

Pan-Canadian Projectathon

Registration Webinar

20-01-2022

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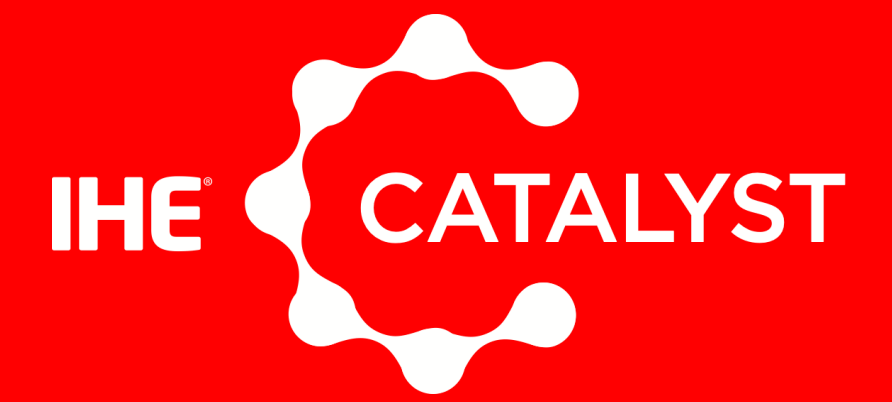
Alexander Berler – IHE Catalyst

Souleymane THIAM – IHE Catalyst



Canada Health Infoway
Inforoute Santé du Canada

Agenda



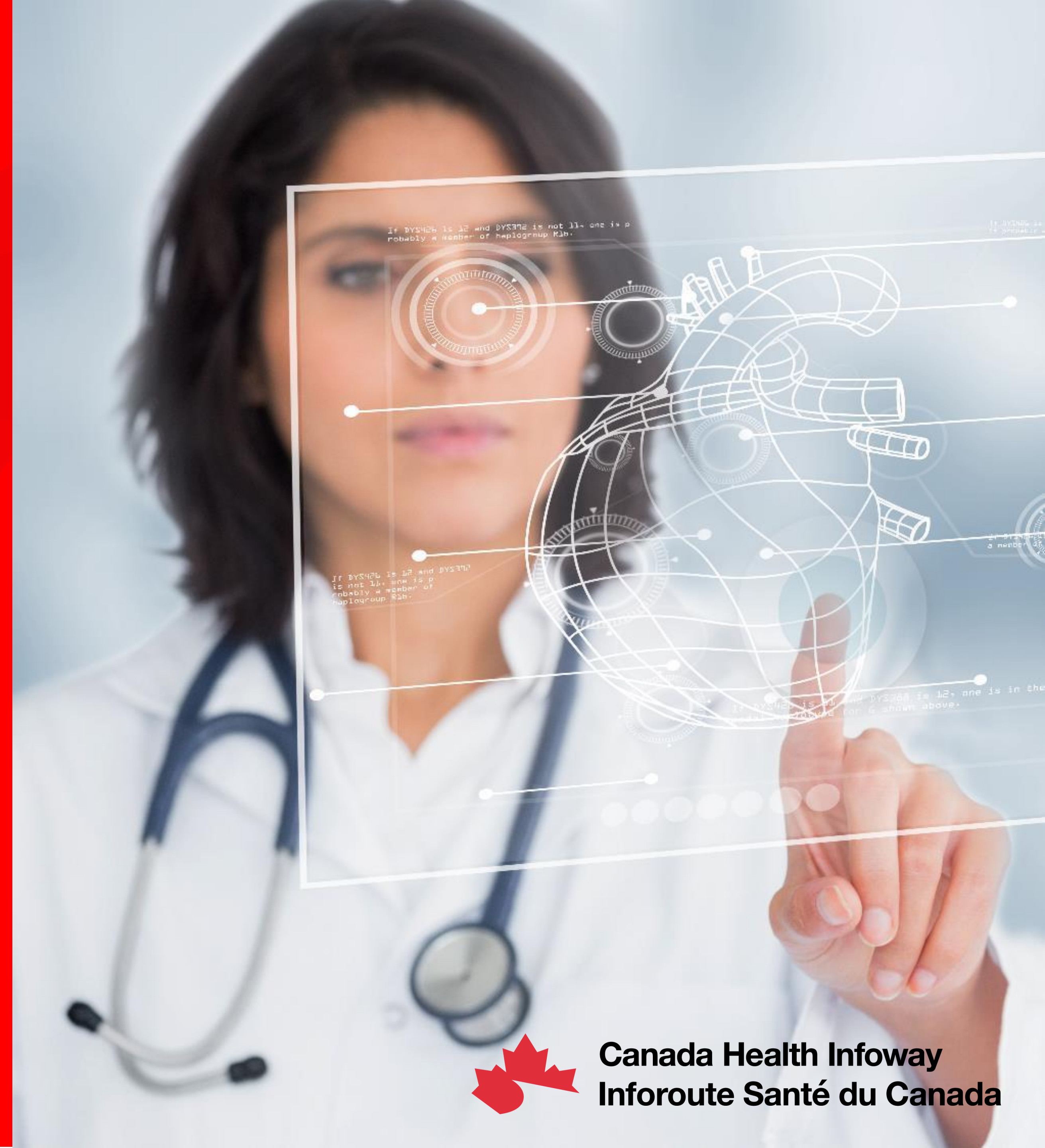
- Overview and scope
- The concept of the projectathon
- Event organization
- Overview of Gazelle Test Management
- Registration process in Gazelle
- Documentation & Communication
- Q&A



PS-CA and IPS

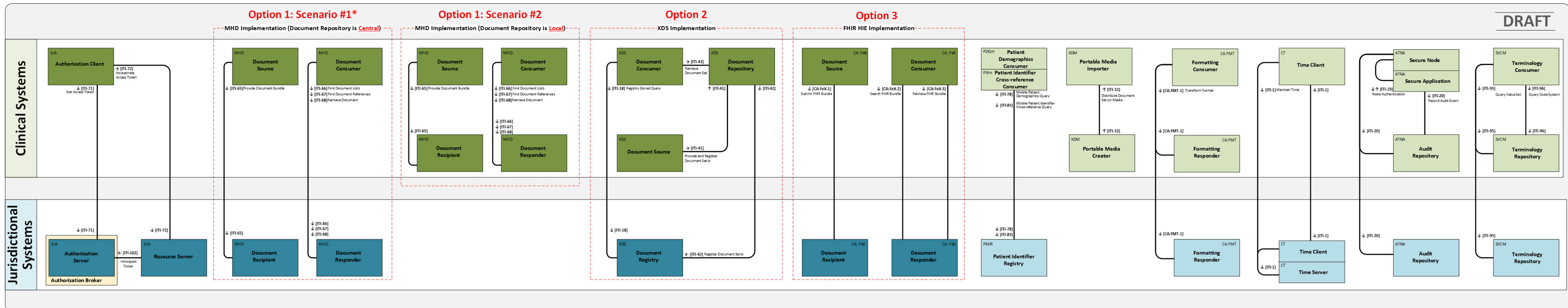
The Pan-Canadian Patient Summary Interoperability Specification is an implementable, testable specification, based on the IHE International Patient Summary specification and the HL7 IPS IG.

The PS-CA FHIR profile set is as closely aligned to the HL7 IPS-UV specification as possible, while still supporting localized needs and reducing barriers to early adoption



This high-level view contains a superset of profiles that offer alternatives to exchanging the Patient Summary-CA depending on jurisdictional service type and availability. **Mandatory and optional capability support** is described in the sequence diagrams associated with each use case analysis.

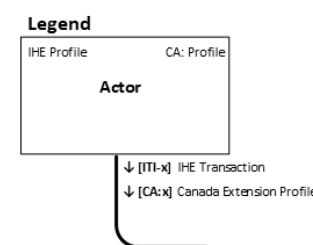
Patient Summary-CA Release 1 Integration Profiles (Required / Optional)



- IHE Profiles**
- IUA Internet User Authorization
 - MHD Mobile access to Health Documents
 - XDS Cross Enterprise Document Sharing
 - PMIR Patient Master Identity Registry
 - PDQm Patient Demographics Query for Mobile
 - PIXm Patient Identifier Cross-Reference for Mobile
 - XDM Cross-enterprise Document Media Interchange
 - ATNA Audit Trail and Node Authentication
 - CT Consistent Time
 - SVCM Sharing Valuesets, Codes and Maps

- Canadian National Integration Profile(s)**
- CA:FMT Formatting Support Service
 - CA:FeX FHIR Exchange Gateway

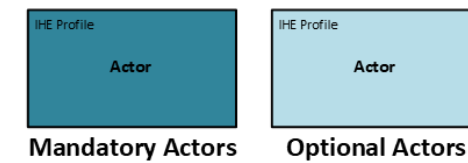
*Preferred Option



Clinical System Actors

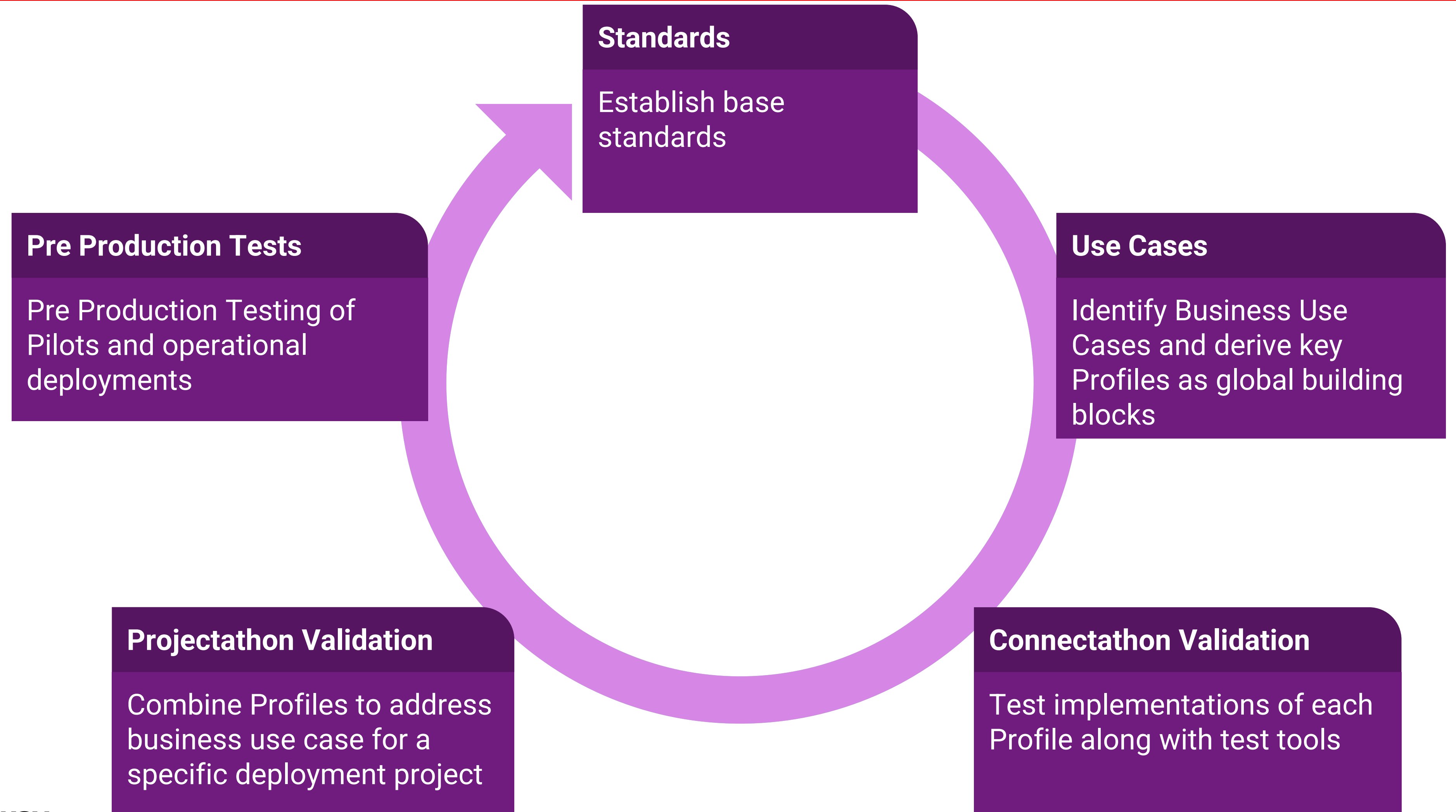
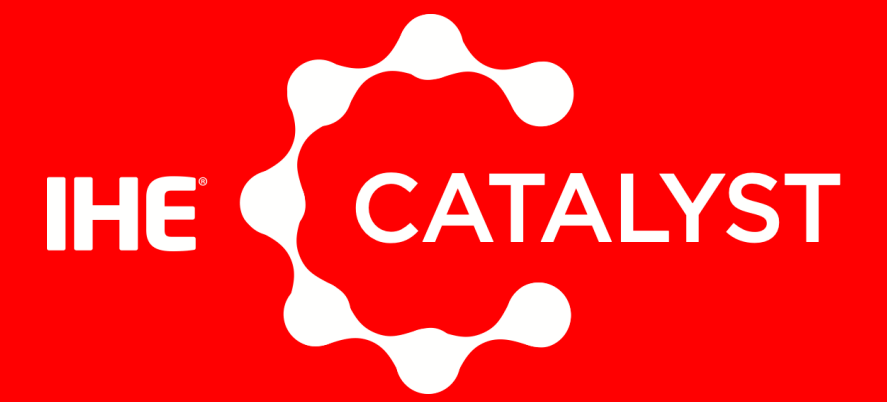


Jurisdictional System Actors

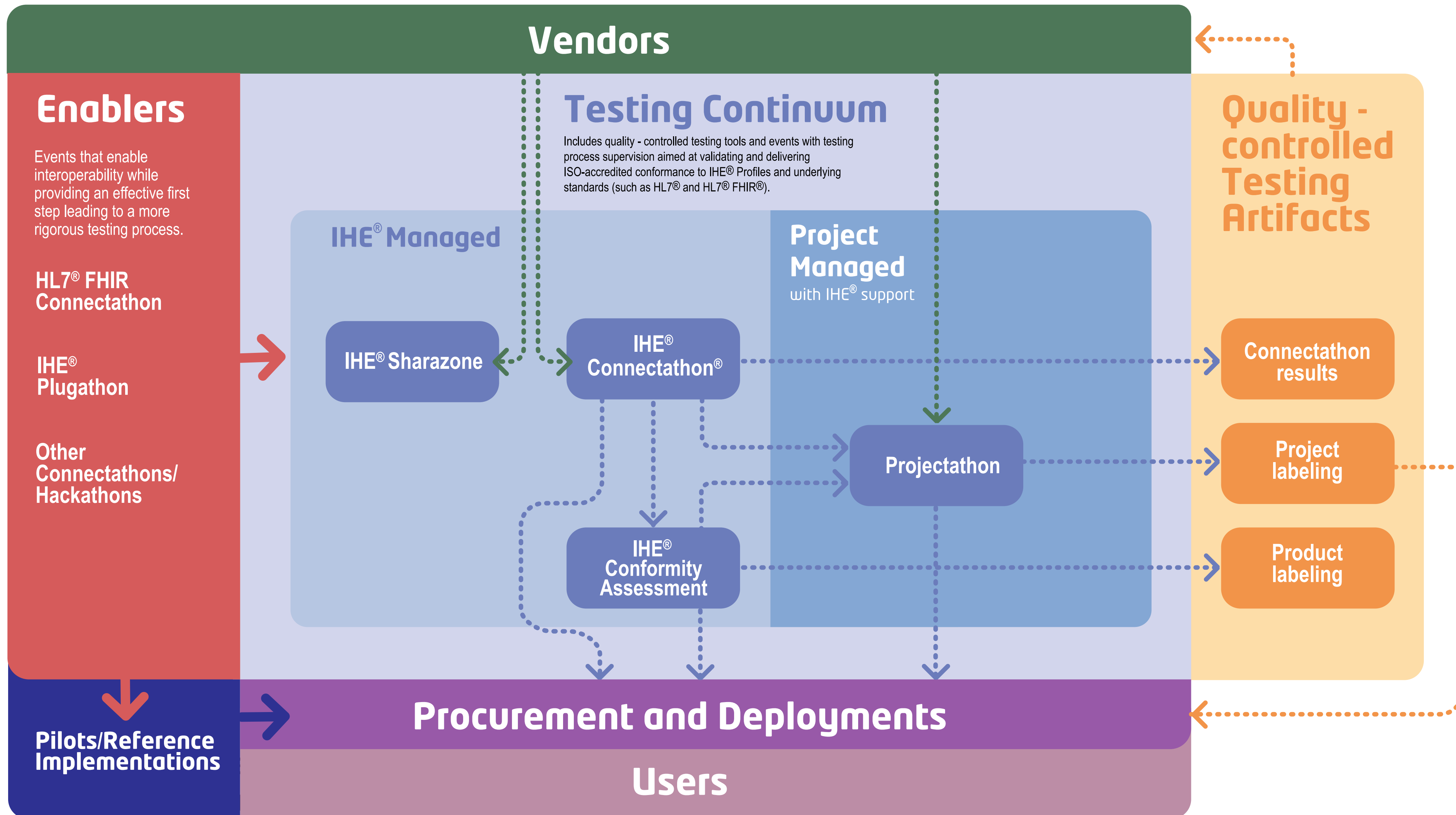


Two leading profiles:
CA:FeX and MHD

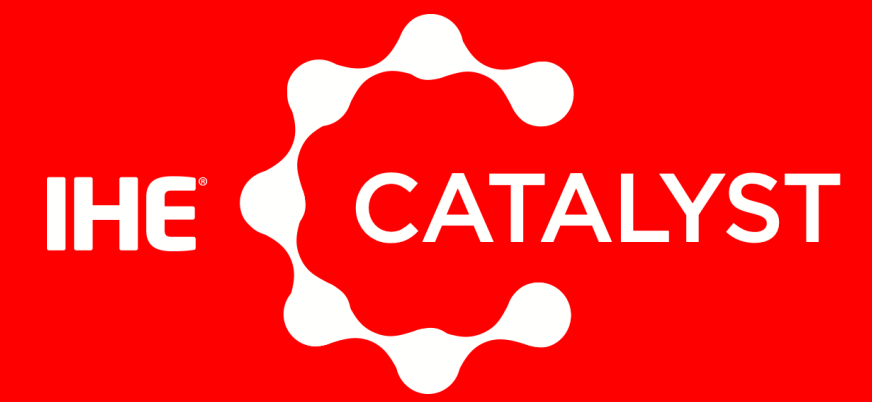
Realizing Interoperability is about teamwork



The Testing Continuum



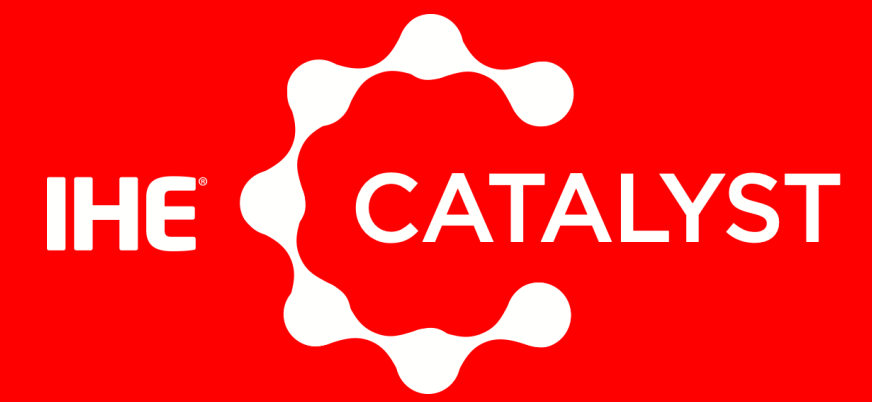
What is a Projectathon?



- A projectathon is a **peer-to-peer testing event** that is organized as a Connectathon[®] where the interoperability **specifications that are tested are those of a national, regional or other project.**
- Those specifications are **localizations of IHE integration profiles that take into account also additional local specifications and constraints**
- Projectathons usually incorporate **multi-actors and multi-transactions sequences that map real life health information exchange**
- Projectathons use the same tools as those used in Connectathons[®]



Why do Projectathons?

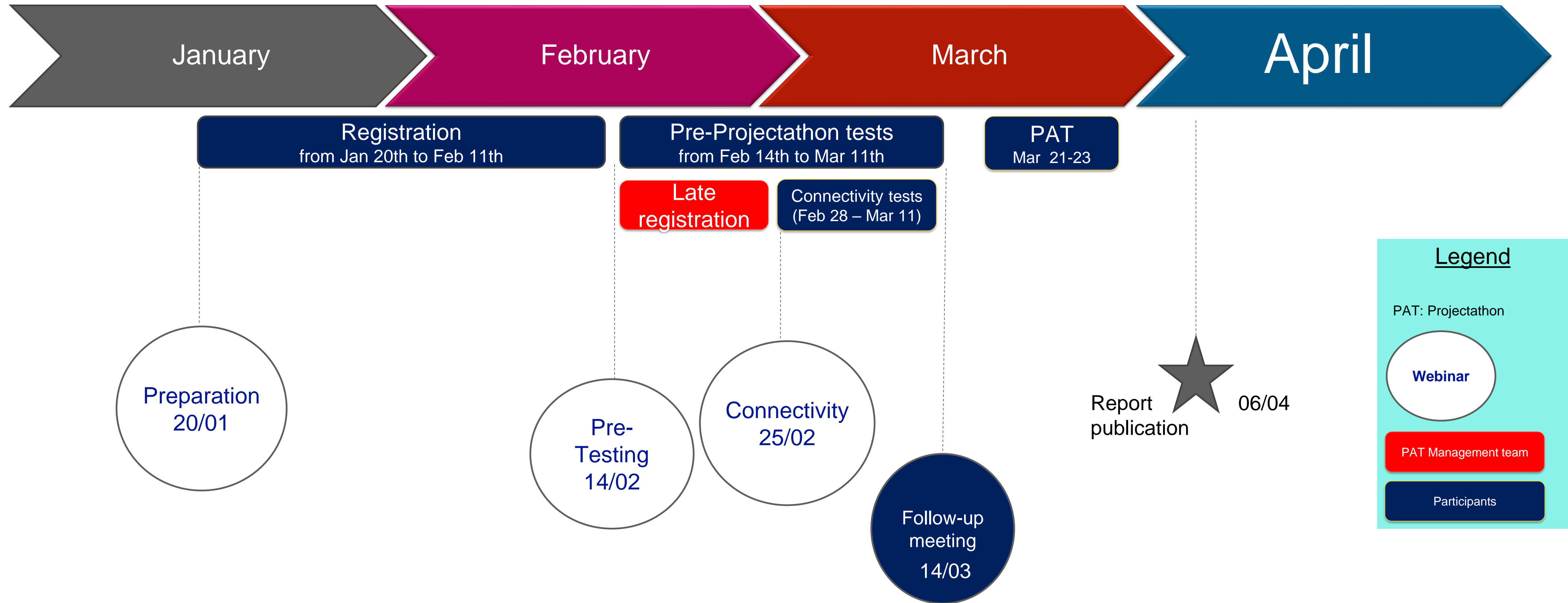
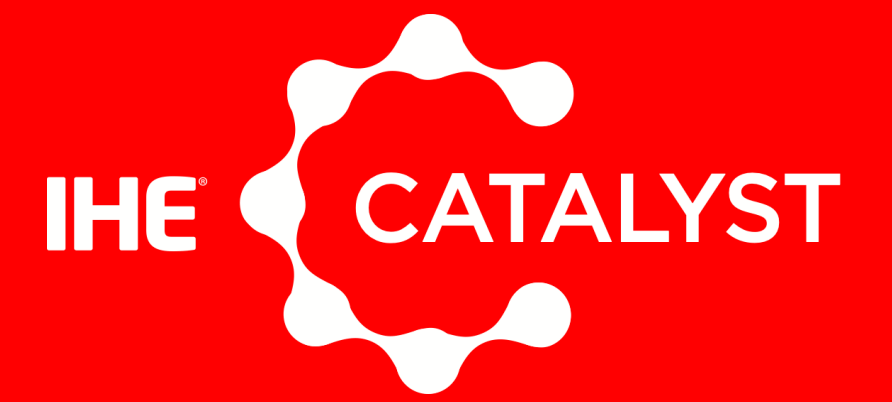


- Enable **co-creation of interoperability specifications** at a national, regional or project level
 - country level examples: Ireland, Greece, France, Luxembourg
 - regional level example: Abrumet, Veneto, Friuli Venezia Giulia
 - project level example: epSOS, UNICOM, eHDSI, WHO DDCC
- Test and refine the **quality of interoperability specifications**
- Create a **reference implementation** before production or certification
- **Digital health ecosystem**

Event Organization : Projectathon Phases



Event Organization : Calendar

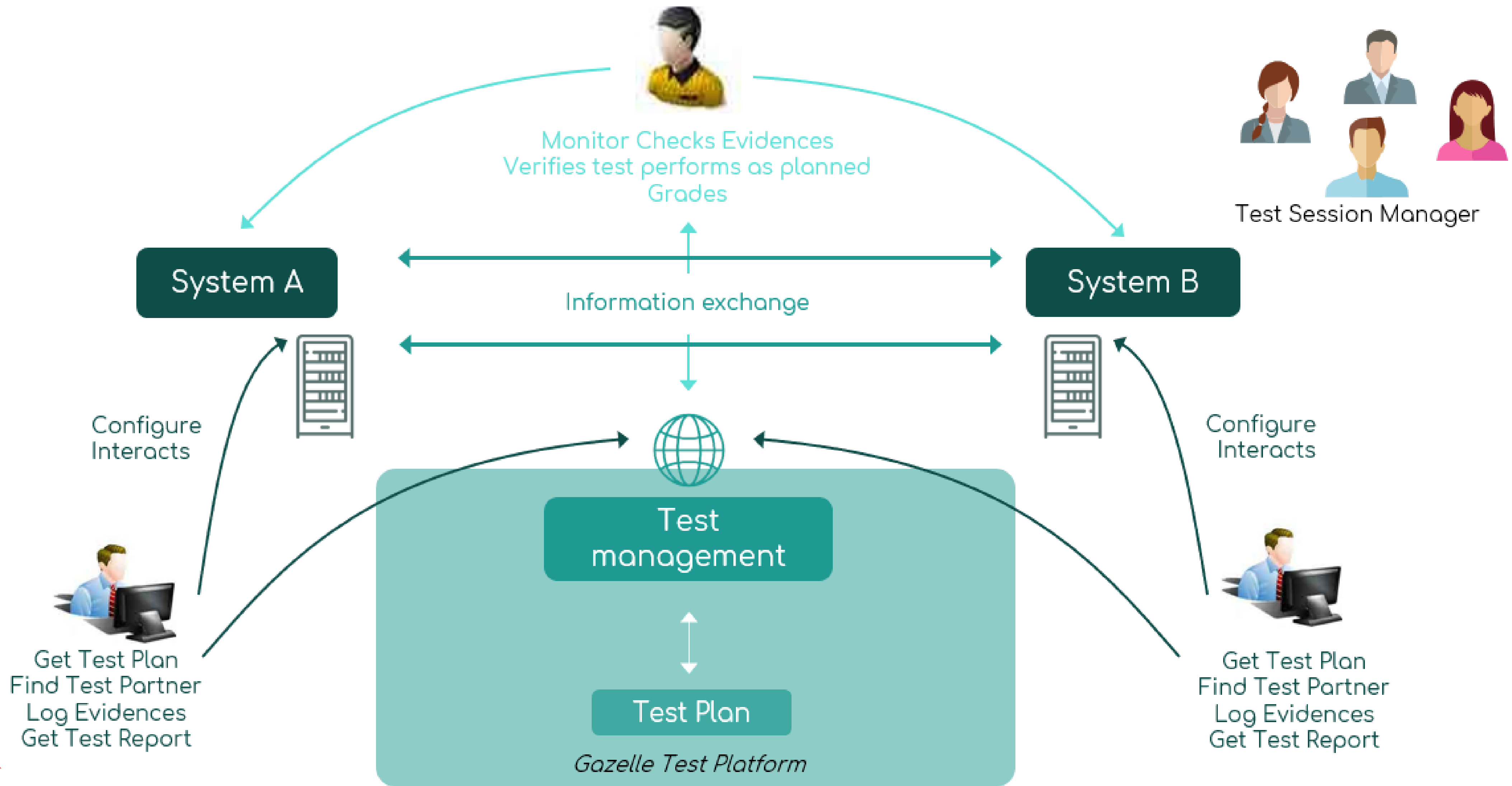


Legend

- PAT: Projectathon
- Webinar (circle)
- PAT Management team (red box)
- Participants (dark blue box)



Event Organization



Objectives

- Support the technical team by answering questions from participants about the interoperability specifications
- Verify the test cases and grade them

Who

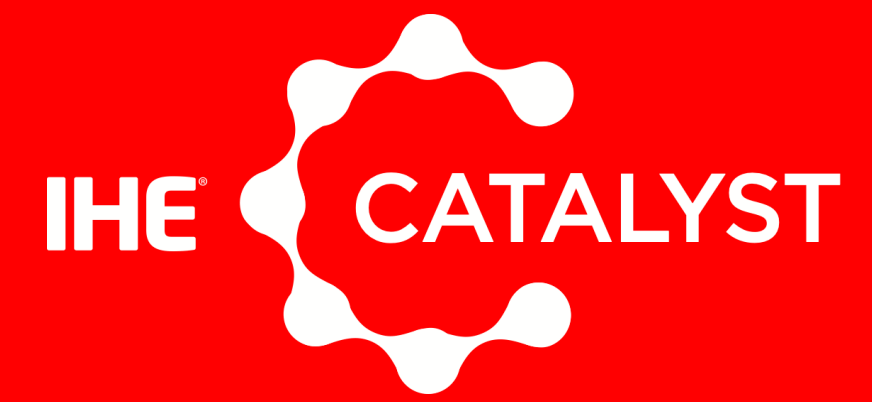
- Volunteers with experience in health care standards
- May have knowledge on IHE
- No conflict of interest (shall not work for an implementer)

How

- Monitors will be selected based on their skills and the number of registered systems by February 14th



Overview of Gazelle TM

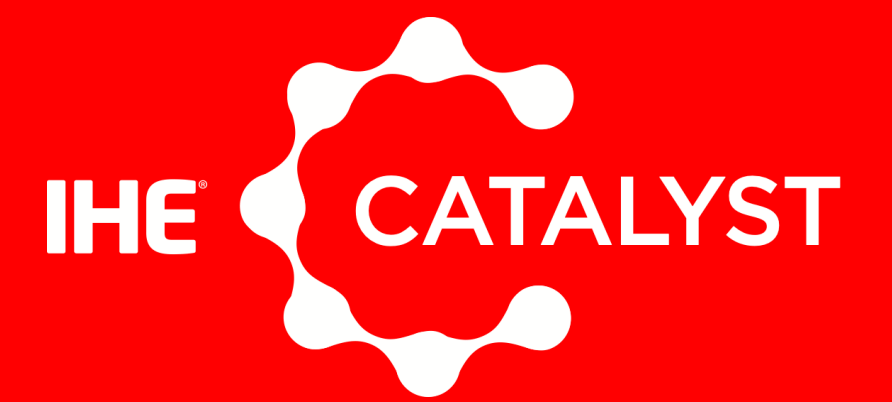


■ Gazelle

- **test management** tools oriented toward interoperability & conformance testing
- a suite of IHE actors **simulators**
- a suite of IHE **validators**
- a suite of tools for testing support
 - Tools for data generation
- **A set of tools that can be used for testing the interoperability and the conformance of eHealth Information Systems**
 - For IHE connectathon
 - For Vendors implementing eHealth Standards
 - For Users deploying and using eHealth Information Systems
 - For conformity assessment testing




Overview of Gazelle TM



1. Arsenal.IT (Italy Venice Region)
2. Abrumet-Brussels eHealth (Belgium)
3. Insiel SPA (Italy)
4. InteropSanté - France
5. GE
6. Agfa
7. Medical PHIT (NL)
8. Technikum Wien (Austria)
9. IHE USA
10. IHE-Europe
11. IHE China
12. IHE Japan
13. Agence eSanté-Luxembourg
14. InterAMC France
15. eHealth Finland
16. eHealthSuisse & Federal MoH
17. eHealthPlatform Belgium
18. EU DG Santé-European Cross Border
19. Sequoia-USA
20. EFS-French Blood Transfusion-France
21. Saudi Arabia eHealth: SHC-KSA
22. Ireland eHealth (HSE)
23. French ehealth (ANS)
24. Gabon MoH
25. Greece MoH



Canada Health Infoway Inforoute Santé du Canada

 Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



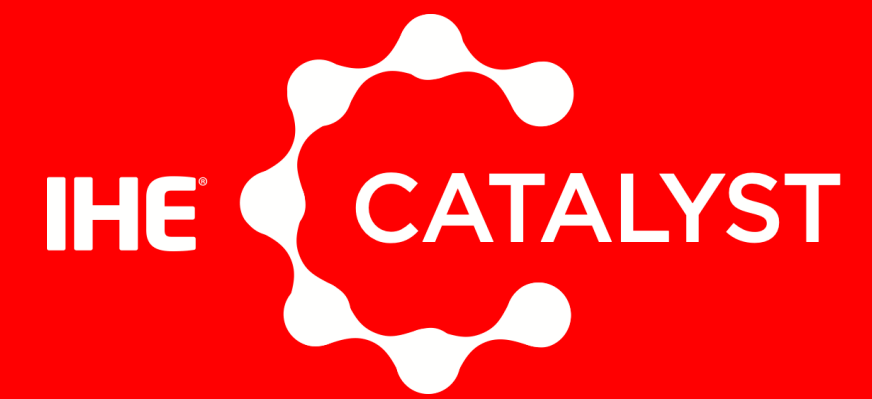
Pan-Canadian Testbed

- Dedicated instance of the Gazelle Test Tools
- Adapted to test the PS-CA Specifications
- Contains all the tools to prepare your system for the event

<https://pancanadianio.ca/>



Registration process in Gazelle



Exercise :

My name is Phil Wilson. I am from the company Demo Healthcare.

I want to register in Gazelle to participate in the upcoming Projectathon.

I will test the MHD and CA:FeX profiles implementation in my System.

Register for the Event

1. Register on Gazelle Test Management
<https://pancanadianio.ca/gazelle/home.seam>

Registration process documentation :

<https://pancanadianio.ca/gazelle-documentation/Test-Management/user.html#registration-process>

2. Select Test session PAN-Canadian-Projectathon 2022
3. Register your system for available profiles and actors



Get Support

- InfoCentral Collaboration Group
 - <https://infocentral.infoway-inforoute.ca/en/collaboration/wg/patient-summaries>

Report issues on testing tools and ask questions

- Helpdesk at <https://gazelle.ihe.net/jira/servicedesk/customer/portal/33>



Rocket.Chat (open source software)

- <https://pat-chat.pancanadianio.ca>
- Communication via channels, private group, direct messages...
- Video calls with jitsi



Useful Links

Pan-Canadian Interoperability Specifications

<https://infoscribe.infoway-inforoute.ca/display/PCI/pan-Canadian+Interoperability+Specifications>

Documentation for the Gazelle platform

<https://pancanadianio.ca/gazelle-documentation/>

Training Material

<https://gazelle.ihe.net/training>

