



Building trust  
in eHealth  
interoperability

# IHE Connectathon Introduction

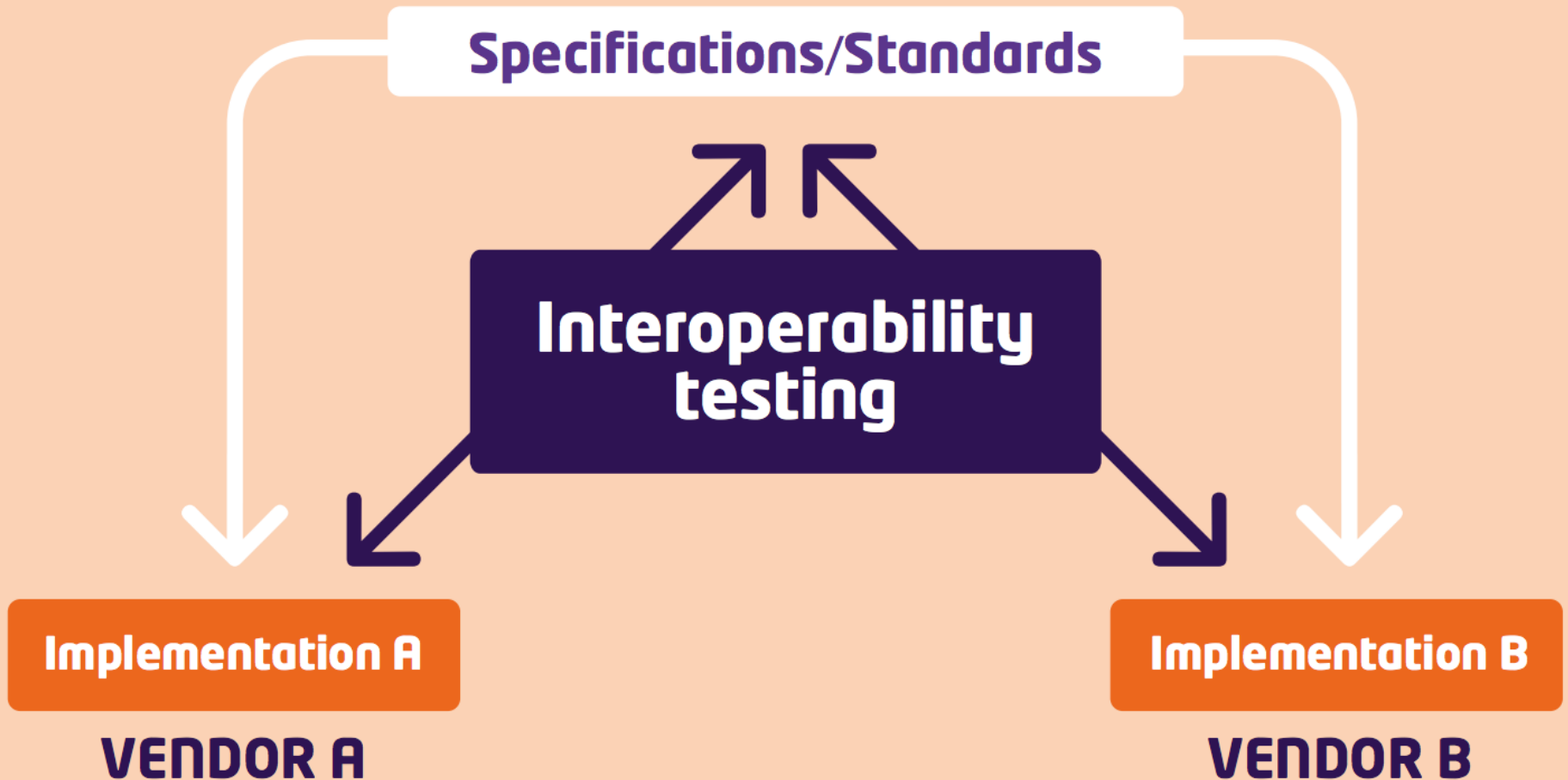
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IHE Services Director



e-Health Forum

Strategic challenges and  
interoperability standards in Health IT  
Sopot, Sheraton Hotel, 16/09/2016

# What is the Connectathon ?



# What is the Connectathon ?

- **Connectivity Marathon**
  - A week to test the interoperability of the systems participating
  - Have they correctly implemented the IHE Profiles ?
  - Are the IHE Profiles clear enough and can they be implemented ?

# Community

- More than 300 participants
  - 250 engineers from participating organizations
  - 50 monitors
- In addition
  - Side events
  - EU projects meetings
  - SDO meetings members

# Connectathons in Europe

## European Connectathons

**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

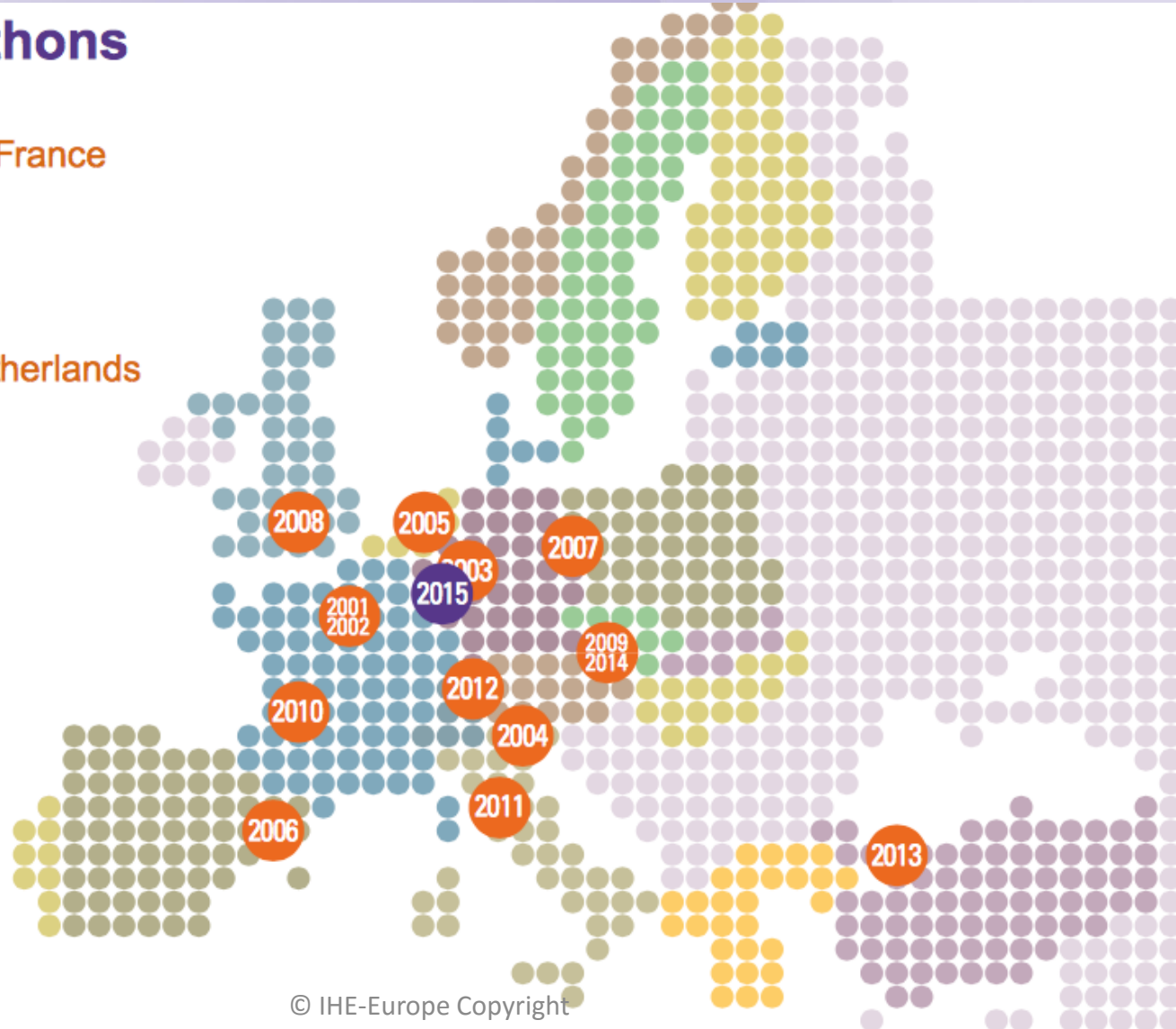
**2012:** Bern, Switzerland

**2013:** Istanbul, Turkey

**2014:** Vienna, Austria

**2015:** Luxembourg

**2016:** Bochum, Germany



# Connectathon key figures

## *Luxembourg 2015*

**~300**

Participants  
**75**  
Companies

**230+**

engineers from  
participating  
organizations

**30+**

committee  
members

**50+**

monitors

**2400+**

tests  
performed

**90+**

systems

## *Bochum 2016*

**~370**

Participants  
**83**  
Companies

**~310**

engineers from  
participating  
organizations

**30+**

committee  
members

**55**

monitors

**3000**

tests  
performed

**114**

systems







## What is Connectathon

A five-day "connectivity marathon" for testing the interoperability of health information systems.

# Results of the connectathon

- No communication of failures
  - We simply forget them
- IHE communicates **results** at the **company** level
  - IHE will not tell you which system participated at the connectathon.



On-line registry showing for all Connectathons worldwide which vendors have successfully passed the tests with their products for a selected set of IHE Profiles.

- <http://connectathon-results.ihe.net/>

Simple browsing

Advanced browsing

www.ihe.net

www.ihe-europe.org

Webmaster

Consultation date: Mon, 27 Jun 2005 00:25:51 GMT  
Last modified: Sun, 26 Jun 2005 23:20:56 GMT

# Connectathon Results Browsing

-- Select a connection --

Or

-- Select a vendor --

Or

-- Select an actor --

- Display
- Document Consumer
- Document Registry
- Document Repository
- Document Source
- Enterprise Report Repository
- Evidence Creator
- External Report Repository Access
- Image Display
- Image Manager**
- Information Source
- Kerberized Server
- Kerberos Authentication Server
- Order Placer
- Order Result Tracker
- Patient Context Participant
- Patient Demographics Consumer
- Patient Demographics Supplier
- Patient Identity Consumer
- Patient Identity Cross-reference Manager

# IHE Integration Statement

IHE Integration Statement			
Vendor	Product Name	Version	Date (dd/mm/yyyy)
Big Medical Buisness	RIS2003	3.4	15/10/2003
Integration Profiles Implemented	Actors Implemented	Options Implemented	
Scheduled Workflow	Department System Scheduler/Order Filler	None	
Scheduled Workflow	Performed Procedure Step Manager	None	
Patient Information Reconciliation	Department System Scheduler/Order Filler	None	
Internet address for vendor's IHE information :			
<a href="http://www.big-buisness.com">http://www.big-buisness.com</a>			
Links to Standards Conformance Statements for the implementation			
Health Level 7	<a href="http://www.big-buisness.com/HL7">http://www.big-buisness.com/HL7</a>		
Dicom	<a href="http://www.big-buisness.com/DICOM">http://www.big-buisness.com/DICOM</a>		
Links to general information on IHE			
In North America: <a href="http://www.rsna.org/IHE">http://www.rsna.org/IHE</a>	In Europe: <a href="http://www.ihe-europe.org">http://www.ihe-europe.org</a>	In Japan: <a href="http://www.jira-net.or.jp/ihe-j">http://www.jira-net.or.jp/ihe-j</a>	

# Purpose - Product Registry

- A tool to search IHE Integration Statement published by Vendors.
- Vendors register IIS
- IIS remains on Vendors web site
- List of Actors/Profiles claimed in IIS is stored in PR database.

713 IS available  
over the world



IHE Product Registry Connexion Connexion CAS

[IHE Product Registry](#) [Introduction](#) [Search Integration Statements](#) [TF](#)

### Search Integration Statements



**Critère de recherche**

Comme	<input type="text"/>	<input type="button" value="x"/>
Organisation	<input type="text"/>	<input type="button" value="x"/>
Nom du système	<input type="text"/>	<input type="button" value="x"/>
Type de système	<input type="text"/>	<input type="button" value="x"/>
System sub type	<input type="text"/>	<input type="button" value="x"/>
Domaine	<input type="text"/>	<input type="button" value="x"/>
Profil d'intégration	<input type="text"/>	<input type="button" value="x"/>
Acteur	<input type="text"/>	<input type="button" value="x"/>
Date de publication	Any <input type="button" value="v"/>	
<input type="button" value="Initialiser"/>		

Option Prof. d'intég.    
Transaction

**713 Integration Statements for this search**

« « 1 2 3 4 5 6 7 8 9 10 » »

	Organisation Nom du système/produit version Date de publication	Mindray A5 Anesthesia System 01.02.00 04/04/11
	Organisation Nom du système/produit version Date de publication	Iatric Systems, Inc. Accelero Connect 12/01/15

# Accessing Product Availability with IHE

## 1. Connectathon Results

On-line registry showing for all Connectathons worldwide which vendors have successfully passed the tests with their implementations for a selected set of IHE Profiles.

<http://connectathon-results.ihe.net/>

## 2. Product Registry

On-line registry showing for over than 700 ***Integration Statements*** world-wide

[www.IHE.net/IHE Product Registry](http://www.IHE.net/IHE_Product_Registry)

## 3. Conformity Assessment Test Reports

Opened in November 2015 with the first CA Test Reports

# See more...

- IHE Connectathon YouTube channel
- <https://www.youtube.com/playlist?list=PL41WsYuE9IdQu0J-EVXj1wfWb2HknVYxD>