026
BMC - Insel Gruppe AG	CCC_BMC
Bundeskanzlei - Bundeskanzlei	GVT-SERVICES_Bundeskanzlei_AGOV_SERVER
CISTEC - CISTEC AG	HP-PORTAL_CISTEC_26
EHR - x-tention Informationstechnologie AG	CCC_EHR__MACH
ELCA - ELCA Security	2ND_SYSTEM_ELCA
EmedSwiss - emedSwiss	PAT-PORTAL_emedSwiss
eSANITA - Verein eSANITA / SwissMedLink	TOOL_eSANITA
FOPH - Federal Office of Public Health	GVT-SERVICES_FOPH_Terminology_Server
GdS - Verein Gesundheitsdatenraum Schweiz	TOOL_GdS
GLA - GLAUX GROUP	Community_GLA_Evidence
Infomaniak - Infomaniak	2ND_SYSTEM_Infomaniak
PulsarSol - PulsarSol GmbH	HP-PORTAL_PulsarSol_AGOV
PulsarSol - PulsarSol GmbH	HP-PORTAL_PulsarSol_INT
PulsarSol - PulsarSol GmbH	TOOL_PulsarSol_TERM
RALY - RALY GmbH	TOOL_RALY_VDGen1
RALY - RALY GmbH	TOOL_RALY_VDP1
SDSC - Swiss Data Science Center	TOOL_SDSC
Switch - Switch	2ND_SYSTEM_Switch

Participating systems, Projectathon 2026

Tests performed

Overall view

140 tests were executed, with 101 verified. Most tested profiles were:

- AGOV
- SVCM
- CH:VACD
- CH:MHD
- CH:CT
- CH:IUA

	Test instances	Partially verified	Verified	Started	Failed
Group tests	**0**	0	**0**	0	0
Peer-to-peer-tests	**80**	3	**62**	15	0
No-peer-tests	**60**	14	**39**	7	0
Total	**140**	**17**	**101**	**22**	**0**

Executed tests at EPR Projectathon 2026

Peer-to-peer-tests

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

	Test Instances	**Started**	**Partially verified**	**Verified**	**Failed**
AGOV	**7**	**0**	**0**	**7**	**0**
SVCM	**44**	**4**	**1**	**39**	**0**
CH:EMED	**1**	**0**	**1**	**0**	**0**
CH:MHD	**1**	**0**	**0**	**1**	**0**
CH:VACD	**2**	**0**	**0**	**2**	**0**
CH:IUA	**8**	**0**	**1**	**7**	**0**
	0				
CH:PIXV3	**1**	**0**	**0**	**1**	**0**
CH:XUA	**1**	**0**	**0**	**1**	**0**
PDQV3	**1**	**0**	**0**	**1**	**0**
CH:EMR	**1**	**0**	**0**	**1**	**0**
CH:HPD	**3**	**1**	**0**	**2**	**0**
CH:META	**1**	**1**	**0**	**0**	**0**
Total	**71**	**6**	**3**	**62**	**0**

Executed peer-to-peer-tests at the EPR Projectathon 2026

Other results

Reported issues

EPR testing: As an outcome of the testing performed during the Projectathon, 16 Jira issues were reported:

- Specs (0 tickets)
- Test cases (6 tickets)
- Tooling (10 tickets)

	PAT 2026	PAT 2025	PAT 2024	PAT 2023	PAT 2022	PAT 2021
Spec Issues	0	0	0	1	2	1
Test Case Issues	6	5	11	12	0	4
Tool Issue	10	3	14	19	1	6
Total of Tickets	16	8	25	32	3	11

On the Terminology server side, nine issues were registered.

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 2026 Projectathon the three following profiles went up one level:

- Reached level 4:
    - CH Allergy Intolerance, CH IPS (International Patient Summary) (both exchange formats)
- Reached level 5:
    - IUA (Internet User Authorization) (FHIR)

Tested new profiles:

- CH EMR (emergency record / exchange format): Level 4
- SVCM (Sharing Valuesets, Codes, and Maps) (Terminology server): Level 4

Overview of the Maturity levels of the profiles

Parallel events

Conferences and workshops

In addition to the technical testing, three conferences and workshops were held for the entire digital health community to support knowledge-transfer and networking. Over 30 attendees participated in each conference. Katrin Crameri, co-responsible of the DigiSanté programme at the Federal Office of Public Health, presented the DigiSanté Programme, the future Swiss Health Data Space (SwissHDS) and how the Projectathon supports the programme and its various projects as an early testing ground. Roeland

Luykx, president of HL7® Switzerland, offered an interactive session on the technical standard HL7® FHIR®. Finally, Adrian Schmid, president of IHE Suisse, exchanged with his guests Michael Rebsamen and Daniel Vazquez Rivera on the success and challenges of interoperability projects such as UMZH Connect in Zurich and the Shared Medication Plan from Geneva.

Lightning talks

Lightning talks are short technical presentations for registered vendors. This year's program included a presentation on the national e-ID by Stefan Minder and Marc Fritschi from the Federal Chancellery, and on the European Health Data Space by Alexander Berler from IHE Catalyst.

Quality survey

Nine organisations answered the Satisfaction Survey. Most respondents tested the Terminology Server (8/9), while three tested the EPR and two AGOV/e-ID; several covered more than one domain. More than half participated for the first time. 88.9% could easily find the information needed to decide about participation, and 88.9% rated the communication, webinars and preparation materials as good or excellent. Registration process feedback was more mixed: 66.7% were very or somewhat satisfied, while 33.3% were quite dissatisfied. It is evident for the next year's testing event edition this process has to be radically simplified.

Feedback on the testing environment was generally positive but showed room for improvement. 88.9% were satisfied with the quality of the tooling, yet only half of EPR/Terminology respondents found Gazelle intuitive. Comments mentioned outdated or incorrect links, unclear SUT registration and proxy configuration, and performance/caching issues in Message Capture. Newcomers asked for clearer connectivity instructions, more concrete examples and a complete test walkthrough. Participants also requested clearer guidance on peer-to-peer testing and more precise information on the Terminology Server's scope, limitations and roadmap.

Support during the event was rated highly: all respondents who assessed the monitors considered them very or somewhat efficient, and 85.7% rated Projectathon management very or somewhat efficient. General communication and support responsiveness also received high scores. Lightning Talks and conferences were positively received. The online format was generally appreciated, although several participants would welcome an on-site event while keeping an online participation option. Practical suggestions included sending calendar invitations for Teams sessions, avoiding overlapping calls and providing estimated testing effort per test.

Conclusion

The 10th Digital Health Projectathon 2026 can be considered a successful event from a technical perspective. A total of 140 tests were executed, of which 101 were verified, with no failed tests reported. The successful AGOV integrations and the extensive testing of the Terminology Server and EPR-related profiles demonstrate tangible progress in preparing for the national e-ID and in strengthening interoperability within the Swiss digital health ecosystem.

At the same time, the 16 EPR related issues reported during the event - mainly related to test cases and tooling - provide valuable input for the further improvement of the specifications, test plans and reference environment. The same applies for the reported Terminology server issues.

The 2026 edition also showed a clear increase in testing activity. Participation increased from 17 organisations and 26 participants in 2025 to 21 organisations and 40 participants in 2026. The substantially higher number of executed tests should therefore be taken into account when planning future editions, particularly when determining the number of monitors and the level of technical support required. AI-supported tools may increasingly contribute to greater efficiency in preparing, executing and assessing tests. While this cannot be concluded from the available data alone, it is a development worth monitoring. Such tools may also help monitors analyse issues more quickly, support testers more effectively and formulate proposals for improving specifications, test cases and the tooling of the reference environment.

The online format offered considerable flexibility and was appreciated by several participants. However, the survey also showed a clear interest in returning to an on-site setting, while retaining the possibility of remote participation. Participants particularly valued the availability and responsiveness of the monitors, the exchange with other testers and the accompanying conference programme. At the same time, feedback highlighted the need for improved tooling, clearer test instructions and more opportunities for direct interaction. A hybrid format could therefore be considered for a future edition, combining the benefits of face-to-face exchange with the flexibility of online participation. To ensure that knowledge generated through informal discussions on site remains accessible to all participants, identified problems and their solutions should systematically be documented and shared in Zulip.

For future editions, the organisers should therefore continue to strengthen the technical reliability and usability of the testing environment, provide even clearer guidance for newcomers and peer-to-peer testing, and ensure sufficient monitoring capacity as testing activity grows. The Projectathon remains an important platform for identifying interoperability issues early, bringing together implementers and experts, and supporting the continued development of Switzerland's digital health infrastructure.

To further consolidate competencies and infrastructure, the Swiss Projectathon will encompass a variety of digital government projects, extending beyond the healthcare sector. The **DigiSuisseathon** will take place in **Kursaal in Berne from 27th September to 1st October 2027**. Testing domains will be confirmed in the spring of 2027, but possible projects are AGOV & eID, as well as DigiSanté applications.