

IT Connects the World at the IHE North American Connectathon

An Introductory Webinar for New and Previous Participants

Thanks for joining us today

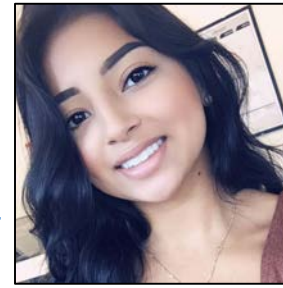
- Webinar will be recorded and posted online at www.iheusa.org/webinars-ihe-usa
- We will host a Q&A session at the end of the webinar
- Submit your questions in advance using the Q&A box on the lower left hand of your WebEx



IHE USA and Connectathon Support



Phil Depalo
Technical Project Manager
Email: naconnectathon.helpdesk@gmail.com



Emely Lemus
Associate Manager, Informatics HIMSS
IHE NA Connectathon Project Manager
Email: elemus@himss.org

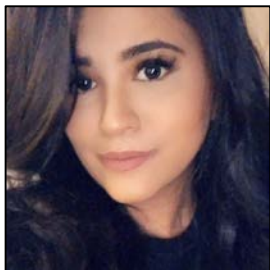


Sarah Bell
Coordinator, HIMSS
IHE Liaison
Email: sbell@himss.org



Amit Trivedi
Director, Informatics & HIT Standards
HIMSS
Email: atrivedi@himss.org

HIMSS Interoperability Showcase™ and Support



Natasha Amershi
Coordinator, Informatics
NAmershi@himss.org



Bronwen Huron
HIMSS, Sr. Manager, Informatics
Email: showcase@himss.org



Phil DePalo
Technical Project Manager
Email: drphil@consultology.us

Today's Agenda

- What is IHE?
- Benefits of Interoperability Testing
- The Relevance of IHE in United States
- Participation in the IHE Connectathon
- HIMSS Interoperability Showcase™
- Questions?

What is IHE?

Integrating the Healthcare Enterprise (IHE) is an International Standards Development/Profiling Organization

- Founded in 1999 by RSNA and HIMSS
- Develops free technical specifications, called IHE Profiles, to achieve interoperability
- Promotes the coordinated use of established standards to address specific clinical needs in support of optimal patient care

Vision: To enable seamless and secure access to information whenever and wherever it is needed

Mission: To improve healthcare by providing specifications, tools and services for interoperability

What are the Benefits of Using IHE?

- IHE provides workflow driven standards-based interoperability solutions that are freely available in the public domain
- IHE profiles document how to constrain mature standards and resources to enable consistent implementation
- IHE specifications are vetted through the ISO process
- IHE removes barriers to create seamless and secure access to health data
- IHE can reduce costs by reducing the number of interfaces needed between systems through agreement on a common implementation of existing standards

What do IHE Profiles do?

- IHE Profiles provide a common language for purchasers and vendors to discuss the integration needs of healthcare providers and the integration capabilities of healthcare IT products.
- They offer developers a clear implementation path for communication standards supported by industry partners and carefully documented, reviewed and tested.
- They give purchasers a tool that reduces the complexity, cost and anxiety of implementing interoperable systems.

What is the IHE Connectathon?

- IHE Connectathons are **NOT** Hackathons.
- Connectathons are structured testing events, managed by experienced, neutral, technical experts (monitors) and supported by robust testing tools, including the Gazelle test management platform.
- IHE Connectathons provide a safe and neutral environment to test, debug and improve implementations.
- Connectathons are an important step in the implementation and testing process to enable rapid adoption of standards-based interoperability by vendors and users of health information systems.
- Connectathons are held annually in Asia, Europe and North America.

Benefits of Interoperability Testing

- One of the key benefits of attending the Connectathon is being able to test information exchange with other systems in a structured and supervised **peer-to-peer** testing environment.
- The Connectathon provides detailed validation of the participants' interoperability and compliance with IHE profiles.
- Connectathons play a key role helping to validate and improve the quality of the profile specifications. Any errors or ambiguities are fed back to the authors and the specs are updated.
- Connectathons offer vendors a unique opportunity for connectivity testing, removing barriers to integration that would otherwise often need to be addressed on site, at the customer's expense.

Key Benefits to Connectathon Participation

**20+ years of
experience**

- Build quality into your products
- Reduce product development costs and time to market
- Gain knowledge from industry's top health IT professional and experts
- Test product capabilities with key players such as:
 - o EHR and device vendors
 - o Public health agencies
 - o Key infrastructure players
- Demonstrate leadership in interoperability
- Qualify to participate in public demonstrations such as the HIMSS Interoperability Showcase™

Advancing Interoperability in the U.S. and Beyond

IHE International Initiatives at the 2020 Connectathon

- Continua/IHE PCD 2.0 - Personal Connected Health
- Computable Care Guidelines Workshop & Panel
- FHIR(R) / Profiling Tutorials & Educational Opportunities



National Initiatives and Projects

- ONC 2019 [Interoperability Standards Advisory](#)
- Interoperability Proving Ground
- IHE USA's Cooperative Agreement with ONC
 - Developing stronger feedback mechanisms
 - Supporting real world testing
 - New and updated IHE profiles that support FHIR(R)

IHE NA Connectathon 2020



More info on www.iheusa.org

IHE NA Connectathon 2019 Stats

January 21-25, 2019 at the Huntington Convention Center & HIMSS Innovation Center



- 60 participating organizations
- 84 health IT systems tested
- 435 on-site participants
- Educational workshop focused on benefits of IHE implementation
- 2,600 tests were verified by 40 monitors
- 65 of these health IT systems were featured in use cases at the HIMSS Interoperability Showcase™

IHE NA Connectathon 2020 Week

- A powerful industry event uniting hundreds of health IT professionals
- Leading organizations partner together to advance health IT interoperability in North America
- Founded on the world's largest interoperability testing event, IHE USA offers exceptional educational and networking opportunities



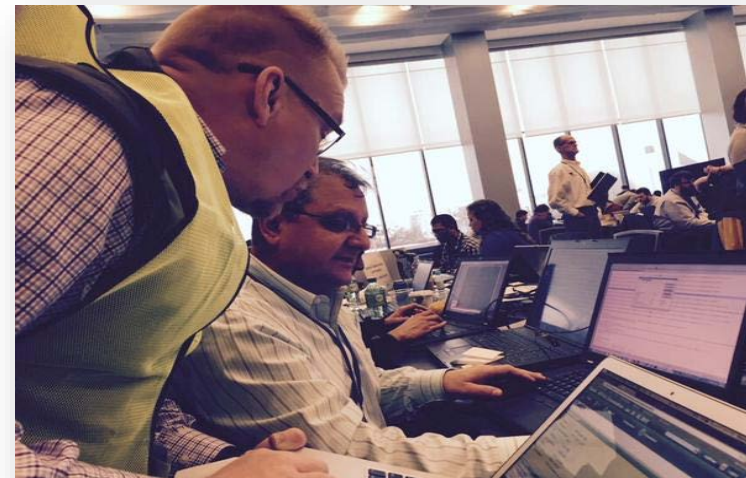
IHE NA Connectathon 2020 Testing Options

- IHE Profiles
- Core set of FHIR-based IHE Profiles = API's
- Continua Design Guidelines
- Project Gemini



***What is Project Gemini?**

A collaborative project between IHE, HL7 and the FHIR Foundation to demonstrate clinical benefits from implementing FHIR and IHE



IHE Connectathon Results

- IHE publishes results for all actor/profile pairs successfully tested
 - Results published in the IHE Connectathon Results Database
 - Link: <http://connectathon-results.ihe.net/>
- IHE does not guarantee conformance to your customers
- IHE never publishes failures or incomplete tests
- IHE Connectathon testing is not certification
- Successful testing provides option to demonstrate at the HIMSS20 Interoperability Showcase™
 - March 9-13, 2020 in Orlando, Florida



IHE NA Connectathon 2020 Fees

- \$8,800 for one test system
- \$4,800 for each additional test system
- Participant can test multiple IHE Profiles across multiple domains on their system
- Staff badge fees are not included and will be collected after system registration

System Fees include:

- Table with two chairs on-site
- Access to the Connectathon network
- Electrical service
- Access to test tools to support preparation
- Staff support from registration through the end of testing
- Option to participate in any HL7 FHIR® based testing tracks
- One free registration to the IHE & Innovation Educational Program/Networking Event

**Scholarship and First-Time
Participant Discounts
Available Online**

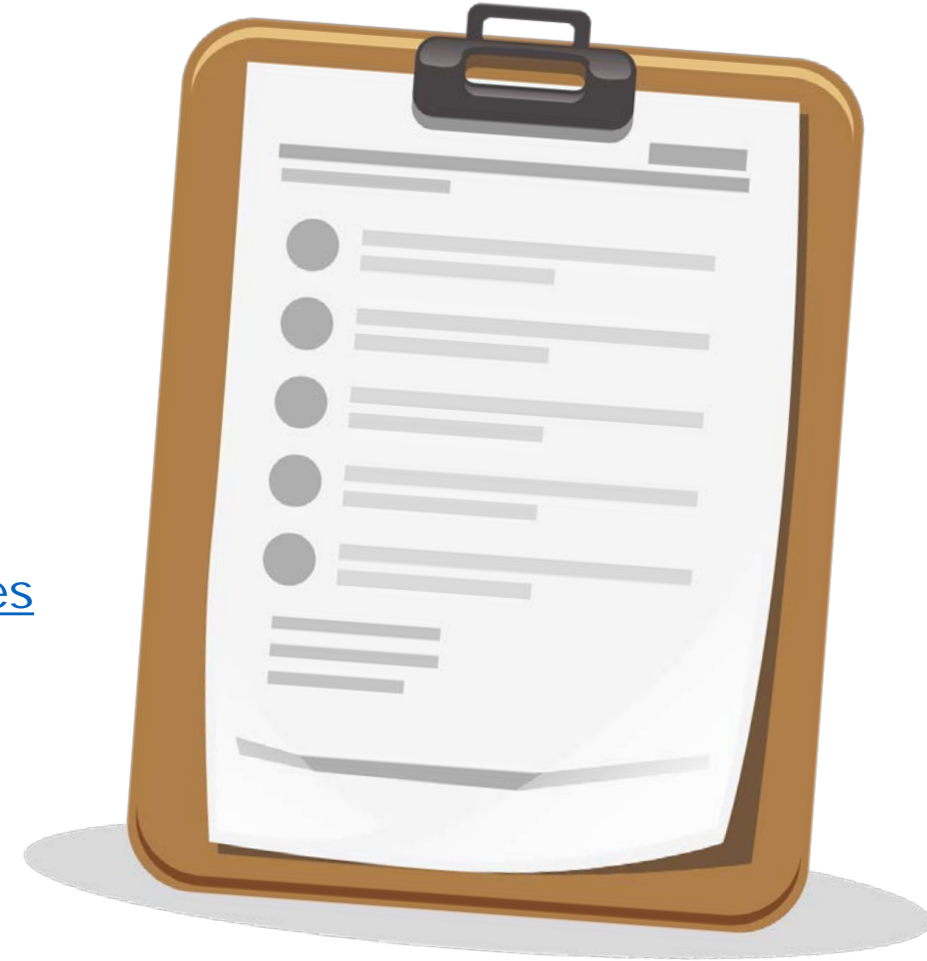
Visit the system registration page for more details:

www.iheusa.org/system-registration

System Registration

September 12–October 25, 2019

- Follow instructions on IHE USA's System Registration webpage www.iheusa.org/system-registration
- Register your system and submit your signed contract and payment by **November 1, 2019**
- Review IHE USA's Policies and Guidelines www.iheusa.org/ihe-connectathon-participant-resources
 - o Guidebook for IHE NA Connectathon 2020
 - o Designed to ensure successful testing
 - o Incorporated into system contract
- IHE's Technical Project Manager Support Page
 - o <https://gazelle.ihe.net/cat/NA2020>



IHE Profile Selection – Start asking questions today

What IHE Profiles will you test?

- Registration requires selection of IHE Profiles (not just a contract)
- Read the brief profile descriptions at wiki.ihe.net/index.php/Profiles
- Read IHE's technical frameworks at www.ihe.net/Technical_Frameworks
- Watch IHE International free educational webinars online at www.ihe.net/Webinars

Manage Expectations

- Start asking the Technical Project Managers questions now
- Determine outside factors that influence IHE Profile selection
- Assign staff and resources now for IHE NA Connectathon 2020

Contact Phil DePalo at:

naconnectathon.helpdesk@gmail.com

IHE Connectathon Resources

IHE NA Connectathon Registration	www.iheusa.org/ihe-connectathon-registration
Participant Resources including Policies & Guidelines, Schedule, etc.	www.iheusa.org/ihe-connectathon-participant-resources
Gazelle	https://gazelle.iheusa.org
Technical Manager's Support Website	https://gazelle.ihe-europe.net/cat/NA2020
IHE Technical Frameworks	ihe.net/Technical_Frameworks/

HIMSS Global Conference Overview

- A global opportunity, hosted in the US, to engage our audiences
- #1 Largest Health Event in U.S.
- Top 25 Largest Events of any Industry in U.S.
- 43,000+ Conference Attendees
- 1,300+ Exhibitors
- 400+ education sessions

HIMSS 20

Global Health Conference & Exhibition

Be the change

MARCH 9-13, 2020 • ORLANDO, FL
Orange County Convention Center



HIMSS Interoperability Showcase

- IHE NA Connectathon provides testing for participants that are demonstrating IHE Profiles* in the HIMSS Interoperability Showcase
- Registration for these events requires two (2) separate contracts and fees

*If you are demonstrating an IHE profile you must register, attend and successfully pass at an IHE Connectathon (separate fee required). Your system must have tested that profile at a Global Connectathon within 12 months prior to conference.

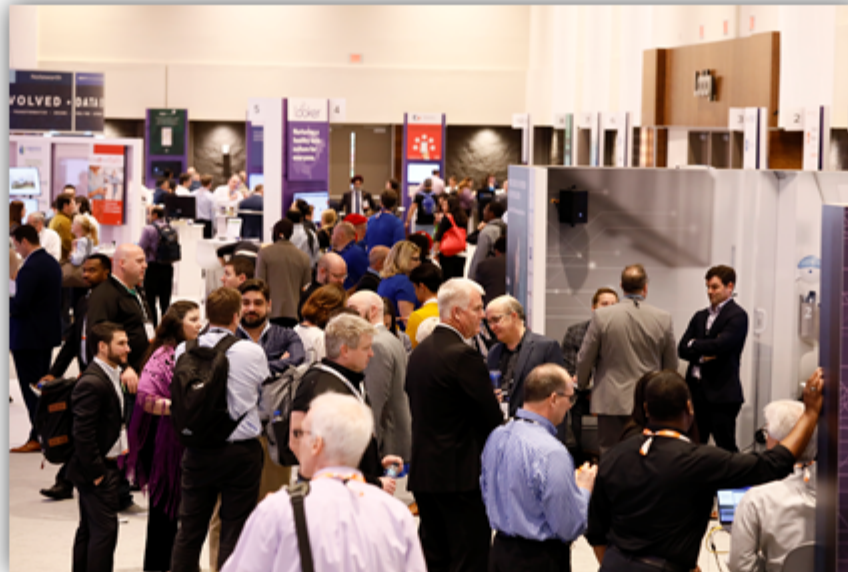


The Showcase will be located on the main aisle of the exhibit floor



HIMSS Interoperability Showcase

- [HIMSS Interoperability Showcase](#) Our mission is to demonstrate the power of standards-based interoperability by showcasing technology exchanging and using data in real time to improve care, outcomes and experience.



HIMSS19 Accomplishments of the HIMSS Interoperability Showcase

- Nearly **11,000** visitors attended, making it the highest trafficked area on the floor.
- **1 out of 4** conference attendees prioritized their visit to this space.
- We had the highest percentage of **C-Suite Attendees** of all the pavillions.
- Visitors spent an average of **40 minutes** at the exhibit.
- Attendees gave the exhibit the **highest satisfaction rating** on the show floor.
- More than **85 organizations** and **127 demonstrating technologies** and initiatives participated.

Three levels of participation

- Marketplace
 - Stand alone kiosk
- Connected Demonstration
 - 1 technology in a connected demonstration, with the opportunity to add additional technologies to participate in multiple areas, at a discounted rate.
- Premier
 - 6 technologies in connected demonstration(s) with limited availability to host a demonstration. Includes a 60 minute speaking session within our Education Theater.



Connected Demonstrations

- 7 to 10 participating organizations collaborate to demonstrate different use cases in a single story focused on an individual.
- These organizations may never have worked together but through the power of standards are able to connect and exchange.
- Not all participants exchange with each other, but each participant must be able to exchange with another.
- Participants work with HIMSS and other organizations to develop unique storylines that explore the value of their interoperability solutions.
- Each organization brings its own perspective and story to tell, making each use case one-of-a-kind.
- Demonstrations also place the solutions in clinical context, allowing visitors to engage in the interoperability story of an individual – such as a caregiver, patient or clinician. They can then witness the impact these systems have on clinical outcomes, quality and the patient experience.
 - **Any technology that exchanges data using interoperability standards are invited to participate in our connected demonstrations.**
- You can explore [examples of our use cases](#) from HIMSS19.



Connected Use Case Demonstration



- Essentially a story, focused around an individual, about their health journey.
 - Timeframes could span a few hours, up to a lifetime.
- Help attendees understand in context how valuable your solution is.
- Turn key package- bring your ideas and solutions, we provide the rest.

How do attendees engage at HIMSS Global Conference



Connected Demonstration

- Why connected demonstrations?
 - Helps drive home the value for a wide audience
 - Helps them understand what each product does to support care and how working together impact the ecosystem
 - Your technology impacts the information other systems have which impacts the information available to providers and patients to make better choices and improve care.



Requirements to Participate in a Connected Demonstration: ([Website](#))

1. Use an interoperability standard to exchange information (such as HL7 FHIR®, **IHE Profile***, DICOM, IEEE, Continua, etc.)
2. Attend a two-day [Face-to-Face](#) in Cleveland, OH in January 2020 to ensure that demonstrations are sound and to identify any concerns.
3. Participate in weekly planning calls.
4. Attend set-up for two days prior to HIMSS Global Conference and during all exhibit hours.

****If you are demonstrating an IHE profile you must register, attend and successfully pass a global [IHE Connectathon](#) within 12 months of the HIMSS Global Health Conference. Separate fee required.***

How do I know if I need to register for the IHE Connectathon to participate in the Interoperability Showcase?

In order to participate in a connected demonstration, you must use an exchange standard in order to share your information, such as a HL7 Profile, IHE Profile*, DICOM, IEEE, Continua, etc. **We do not allow proprietary exchanges in the connected demonstrations.**

- If you are demonstrating an IHE profile you must register, attend and successfully pass the IHE Connectathon (separate fee required). Your system must have tested that profile at a Global IHE Connectathon within 12 months prior to conference. More details on how to register for the IHE USA Connectathon can be found [here](#).
- If you plan to exchange with a different standard than IHE you would *only* need to attend the face to face, which is a two day event. Details on how to register for day passes for the Face to Face can be found [here](#). (Additional Travel, Hotel and Registration Required)

Starting October 21

- We start to meet as demonstrations to design our stories and work together.
 - *New process* Phil DePalo, our lead technical project manager will be starting *all* of our demonstration calls. He will ensure that all participants have an appropriate fit and help meet early marketing deadlines.
 - Title and short descriptions.
 - Determine images on the walls.
 - Broad Storyline.
- In November, Phil will hand off to our technical team who is assigned to each use case to help guide and meet final technical deadlines on weekly calls.
 - Technical transactions



Steps to Participation

1. Determine the level you would like to participate in. For more information on levels of participation please see [our contract](#).
2. Review [our minimum requirements](#) to participate to ensure you are able to meet them.
3. Review [the available demonstration topics](#) and make a selection
4. Complete your contract and return to sales@himss.org.
5. Complete your system registration and contract for the [IHE Connectathon](#)

Interoperability Showcase Resources

Bronwen Huron Senior Manager, Informatics [Showcase@himss.org](mailto>Showcase@himss.org)

Philip DePalo, Lead Technical Project Manager, drphil@consultology.us

Natasha Amershi, Coordinator, Informatics [Showcase@himss.org](mailto>Showcase@himss.org)

Resources

- [HIMSS20 Contract and Benefits](#)
- [Video: What is the Interoperability Showcase](#)
- [HIMSS19 Interoperability Showcase: Accomplishments](#)
- [Photos from past demonstrations](#)
- [Recordings of interviews, education sessions, and past demonstrations.](#)
- [HIMSS19 Connected Demonstrations](#)
- [Email to join our mailing list](#)

Contact Us

IHE NA Connectathon 2020

Questions	Staff	Contact
Contracts and Payments General Administration Logistics Connectathon Badges	Emely Lemus, Associate Manager - IHE USA	Email: connectathon@ihe.net Visit: www.iheusa.org/ihe-connectathon-overview
Technical questions Gazelle Test Management Showcase Participation	Phil DePalo Technical Project Manager	Email: naconnectathon.helpdesk@gmail.com Visit: https://gazelle.ihe.net/cat/NA2020

HIMSS Interoperability Showcase

Questions	Staff	Contact
Contracts and Payments Logistics Showcase Participation	Bronwen Huron, Sr. Manager, Informatics Natasha Amershi, Coordinator, Informatics	Email: Showcase@himss.org Visit: www.interoperabilityshowcase.org

Q&A Session

- Submit your questions in the Q&A box on the lower left hand of your WebEx now
- Today's webinar will be recorded and posted online at www.iheusa.org/webinars-ihe-usa
- Any other questions, please feel free to contact us at: connectathon@ihe.net



Thank you!