

National / Regional Deployment Committee Activity Report

Czech Republic

Nation / Region Name: Czech republic
Date Activity Report Issued: 23rd June 2023

Mission of the National / Regional IHE initiative

IHE Czech Republic established as non-profit organization in May 2019 by 7 initial members and with support of MoH Czech republic. Goal was to outline and support start of using IHE profiles for creation of national interoperability framework. First attempts to use IHE profiles were created through iROP 26 EU funding initiative in years 2019-2021 where several projects of IHE profiles based integrations were created, first of them in Cardiology Institute of Brno and University hospital Olomouc, which were also initial members of IHE Czech on care provider side. IHE Czech has become member of IHE Europe during IHE Connectathon in Rennes in 2019. IHE Czech organization was created as consensus finding platform between vendors and healthcare providers, and serve also as consulting partner for MoH Czech. Very early after this initial step we have also applied to become candidate country for IHE Europe Connectathon in 2020 and 2021, which – in the end - wasn't possible due to COVID. Main goal and mission for upcoming 5 years is to support interoperability projects in the Czech republic focused on usage IHE Profiles with FHIR and creation of Affinity Domains.

Main goals:

- IHE Catalyst involvement
- Plans for National recovery plan usage on national scale
- Creation of IHE affinity domains
- Need for support of IHE profiles on FHIR is essential
- IPS is very big topic in whole CEE

Advantages for Czech republic:

- Verification
- Certification
- Gazelle as training and connectivity tool
- Creation of projectathons supported by MoH

Sponsors of the National / Regional IHE Initiative

Organization gathers 3 types of members/sponsors – users (U), software or service suppliers (SS) and partial member (lower payment but no right for voting).

Fakultní nemocnice Olomouc	U
Medicalc software s.r.o.	SS
InterSystems	SS
HL7 Česká Republika	SS
ICZ a.s.	SS
C SOLUTION s.r.o.	SS
EUC a.s.	U
Uherskohradišťská nemocnice, a.s.	U
Fakultní nemocnice Ostrava	U
CKTCH	U
STAPRO	SS

Nemocnice Jihlava	U
Fakultní nemocnice Brno	U
Uherskohradištská nemocnice, a.s.	U
GS1 Czech Republic	SS
Steiner, s.r.o.	partial
Oblastní nemocnice Mladá Boleslav, a.s.	U
CGM	SS
OR-CZ s.r.o.	SS
HARTMAN - RICO a.s.	SS
ROCHE s.r.o.	partial

Majority of these members are taking active role in promotion and implementation of IHE profiles in the Czech republic, and paying annual registration fees to support local activities of IHE Czech.

IHE International Board Representative

Name of Representative: Martin Zubek

Phone: +420 724243620

Email: martin.zubek@intersystems.com

National / Regional IHE Initiative Secretariat

Name: Katerina Prettner, IHE Czech co chair and secretariat

Phone: +420 731 534 315

Email: Katerina.prettner@csolution.cz

Date Deployment Committee was first recognized by IHE International Board:

February 2018

Organization of IHE national/regional committee:

Vendors co-chair: Kateřina Prettner

Users co-chair: Jan Hůlek (also IHE Europe users co-chair)

2 main working groups Interoperability in Czech Republic (lead by Martin Zubek) and IHE Profiles in CR – technical (lead by Petr Syblik). Main gatherings once a month with majority of members that votes for consensus on major topics.

Support and Interest by Stakeholder Groups

In order to incorporate legislation and environment changes in Czech healthcare we believe in close cooperation with main stakeholders, which we define on 2 levels: government and supportive associations, which are presented by these organizations:

Ministry of Health Czech republic (represented by deputy minister Milan Blaha and MoH CIO mr Martin Zeman)

UZIS (National Institute for healthcare data and statistics)

Association of counties

HL7 Czech republic

GS1 Czech

Activities and Achievements in the Preceding 12 Months

Testing events

Together with MoH Czech and IHE catalyst IHE Czech are preparing local Projectathon for year 2024.

Demonstrations

Several successful POCs presenting capabilities of IHE profiles and the biggest example is integration amongst cardiology centers of UH Olomouc and CKTCH Brno presented by mr Antonin Hlavinka in September 2022 in Montreux.



User Track: Solutions implemented in different European countries

Antonin Hlavinka

CIO Univ. Hosp. Olomouc, Czech Rep

Pilot Connection of Cardiac Centres using IHE Profiles, in Czechia



Education

Organizing 2 main workshops together with MoH Czech to educate healthcare providers on IHE profile usage, need for testing and verification platform and importance of IHE in international documentation exchange.

The poster has a light blue background with a white box containing event details. On the left is the IHE Czech Republic logo. In the center is the text 'Integrating the Healthcare Enterprise'. On the right is the title of the seminar in Czech. The white box contains the date, time, location, and registration contact information.

IHE
CZECH REPUBLIC

Integrating the Healthcare Enterprise

Seminář zaměřen na „User experience“ eHealth infrastruktury

Datum:	4. května 2022
Čas:	13:00 - 15:00
Místo:	Ministerstvo zdravotnictví ČR Palackého náměstí 375/4, Praha 2
Registrace:	katerina.prettner@ihe-czech.cz

Workshop organized at MoH in may 2022.

Engagement with local health IT projects

Cooperation with IHE Catalyst on definitions for Czech interoperability projects driven by MoH and RRF in period of 2024-2026

Deployment Projects based on IHE Profiles

- UH Olomouc
- CKTCH Brno
- UH Kralovske Vinohrady
- Legal ground for Affinity Domains creation

Marketing activities

Participation as active speakers on many conferences focused on healthcare problematics as:

- Effective hospital 2022
- Hospital management 2022
- Zdravotnictví 2023
- InMed 2023 etc.

Notable Challenges

Need to support new FHIR based IHE profiles.

Planned Activities

Czech delegation at Connectathon in Rennes 2023, September 2023

IHE workshop for software suppliers, October 2023

Czech Projectathon 2024 (Q3)