



Building trust
in eHealth
interoperability

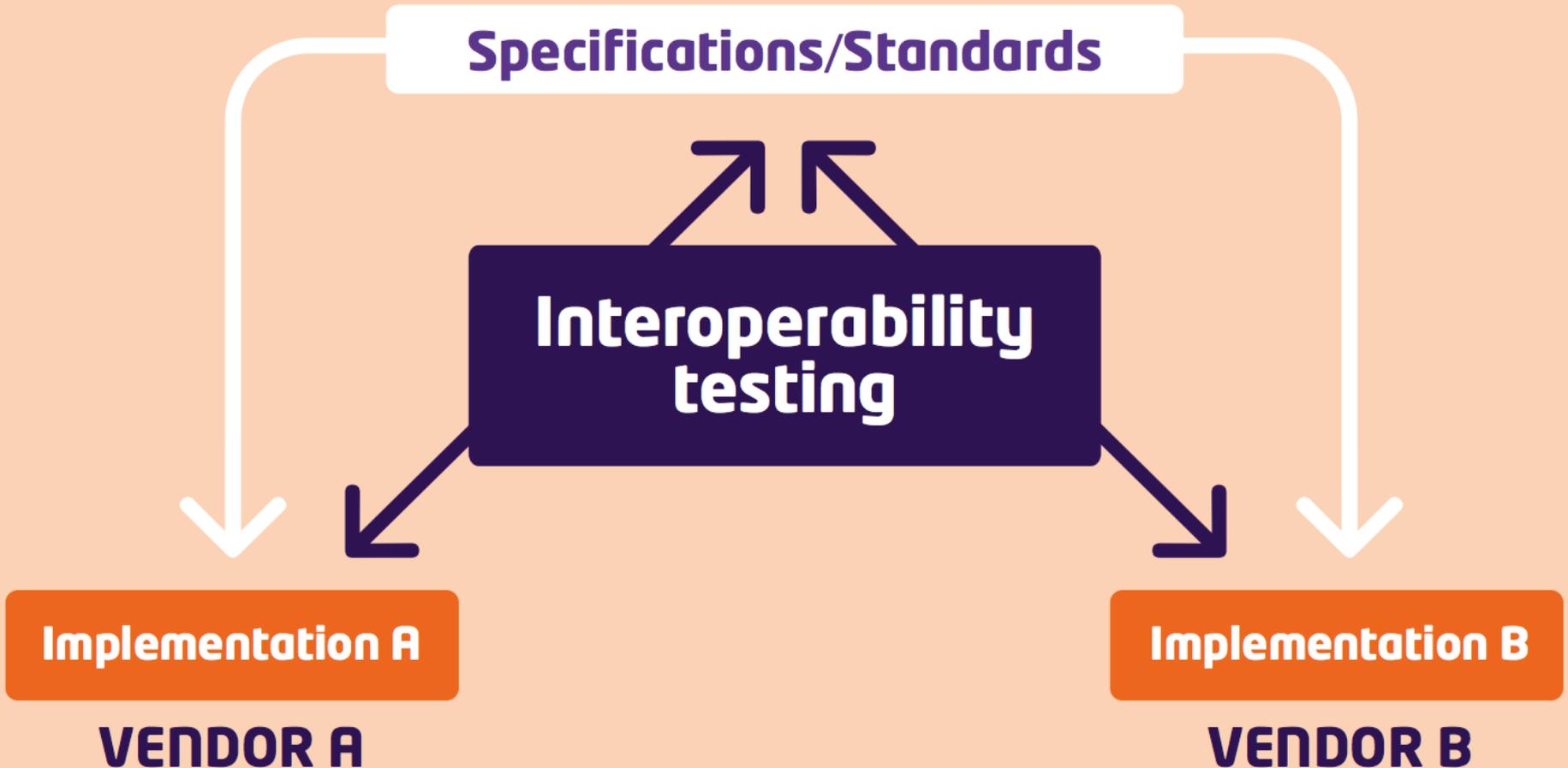
IHE Connectathon Introduction

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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

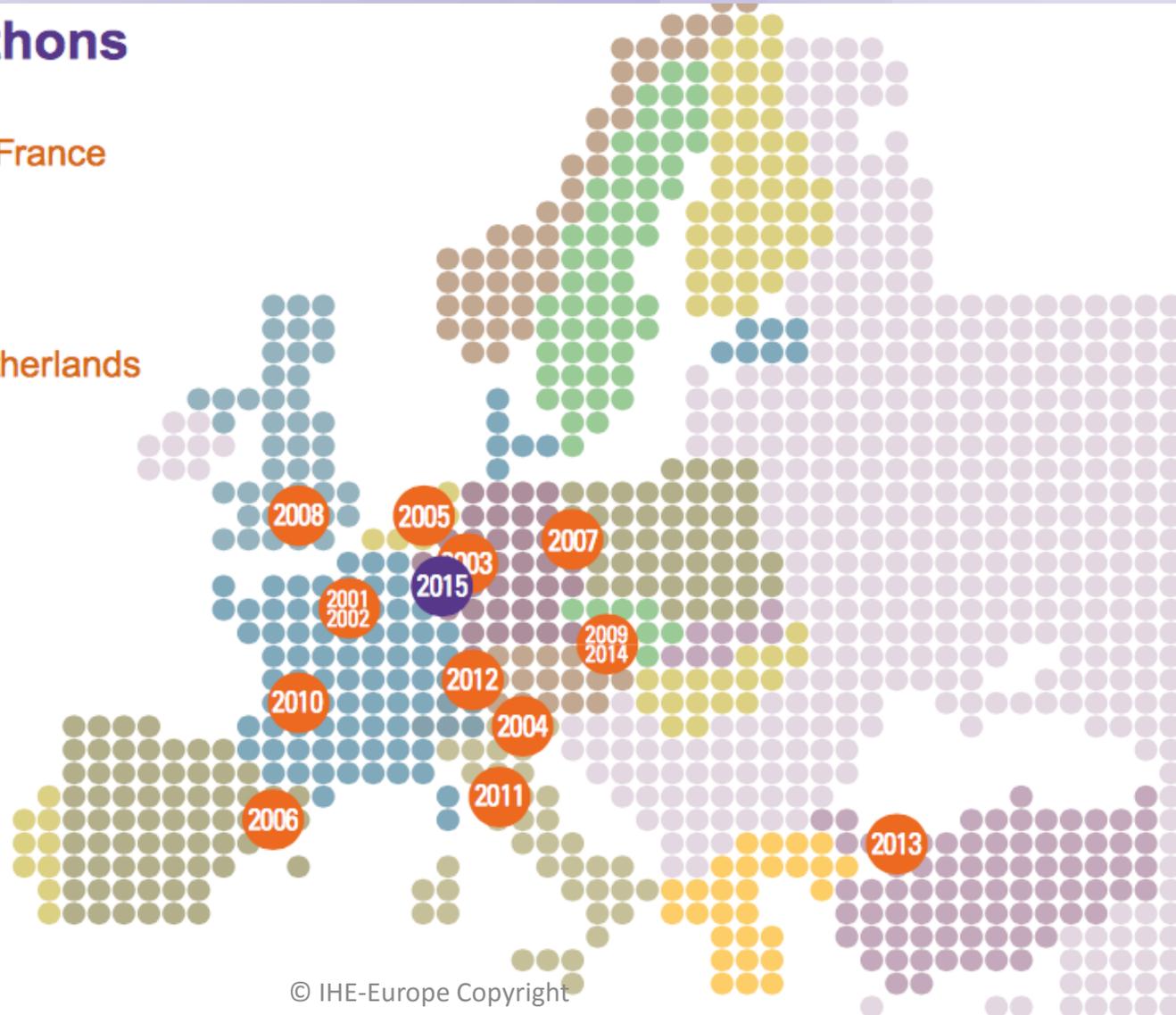
2012: Bern, Switzerland

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

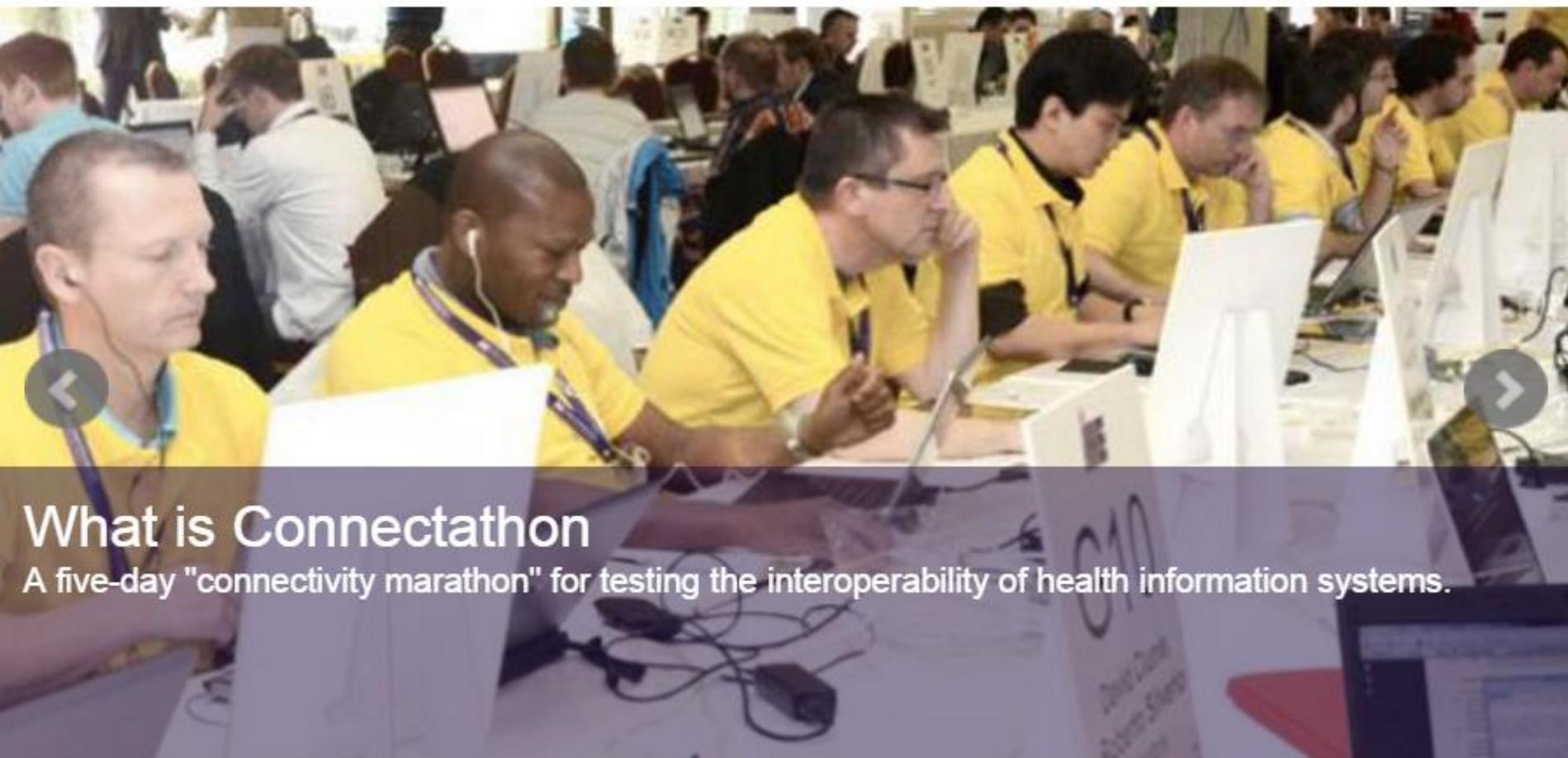
monitors

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.

Connectathon Results Browser

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.

- ❖ Health IT suppliers have the opportunity to showcase the IHE competency of their company.
- ❖ Health IT buyers can easily search for evidence of supplier's IHE claims.

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

Result Matrix For integration_profile : "Scheduled Workflow"

Result with :

- Actor is 'Image Manager'
- Integration Profile is 'Scheduled Workflow'
- Connection is 'North-America 2005'
- All Companies

	AGFA GEVAERT NV	Cedera Software	Corner Corporation	Eastman Kodak Company	Emageon	Fujifilm	GE Healthcare	Hitachi Medical Corporation	INFINITT	InSiteOne	Intel Medic System
Order Placer	North-America 2005	North-America 2005	North-America 2005	North-America 2005	North-America 2005	North-America 2005	North-America 2005	North-America 2005	North-America 2005	North-America 2005	North-Am 2005
Department System Scheduler/Order Filler			*	*					*		
Image Manager	*	*	*	*	*	*	*	*	*	*	*
Acquisition Modality		*		*		*	*	*	*	*	*
Evidence Creator	*	*		*		*	*	*	*	*	*
Image Display	*	*		*		*	*	*	*	*	*

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Connectathon Results Browsing

Simple browsing
Advanced browsing
www.ihe.net
www.ihe-europe.org

-- Select a connection -- Go

Or

-- Select a vendor -- Go

Or

-- Select an actor -- Go

- Display
- Document Consumer
- Document Registry
- Document Repository
- Document Source
- Enterprise Report Repository
- Evidence Creator
- External Report Repository Access
- Image Display
- Image Manager**
- Information Source
- Kerbenized 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

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

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 :			
http://www.big-buisness.com			
Links to Standards Conformance Statements for the implementation			
Health Level 7	http://www.big-buisness.com/HL7		
Dicom	http://www.big-buisness.com/DICOM		
Links to general information on IHE			
In North America: http://www.rsna.org/IHE	In Europe: http://www.ihe-europe.org	In Japan: http://www.jira-net.or.jp/ihe-j	

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

Organisation

Nom du système

Type de système

System sub type

Domaine

Profil d'intégration

Acteur

Date de publication Any

Option Prof. d'intég.

Transaction

Initialiser

713 Integration Statements for this search

1 2 3 4 5 6 7 8 9 10

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