



- Please keep your microphone **muted**
- **Questions during the session?** Please use the chat box. We will address the questions in the second part of the webinar
- Note that this webinar will be **recorded** and made available on our IHE-Europe [YouTube channel](#)
- Slides will be **sent to you by email** early next week

IHE-Europe Experience Days 3-4 June 2024



IHE-Europe Plugathon Tracks 4-5-6 June 2024

IHE Profiles
based on
HL7® FHIR® Track
Technical Coordinator
Mauro Zanardini
4 - 5 JUNE

EHDS
Track
Technical Coordinator
Mauro Zanardini
5 - 6 JUNE



<https://connectathon.ihe-europe.net/connectathon-week-2024>

“Health data spaces: Leveraging IHE from use cases to real life implementation” Day 1

Keynote Speech: <i>Italy</i>		<i>Serena Battilomo, Second Level Director of the former Directorate-General for Digitalisation, Health Information System and Statistics, Italian Ministry of Health</i>
National Implementation on Imaging	<ul style="list-style-type: none"> • The Netherlands • France • Austria 	<ul style="list-style-type: none"> • Rick Busbridge, Healthcare Interoperability Consultant at NICTIZ • Mathieu Bajat, Interoperability expert at ANS • Silvia Winkler, Technical Committee Chair at DICOM User-group Austria
Multi-country Working group on Imaging	<ul style="list-style-type: none"> • Panel introduction: MCWG 4 recommendations (Multi Country Working Group on Imaging) • Panel of speakers from the MCWG: Engaging with the audience 	Charles Parisot , IHE MCWG Coordinator

Block 1: focus on imaging

- Imaging in Italy, what are the solutions?
- National implementations on imaging (France, Netherlands and Austria)
- Multi-country Working group on Imaging

“Health data spaces: Leveraging IHE from use cases to real life implementation” Day 1

Project Gemini	How IHE and HL7 collaboration is moving forward at International and European level	<p><i>Jürgen Brandstätter, IHE-Europe deputy co-chair, IHE representative in the Gemini (IHE/HL7) Steering Committee</i></p> <p>Dr Kai Heitmann, CEO HL7 Germany, Expert HL7 Europe</p> <p>Sofia Franconi, IHE-Europe interoperability solution architect</p>
Computable Care Guidelines (CCG)	Computable Care Guidelines: a Gemini Project Update	<p>Derek Ritz, Principal Consultant, ecGroup Inc.</p>

Block 2: focus on collaborative Gemini projects

- Collaboration between HL7 and IHE at European Level
- Computable Care Guidelines

“Health data spaces: Leveraging IHE from use cases to real life implementation” Day 2

Keynote Speech: <i>European Commission</i>		Konstantin Hyppönen, <i>programme officer at the European Commission</i>
EHDS, shaping Europe digital future	<ul style="list-style-type: none"> • Cross-border and EHDS • Guidelines eHN, Xt-EHR: vision for the next 2 years • XpanDH and xShare 	<ul style="list-style-type: none"> • Cross-border: Klara Jirakova, <i>eHealth Member State Expert Group (eHMSEG) Chair</i> • Xt-EHR: Pr. Christos Schizas, <i>President - National eHealth Authority of Cyprus, Xt-EHR coordinator</i> • XpanDH: Anderson Carmo, <i>Project Manager @ISCTE-IUL</i> • xShare: Giorgio Cangioli, <i>Technical Lead, Board member HL7 Europe</i>
Coffee Break		
Discussion on EHDS	Discussion around cross border sharing of data and patient access to this data within the EHDS	Panel of speakers from the block above

Block 3: focus on Europe

- EHDS regulation, context and explanation
- EHDS European Projects (MyHealth@EU, Xt-EHR, XpanDH and xShare)
- Discussion around cross-border sharing of data and patient access to this data

“Health data spaces: Leveraging IHE from use cases to real life implementation” Day 2

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Coffee Break		
Discussion on EHDS	Discussion around cross border sharing of data and patient access to this data within the EHDS	Panel of speakers from the block above

Block 4: focus on Europe

- EHDS regulation, context and explanation
- EHDS European Projects (MyHealth@EU, Xt-EHR, XpanDH and xShare)
- Discussion around cross-border sharing of data and patient access to this data

“Health data spaces: Leveraging IHE from use cases to real life implementation” Day 2

New regulations	<ul style="list-style-type: none">• European AI Act• European Interoperability Act	<ul style="list-style-type: none">• <i>Hugh Harvey, Managing Director at Hardian Health</i>• <i>Alain Ribault, Technical Director at Kereval and Thomas Doloue, Operation Director at Kereval</i>
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Block 5: New regulations

- European AI Act
- European Interoperability Act

“Health data spaces: Leveraging IHE from use cases to real life implementation”

Day 2

Keynote: Testing Continuum (Plugathon, Projectathon, Connectathon)		Lapo Bertini, Director of interoperability Product Strategy at Dedalus Italy
Data in action	<ul style="list-style-type: none"> Demonstrating the testing continuum in practice 	<p>Moderator: Claudio Saccavini, IHE Catalyst Managing Director</p> <ul style="list-style-type: none"> LACpass use case - Fernando Portilla, IDB (InterAmerican Development Bank) Haj use case - Carl Leitner, WHO and Monied Eid, MoH Kingdom of Saudi Arabia Senegal use case - Nils Kairser, Founder and Principal Advisor kaikai - ICT4D and Digital Development Pancanadian patient summary - Attila Farkas, Canada Health Infoway Italian use case - tbc
VIP TOUR		
Data in action	<ul style="list-style-type: none"> Panel on AI Track Plugathon 	<p>Moderator: Marc Kämmerer, Head of Innovation Management at Visus</p>
IHE SHARAZONE	<ul style="list-style-type: none"> The role of IHE SHARAZONE and updates 	<p>Bruno Laffin, V&V Connectivity Team Lead, AGFA HealthCare</p> <p>Charles Parisot, Standards & Interoperability, InteropHealth</p>
20 years anniversary IHE XDS	Panel on user experiences	Alexander Schanner , Medical IT services manager at Lower Austrian State Hospital Holding

Block 6: Testing Continuum

- Keynote speech on the testing continuum
- Data in action
 - Demonstration of Testing continuum
 - AI Plugathon
- IHE Sharazone
- 20 years anniversary of IHE XDS profile

IHE-Europe Plugathon Tracks 4-5-6 June 2024



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IHE Profiles
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Technical Coordinator
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4 - 5 JUNE

Educational SESSION 1

Date: June,4 - Time: 9am to 1pm

Room: Josef Ressel

Profiles: MHD, DSUBm, mXDE, IUA, mACM

Time	Speaker	Session
9.00 - 9.40	Mauro Zanardini/Gregorio Canal	<i>Introduction to IHE Profiles based on HL7® FHIR®, IUA</i>
9.40 - 10.20	Oliver Egger	MHD
10.20 - 11.00	Charles Parisot	mXDE
11.00-11.10	Coffee break	
11.10 - 11.50	Gregorio Canal	DSUBm
11.50 - 12.30	Derek Ritz	PMIR
12.30 - 13.00	open discussion	

IHE-Europe Plugathon Tracks 4-5-6 June 2024

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Educational SESSION 4

Date: June,5 - Time: 2.30pm to 5.30pm

Room : Josef Ressel

Profiles: mCSD, mADX, IPS

Time	Speaker	Session
2.30 - 3.10	Derek Ritz	mCSD
3.10 - 3.50	Lara Tramontan	mADX
3.50 - 4.00	Coffee break	
4.00 - 4.40	Daniel Berenzeanu	IPS
4.40 - 5.20	<i>El Hadji Babacar Fall</i> <i>Abdalla Miladi</i> <i>Nils Kaiser</i>	Senegal Project
5.20 - 5.45	open discussion	

EHDS

Track

Technical Coordinator

Mauro Zanardini

5 - 6 JUNE

Educational SESSION 1

Date: June,5 - Time: 9.00 am to 1.00 pm

Room: Josef Ressel

Time	Speaker	Session
9.00 - 10.20	Giorgio Cangioli	<i>Introduction to the European EHR Exchange Format and the Laboratory Report Implementation Guide</i>
10.20 - 11.00	José Costa Teixeira	IHE MPD - Medication Prescription and Dispense
11.00-11.15	Coffee break	
11.15 - 12.00	Sogei/Dip.Trasformazione Digitale	Italian experience on EHDS
12.00 - 12.45	Jürgen Brandstätter	XpanDH project

EHDS

Track

Technical Coordinator

Mauro Zanardini

5 - 6 JUNE

Educational SESSION 4

Date: June,6 - Time: 2.30 pm to 5.00 pm

Room : Josef Ressel

Time	Speaker	Session
2.30 - 3.15	Petra Hoogendoorn	<i>Label2Enable</i>
3.15 - 4.00	Sergio Tedeschi	NCPEH+ project and the relation with EHDS
4.00 - 4.15	Coffee break	
4.15 - 5.00	Giuseppe Sajeve	Italian telemedicine project PNT "Telemedicine National Platform"



Gazelle as IHE Test Management tool

17 May 2024
IHE-Europe Monthly Webinar

Gazelle as IHE Test Management tool

17 May
1 PM CEST

With **Anne-Gaëlle Bergé**
and **Daniel Berezeanu**



Guest speakers

Daniel Berezeanu

IHE Catalyst Product Manager

Anne-Gaëlle Bergé

Kereval eHealth interoperability expert

Some definitions

- Simulators
- Validators
- Reference implementations
 - Level I RI
 - Level II RI
 - Level III RI
- Client vs Server
- Proxy



Feature/Tool	Test Simulator	Validator	Reference Implementation
Focus	Functionality	Compliance	Standardization
Output	Simulated device behavior	Pass/fail results	Model implementation
Usage	Testing	Verification	Development guidance

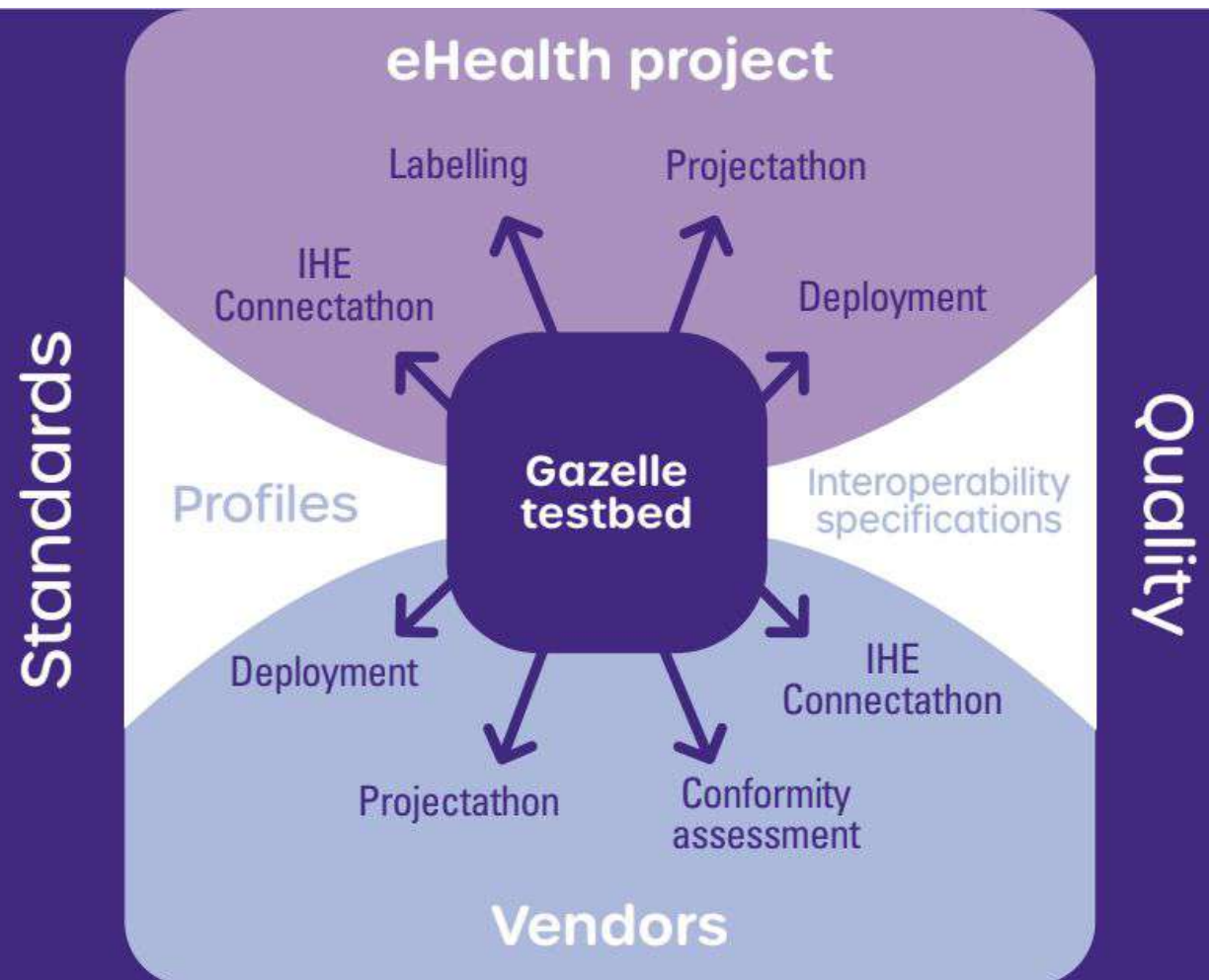
So what is Gazelle?

Gazelle is a Test Bed

- **Realistic Simulation**
- **Standardized Environment**
- **Collaboration**
- **Risk Mitigation**
- **Compliance**
- **Innovation**

Gazelle is an open-source, web-based test platform supporting a wide portfolio of interoperability test tools suited to validate interface conformity to IHE Profiles and project-specific standards-based interoperability specifications.

Vendors can validate their eHealth projects to procure interfaces they deploy.



What is Gazelle?

Gazelle is the Open Source platform that has supported IHE Connectathon, Projectathons and Conformity testing for the last 20 years

- Created from the knowledge in eHealth Interoperability by the IHE community
- Used by National initiatives (eHealth Suisse, ANS, Infoway Canada,...)
- Used in international contexts (WHO, European Commission, DG Santé,...)
- Used by various eHealth Vendors for conformity and interoperability testing, ...
- Used in some projects outside of eHealth domain (European Commission DG DIGIT,...)

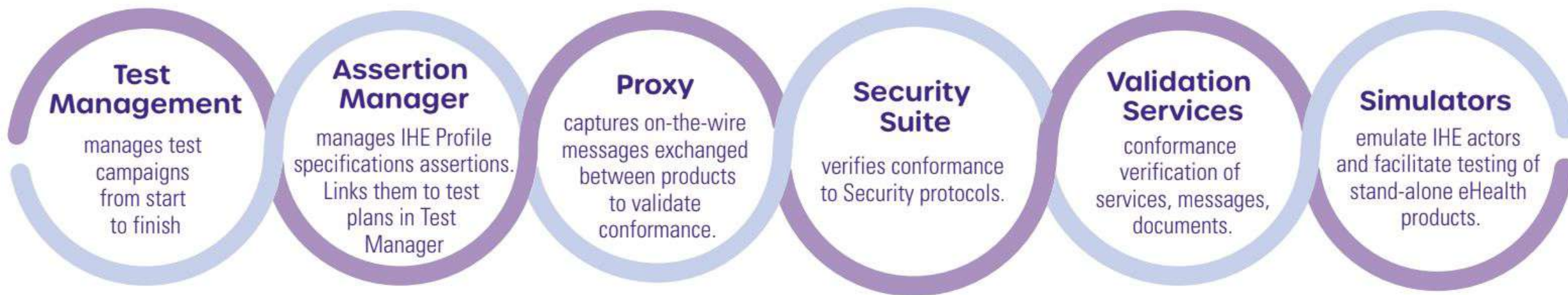
What is Gazelle?

Gazelle software and test plans:

- Bundle of Open-source code (developed for 20 years & > 2M lines of code) : more than 90 software components
- Core is mostly financed by IHE, Kereval + others (eHealth Suisse, ANS, Infoway,...) and Project specific tools (Validator, Simulators,...) are financed by various entities (IHE, ANS, DIGIT, Other)
- Test plans either based on Gazelle Master Model Database (Created by IHE experts) or private when developed for specific contexts (DIGIT, ...)
- Maintained by > 12 developers
- Increase of Gazelle usage over the years : From 1-3 instances in 2010 to close to 50 in 2024

What is Gazelle ecosystem?

Gazelle delivered either as an in-house version or a cloud-based version. It includes:



What is the Gazelle ecosystem?



Gazelle Core

Test Management

User
Management

Interoperability
model
management

Test Plan
Management

Test
Management

System &
Product
management

TM API

EVSCient

Validator
Management

Message
Content
Analyser

EVSCient API

Gazelle Proxy

Assertion
Manager

Gazelle Security Suite

PKI

TLS
testing

XUA
Testing

Audit
message
testing

Gazelle Tools

HL7 Validator

HL7 v2
Validator

HL7 v3
Validator

Gazelle Object
Checker

HTTP
Validator

DCC Validator

CDA Validator

X validator

Schematron
Validator

FHIR Validator

XDStarClient

XD* Validators

XD* Simulator
Clients

IUA Simulator

Demographic
Data Server

HPD Simulator

Order
Manager

Patient
Registry

Patient
Manager

SVS simulator

STS simulator

Ecosystem Tools

NIST

NIST XDSTools

NIST FHIR
Toolkit

HL7 IGAMT



Central Data
Repository



MITRE
HL7® FHIR®



ITB
XML/JSON
Validators



AHDIS
Matchbox



ART-DECOR



DCM4CHEE



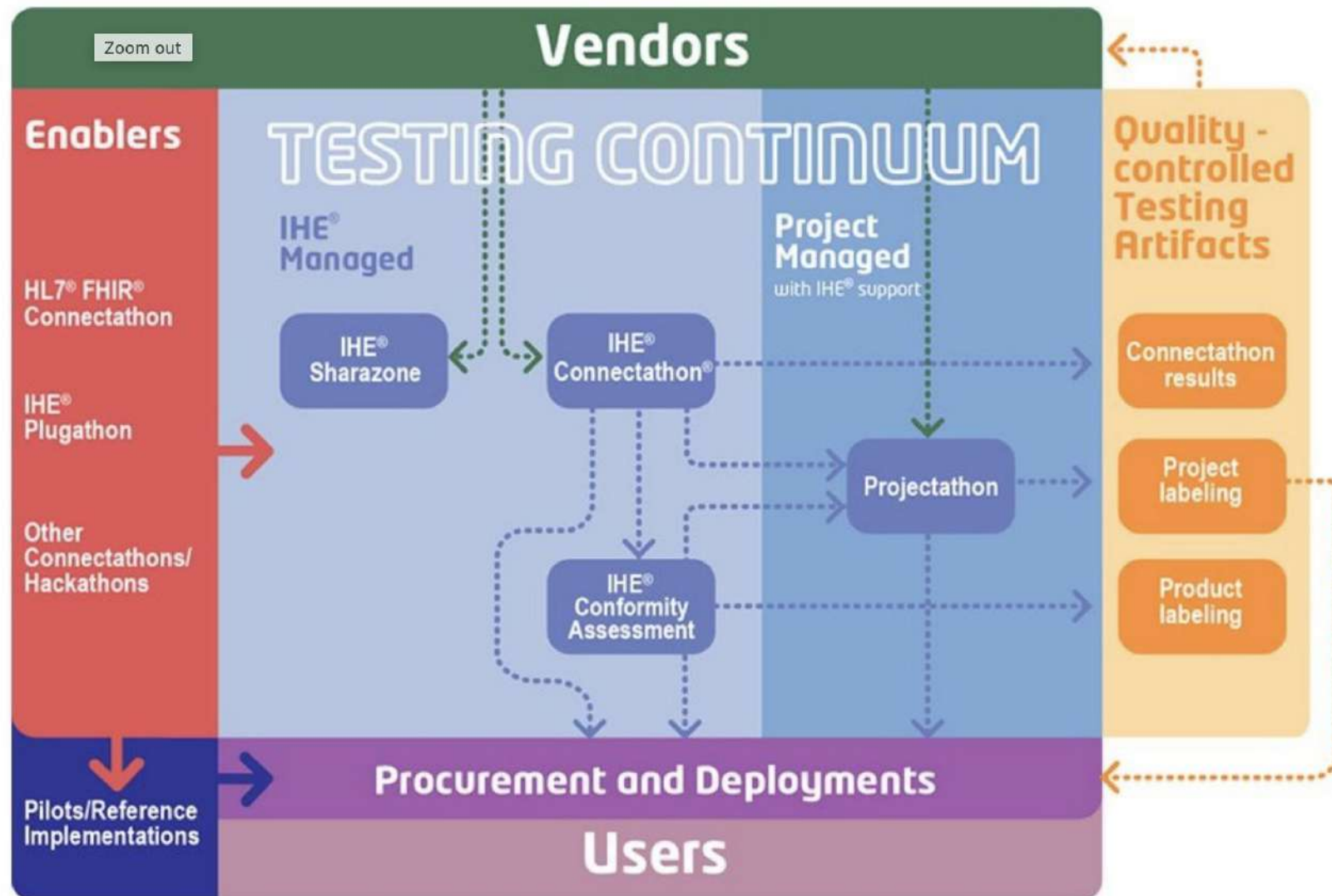
GE Dccheck
(licence tool)



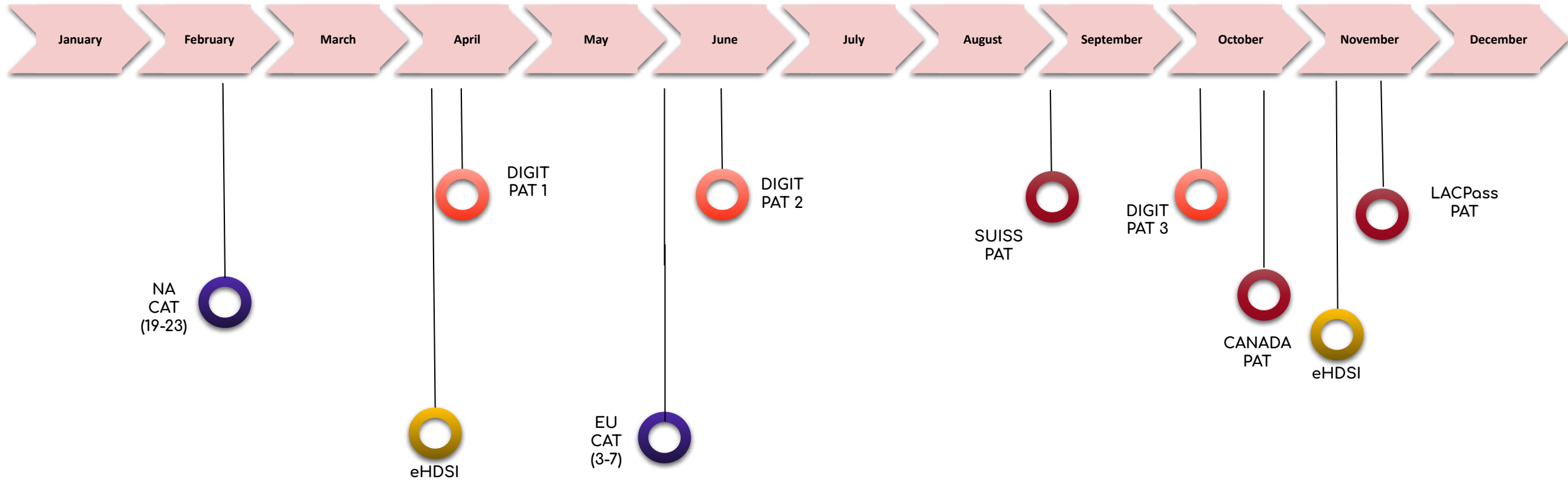
Dicom3tools

2001: Charenton-le-pont Paris, France
 2002: Villejuif in Paris, France
 2003: Aachen, Germany
 2004: Padova, Italy
 2005: Noordwijkerhout, The Netherlands
 2006: Barcelona, Spain
 2007: Berlin, Germany
 2008: Oxford, UK
 2009: Vienna, Austria
 2010: Bordeaux, France
 2011: Pisa, Italy
 2012: Bern, Switzerland
 2013: Istanbul, Turkey
 2014: Vienna, Austria
 2015: Luxembourg
 2016: Bochum, Germany
 2017: Venice, Italy
 2018: The Hague, The Netherlands
 2019: Rennes, France
 2020: Brussels, Belgium
 2021: Ostrava, Czech Republic
 2022: Joint Connectathon, Switzerland/USA
 2023: Rennes, France
 2024: Trieste, Italy





Projectathons



16 Countries :

○ Latine America : 8



○ Central America : 6



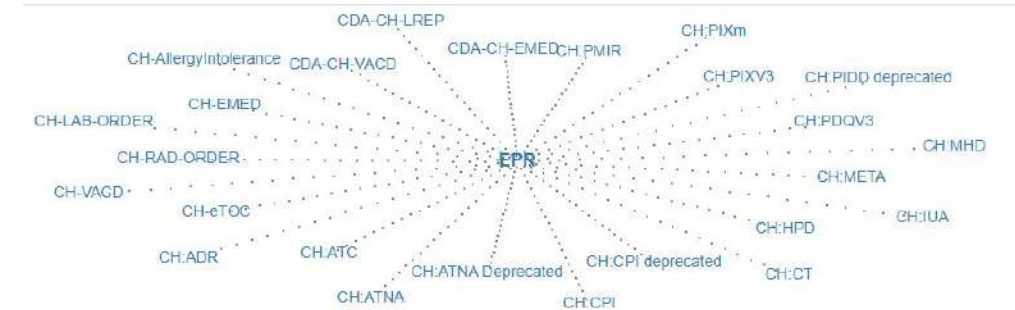
○ North America : 2



IHE Profiles		WHO - Digital Adaptation Kit		Block Chain Technology	
IPS International Patient Summary	MHD Mobile Health Document	DDVC Digital Documentation Vaccination Certificate	LACCHAIN Innovation		
Bahamas	Bahamas	Belize	Belize		
Belize	Belize	Chile	El Salvador		
Brazil	Brazil	Costa Rica	Honduras		
Chile	Chile	Ecuador	Paraguay		
Colombia	Colombia	El Salvador	Peru		
Costa Rica	Costa Rica	Guatemala	Suriname		
Ecuador	Ecuador	Honduras			
El Salvador	El Salvador	Panama			
Guatemala	Guatemala	Paraguay			
Honduras	Honduras	Peru			
Panama	Panama	Suriname			
Paraguay	Paraguay	Uruguay			
Peru	Peru	USA			
Suriname	Suriname				
Uruguay	Uruguay				
USA	USA				

How does Gazelle support Projectathons?

- Allows the modeling of the local interoperability specifications, basis for designing test cases and registering the systems under test for testing
- Provides extendable tools that can be adapted to the local interoperability specifications (simulators, validation services)
- Integrates with external tools



-
- ```

graph TD
 ADT[ADT Patient Registration] -- "RAD-1
RAD-12" --> OP[Order Placer]
 ADT -- "RAD-1
RAD-12" --> DS[Department System Scheduler/Order Filler]
 OP -- "RAD-3
RAD-48" --> DS
 OP -- "RAD-2" --> DS
 AM[Acquisition Modality] -- "RAD-5" --> DS
 AM -- "RAD-6
RAD-7" --> PPSM[Performed Procedure Step Manager]
 EC[Evidence Creator] -- "RAD-6
RAD-7
RAD-20
RAD-21" --> PPSM
 PPSM -- "RAD-6
RAD-7
RAD-20
RAD-21" --> DS
 PPSM -- "RAD-6
RAD-7
RAD-20
RAD-21" --> IM[Image Manager / Image Archive]
 EC -- "RAD-8
RAD-10" --> IM
 EC -- "RAD-18
RAD-7
RAD-10" --> ID[Image Display]
 ID -- "RAD-14
RAD-16" --> IM
 DS -- "RAD-12
RAD-4
RAD-13
RAD-42" --> IM
 IM -- "RAD-11
RAD-42
RAD-49" --> DS

```



## Entering a new test case in Gazelle

Test Summary

Keyword \*

Name \*

Short Description \*

Type \*

connectathon

Status

ready

Peer Type \*

Please Select...

Is external tool ?

☐

Is Orchestrable

☐

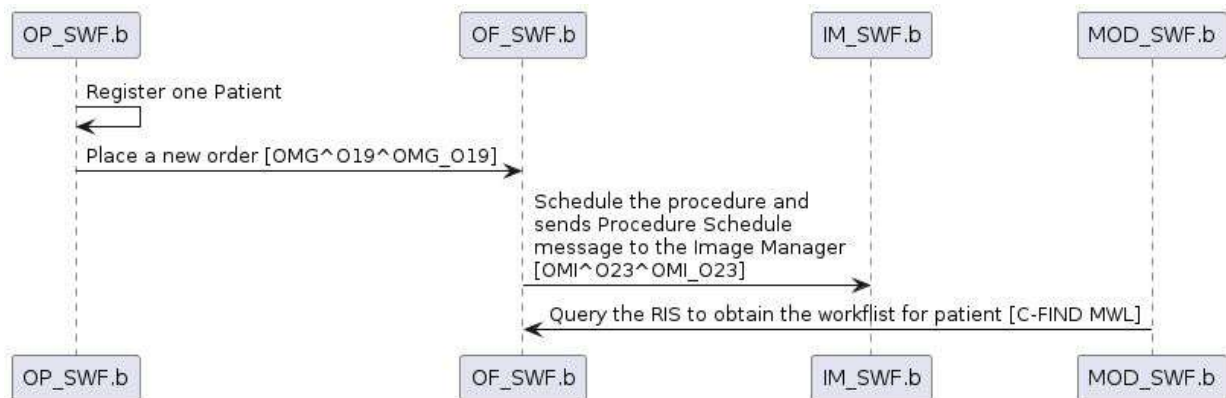
is Validated ?

☐

Version

Cancel

Add this test



GATEWAY\_Secure messaging

MHD Document Recipient (None)

| Test case(s)                    | Action | Test type   | Optionality | Target       | Partners     | Run(s)                                   |
|---------------------------------|--------|-------------|-------------|--------------|--------------|------------------------------------------|
| 01_CapabilityStmL_ResourceCheck | ▶      | connection  | Required    | 1 / 1 run(s) | No-peer test | 79511 ✓                                  |
| MHD_10_ITI-65-SetupToolkitProxy | ▶      | connection  | Required    | 1 / 1 run(s) | No-peer test | 79501 ✓                                  |
| MHD_11_Toolkit_RecpMinimal      | ▶      | connection  | Required    | 1 / 1 run(s) | No-peer test | 79474 ✓                                  |
| MHD_22_ProvideDocBundle_ITI-65  | ▶      | connection  | Required    | 3 / 3 run(s) | 4/5          | 80027 ✓<br>78800 ✓<br>79923 ✓<br>80346 ✓ |
| MHD_22a_ITI-65_Resource_Check   | ▶      | connection  | Optional    | 0 / 1 run(s) | No-peer test |                                          |
| MHD_25_Create_with_Lit_Resource | ▶      | connection  | Optional    | 0 / 1 run(s) | 0/5          |                                          |
| EVS_FHIR_ID-based_Validation    | ▶      | preparatory | Required    | 0 / 1 run(s) | No-peer test |                                          |
| FHIR_CapabilityStatement        | ▶      | preparatory | Required    | 1 / 1 run(s) | No-peer test | 77711 ✓                                  |
| FHIR_Toolkit_MHD_Doc_Recipient  | ▶      | preparatory | Required    | 1 / 1 run(s) | No-peer test | 77709 ✓                                  |
| XDS_Metadata_Do_This_First      | ▶      | preparatory | Required    | 1 / 1 run(s) | No-peer test | 77476 ✓                                  |

Applies to

Test cases

## MHD\_22\_ProvideDocBundle\_ITI



- See Test Description above re use of NIST FHIR Toolkit Proxy. The NIST FHIR Toolkit Proxy is C than the Gazelle Proxy. Please i above.

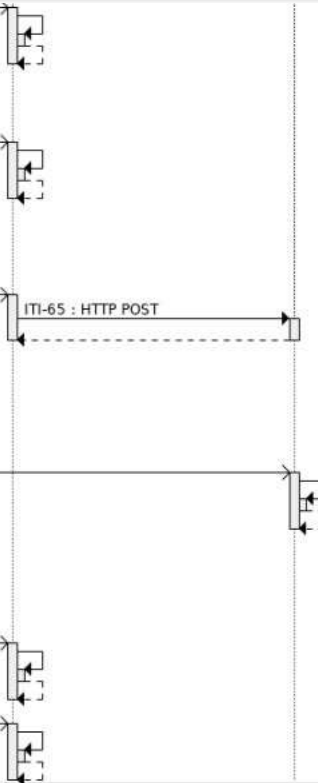
- See Special Instructions regarding Patient Resources. The Document Source determines the Patient that will be referenced in the submission.

- Document Source performs HTTP POST (JSON or XML format) to send a Bundle containing a new document to the Document Recipient. PASTE the NIST FHIR Toolkit PDB POST Event URL in this step.

- If the Document Recipient successfully accepted the submission, it responds with bundle that contains one entry for each resource received from the Doc Source, and an HTTP response code 200 (OK). PASTE the NIST FHIR Toolkit PDB Response Event URL in this step.

- If the Doc Source and Doc Recipient support ability to perform replace, append, and/or transform on an already-submitted document, the partners may want to proceed now to perform those other tests now.

- Intentionally left blank.

Test plan and  
list of partners

System viewer

GATEWAY\_Secure messaging - Bastion 365 2023

Completed

System summary Profiles/Actors Configurations 2023 IHE Connection, Rennes, France

IHE Actors/Integration Profiles/Options implemented by Bastion 365 2023

| Integration profile                        | Testability | Actor                                        |
|--------------------------------------------|-------------|----------------------------------------------|
| ATNA - Audit Trail and Node Authentication | Testable    | SA - Secure Appl                             |
| ATNA - Audit Trail and Node Authentication | Testable    | SA - Secure Appl                             |
| ATNA - Audit Trail and Node Authentication | Testable    | SA - Secure Appl                             |
| CT - Consistent Time                       | Testable    | TIME_CLIENT -                                |
| IUA - Internet User Authorization          | Testable    | AUTH_CLIENT -                                |
| MHD - Mobile access to Health Documents    | Testable    | DOC_CONSUME                                  |
| MHD - Mobile access to Health Documents    | Testable    | DOC_RECIPEN                                  |
| MHD - Mobile access to Health Documents    | Testable    | DOC_RECIPEN                                  |
| MHD - Mobile access to Health Documents    | Testable    | DOC_RESPONDER - Document Responder           |
| MHD - Mobile access to Health Documents    | Testable    | DOC_RESPONDER - Document Responder           |
| QEDm - Query for Existing Data for Mobile  | Testable    | CLIN_DATA_CONSUMER - Clinical Data Consumer  |
| QEDm - Query for Existing Data for Mobile  | Testable    | CLIN_DATA_CONSUMER - Clinical Data Consumer  |
| QEDm - Query for Existing Data for Mobile  | Testable    | CLIN_DATA_CONSUMER - Clinical Data Consumer  |
| WIA - Web-based Image Access               | Testable    | IMG_DOC_CONSUMER - Imaging Document Consumer |

Partners with role DOC\_SOURCE-MHD

| System                   | Table | Tested |
|--------------------------|-------|--------|
| OTHER_IRM_2023           | C1    | ✓      |
| OTHER_HYLAND_EI          | I5    | ✓      |
| OTHER_Cloud_Vitality_Hie | E11   | ✓      |
| OTHER_Gnomon_eHPCDR      | I7    | ✓      |
| EHR_VISUAPPS             | F8    | ✗      |
| OTHER_TIE_23             | I12   | ✗      |

|                                                                  |  |
|------------------------------------------------------------------|--|
| NONE - None                                                      |  |
| XDS_ON_FHIR - XDS on FHIR                                        |  |
| NONE - None                                                      |  |
| NONE - None                                                      |  |
| QEDm_SIMPLE_OBSERVATIONS - QEDm Simple Observations              |  |
| QEDm_DOCUMENT_PROVENANCE - QEDm Document Provenance              |  |
| MHD_DOC_CONSUMER_INTEGRATION - MHD Document Consumer Integration |  |

Test cases



System  
test

Test Instance Steps

| Step                                                                                                                                                                                                                                                                                                               | Trans | Trans - Message Type | Opt. | Sending Actor | Receiving Actor | Status | Validation Status |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------|------|---------------|-----------------|--------|-------------------|
| -- Instructions: R GATEWAY_BH2_test - SA GATEWAY_BH2_test - SA                                                                                                                                                                                                                                                     |       |                      |      |               |                 |        |                   |
| Desc: Read the "Test Description" section above. If you completed the tests in the "Audit Messages" tab of your ATNA questionnaire by doing 11116 prior to the Connectathon, you do not need to re-run those steps. If you did not, find the link to test 11116 in the Test Description above and do the work now. |       |                      |      |               |                 |        |                   |
| Logs: No comment, file or URL.                                                                                                                                                                                                                                                                                     |       |                      |      |               |                 |        |                   |
| Upload a file (click or drag)                                                                                                                                                                                                                                                                                      |       |                      |      |               |                 |        |                   |
| -- Instructions: R GATEWAY_BH2_test - SA GATEWAY_BH2_test - SA                                                                                                                                                                                                                                                     |       |                      |      |               |                 |        |                   |
| Desc: After you validate Audit Messages in your ATNA Questionnaire, copy the permanent link (URL) to your questionnaire and paste it into this step. That will make it easy for the monitor to quickly find your questionnaire.                                                                                    |       |                      |      |               |                 |        |                   |

| Step                     | Trans | Trans - Message Type | Opt.                    | Sending Actor | Receiving Actor | Status | Validation Status |    |    |     |      |
|--------------------------|-------|----------------------|-------------------------|---------------|-----------------|--------|-------------------|----|----|-----|------|
| GATEWAY_Secure messaging | ATNA  | SA                   | ATX_FHIR_FEED           | T             | 3/0             | 50%    | 0%                | 0% | 0% | 1/4 | Pass |
| GATEWAY_Secure messaging | ATNA  | SA                   | STX_TLS1.2_FLOOR_BCP195 | T             | 2/0             | 100%   | ?                 | ?  | ?  | 0%  | Pass |
| GATEWAY_Secure messaging | MHD   | DOC_RECIPIENT        | NONE                    | T             | 8/2             | 88%    | 0%                | 0% | 0% | 4/6 | Pass |

Chat Room

Nabila AAZIBOU EL GERRAB (BH2) Status changed to : Running 12/02/23 12:33:02 PM (GMT+01:00)

Back to top

IHE-EU DEV\_IHE-EU\_COPY\_0 IC CONTENT\_CREATOR

1 Participants

Select partner system(s) for the role : CONTENT\_CONSUMER-IC

Card min: 1

Card max: 1

Tests that need to be verified

168 tests to be verified.

| Id    | Test Name              | Test type   | Last Update        | Test participants     | Monitor |                 |                      |  |
|-------|------------------------|-------------|--------------------|-----------------------|---------|-----------------|----------------------|--|
| 76668 | EVS_ITI-41             | preparatory | 7/11/23 5:03:37 PM | EHR_ISST_IVY_23 (C11) | XDS.b   | DOC_SOURCE      | NONE                 |  |
| 76669 | EVS_ITI-41-Response    | preparatory | 7/11/23 5:06:04 PM | EHR_ISST_IVY_23 (C11) | XDS.b   | DOC_REPOSITORY  | NONE                 |  |
| 76676 | EVS_ITI-62-Response    | preparatory | 7/12/23 1:26:37 PM | EHR_ISST_IVY_23 (C11) | XDS.b   | DOC_REGISTRY    | DOC_METADATA_UP DATE |  |
| 76678 | EVS_ITI-42-Response    | preparatory | 7/12/23 2:31:30 PM | EHR_ISST_IVY_23 (C11) | XDS.b   | DOC_REGISTRY    | NONE                 |  |
| 76679 | EVS_ITI-43             | preparatory | 7/12/23 3:30:21 PM | EHR_ISST_IVY_23 (C11) | XDS.b   | DOC_CONSUMER    | NONE                 |  |
| 76680 | EVS_ITI-43-Response    | preparatory | 7/12/23 3:33:18 PM | EHR_ISST_IVY_23 (C11) | XDS.b   | DOC_REPOSITORY  | NONE                 |  |
| 76687 | EVS_ITI-52             | preparatory | 7/13/23 2:57:48 PM | EHR_ISST_IVY_23 (C11) | DSUB    | DM_SUBSCRIBER   | NONE                 |  |
| 76688 | EVS_ITI-52-Unsubscribe | preparatory | 7/13/23 3:06:57 PM | EHR_ISST_IVY_23 (C11) | DSUB    | DM_SUBSCRIBER   | NONE                 |  |
| 76689 | EVS_ITI-63-Response    | preparatory | 7/13/23 3:06:53 PM | EHR_ISST_IVY_23 (C11) | DSUB    | DM_NOTIFICATION | NONE                 |  |

Test  
Report



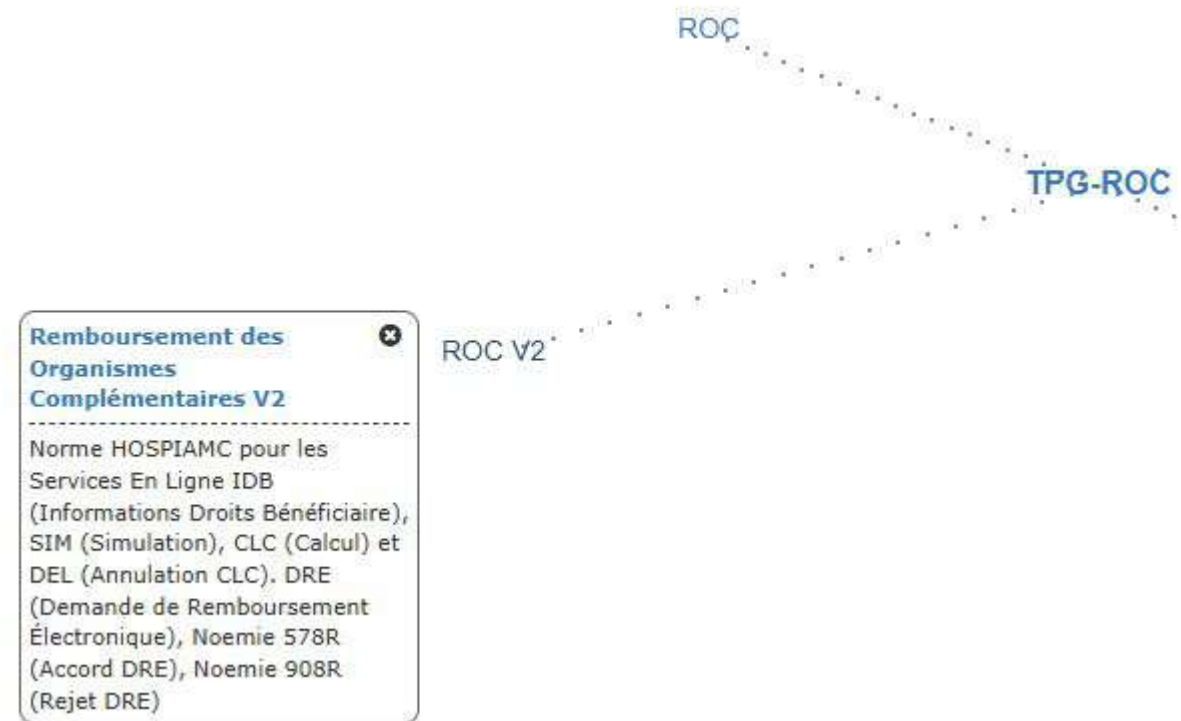
## Purpose

Sharing of data between the national social insurance and the private insurances about reimbursement of healthcare services to patients

## Which usage of Gazelle?

Conformity test session to assess the compliance with the French NOEMIE standard

Tailored test tools for validating flat text formatted messages and datamatrix





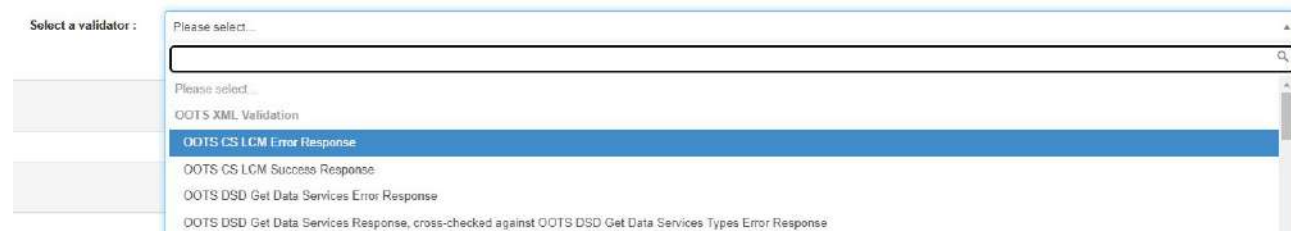
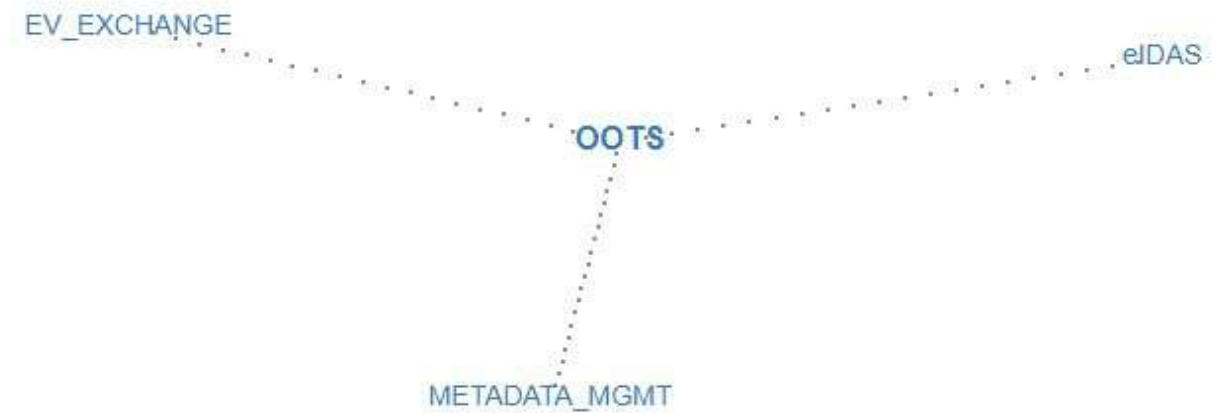
## Purpose

Creating an infrastructure for sharing informations between public and private administrations across member states

## Which usage of Gazelle?

To support Projectathons acting as development accelerators and live laboratories for the member states to meet the deployment deadline

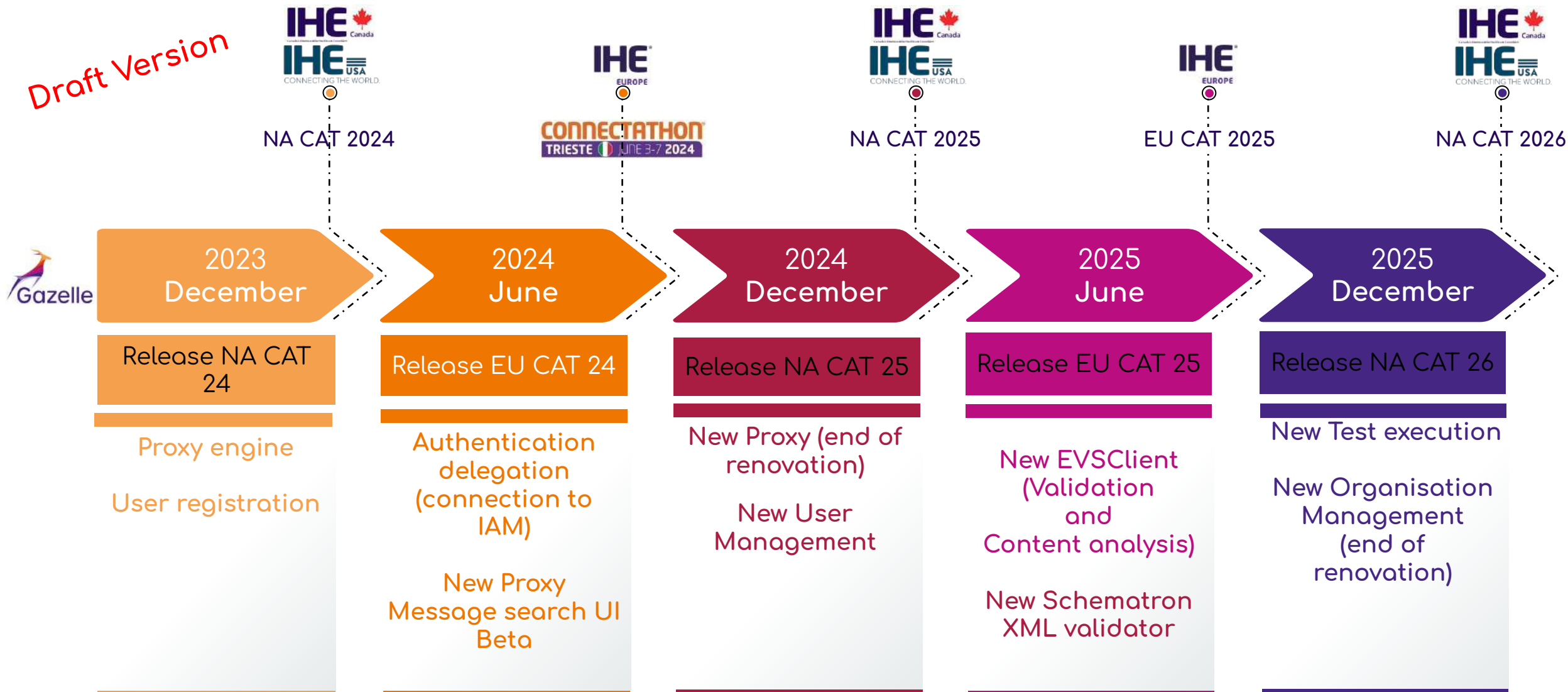
Gazelle integrates with ITB validation services (through EVS Client)





# Shaping Gazelle for future

*Draft Version*



## IHE-Europe Experience Days 3-4 June 2024



## IHE-Europe Plugathon Tracks 4-5-6 June 2024

**IHE Profiles**  
based on  
**HL7® FHIR®** Track  
*Technical Coordinator*  
**Mauro Zanardini**  
**4 - 5 JUNE**

**EHDS**  
Track  
*Technical Coordinator*  
**Mauro Zanardini**  
**5 - 6 JUNE**



<https://connectathon.ihe-europe.net/connectathon-week-2024>

## Keep an eye on the upcoming IHE-Europe Monthly webinars:

- July & September, October, ...
- 2nd or 3rd Friday at 1PM CET
- see programme here: [www.ihe-europe.net/IHE\\_Europe\\_Webinars](http://www.ihe-europe.net/IHE_Europe_Webinars)

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