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
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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

• 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™

20+ years of experience
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® / 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

IHE NORTH AMERICAN CONNECTATHON 2020

JANUARY 20-24, 2020
CLEVELAND, OHIO

SYSTEM REGISTRATION NOW OPEN!
DEADLINE: OCTOBER 25

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

Visit the system registration page for more details:
www.iheusa.org/system-registration

Scholarship and First-Time Participant Discounts Available Online
System Registration
September 12–October 25, 2019

- Follow instructions on IHE USA’s System Registration webpage [www.iheusa.org/system-registration](http://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](http://www.iheusa.org/ihe-connectathon-participant-resources)
  - Guidebook for IHE NA Connectathon 2020
  - Designed to ensure successful testing
  - Incorporated into system contract
- IHE’s Technical Project Manager Support Page
  - [https://gazelle.ihe.net/cat/NA2020](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

<table>
<thead>
<tr>
<th>Resource</th>
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<tbody>
<tr>
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<tr>
<td>Participant Resources including Policies &amp; Guidelines, Schedule, etc.</td>
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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
Philip DePalo, Lead Technical Project Manager, drphil@consultology.us
Natasha Amershi, Coordinator, Informatics 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

Follow us @Interopshowcase
## Contact Us

### IHE NA Connectathon 2020

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<td>Email: <a href="mailto:connectathon@ihe.net">connectathon@ihe.net</a></td>
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### Technical questions

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### HIMSS Interoperability Showcase

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Q&A Session

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• 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!