IHE

Integrating
the Healthcare
Enterprise

EUROPE

Pisa 2011

Bern 2012

Istanbul 2013

The IHE Connectathon.

What it is and how it is done.

Pisa 2011

Bern 2012

Istanbul 2013

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What is IHE?

IHE is a world-wide initiative that enables Healthcare IT system users and suppliers to work together to enable interoperability of IT systems. It does this through:

- Careful definition of specific healthcare tasks (use cases).
- Identification of the information and processes required to support those tasks.
- Specification of the necessary information exchange using existing standards and the processing to be performed.
- Annual testing of supplier systems for conformance with the specifications – the **Connectathon** – is all about evidence based interoperability.

Beginning in the radiology domain back in 1999 **IHE** has expanded into multiple domains and today ten domains are covered, thereby ensuring system interoperability between suppliers and their systems on a very big scale and on an even larger world stage.

Why the Connectathon (CAT)?

The Connectathon gives vendors an opportunity to test the interoperability of their products in a structured environment with peer vendors. It also enables the **IHE** Technical framework itself to be tested in the form of trial implementation / deployment settings.

Participating companies test against multiple vendors using real world clinical scenarios following **IHE** Integration Profile specifications.

"

Connectivity of imaging informations in the era of digital radiology is mandatory and crucial. Interoperability of modalities and IT-systems from different vendors is not self-evident. The most favourable approach to have positive experiences is using solutions which have been tested during an IHE Connectathon. Besides the more general eHealth-solutions -covered by the IHE-XDS Profiles family- there is a lot ongoing for Radiology, e.g. the new version of the IHE Profile "Scheduled Workflow", Report Templates or Radiation Exposure Monitoring (REM). The European Society of Radiology (ESR), supporting IHE as a sponsor, is following different strategic IT-related projects, e.g. Decision Support, Structured Reporting and esp. dose optimisation (EMAN-Project). As part of EMAN the IHE REM approach is very relevant, but representation of products supporting REM is still limited. Therefore, more interest by vendors supporting these Profiles would be very interesting for radiologists. This would allow to discuss an IHE Demonstration at Radiology-Congresses in future."

Dr. Peter Mildenberger
Associate Professor of Radiology, University Medical Center Mainz, Germany

What is the Connectathon?

The Connectathon's objective is to test systems conformity to **IHE** Profiles by using validators, and the Interoperability between systems or simulators. Clinical workflow is guidance for testing. **IHE** allows test validation in a controlled and neutral environment.
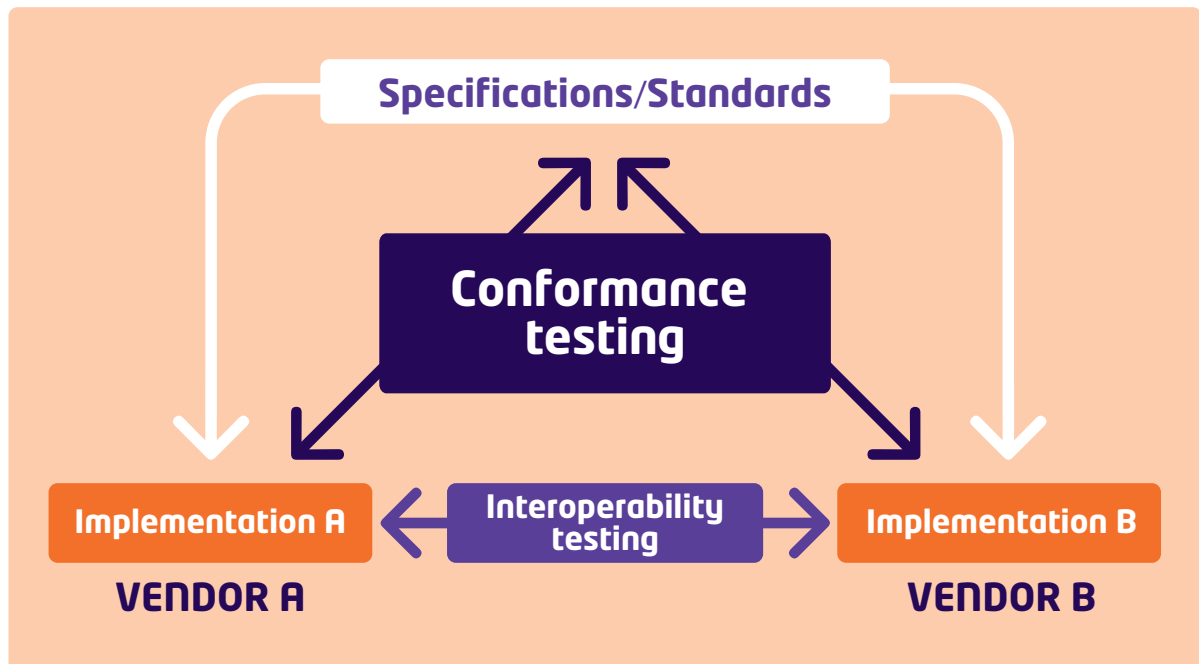
The Connectathon is a connectivity test marathon

- Provides week-long face-to-face testing of the participating products' interoperability.
- Sanity checks whether the **IHE** Profiles are clear enough and can be implemented consistently?.
- Participants are allowed to improve code during the event.
- Hundreds of transactions are verified amongst the thousands of possible transactions.
- Encourages vendors, large and small, to work closely together to solve issues.
- At the end of the event successful vendors are registered in the **Connectathon** Results Matrix.

*Our participation to **IHE Connectathons** is a key demonstration of our customer commitment to interoperability. Planning for a Connectathon sets the pace for **IHE** based interoperability innovations, whereas actual Connectathon presence and testing provides a great opportunity to validate latest software development efforts. Add to that the networking opportunities with other software vendors, even including competitors, and you have an industry event that is truly unique."*

Harm-Jan Wessels,
CEO Dutch software developer Forcare

Benefits for the Company's product development of implementing and testing IHE Profiles

Company Specific Benefits

- Reduced development cost and time-to-market by implementation of one connectivity method.
- Accelerated testing through the **Connectathon**'s structured and supervised testing environment. Minutes of test can save months in-company effort on the question: **Have we correctly implemented these IHE Profiles?.**
- Independent product testing by qualified test specialist and proven test tools ensures product quality and drives down implementation cost.
- Ensure your products continue to meet the expanding base of **IHE** Profiles.
- Perform comprehensive interoperability tests with many peers in the industry. Be better prepared and avoid system integration issues at customer sites.

Company General Benefits

- **IHE** Profiles enable seamless and secure health information for providers and patients across the globe, and provide access to a world-wide eHealth market.
- Successful vendors are registered in the **Connectathon** Results Matrix ➔.
- Show market leadership in the industry on interoperability feature adoption.
- Network with industry leading professionals during the week-long event.
- Acquire deep insights from the world leading experts on **IHE** Profile requirements.
- Build credibility towards customers about **IHE** Profile implementation competency when you register your products in the **IHE** Product Registry ➔.
- Country, region and hospital tender procedures increasingly demand independent demonstration of **IHE** Profile implementation competency.

> "
> *As for Arsenàl.IT the collaboration with **IHE** is chiefly important in the development of the Fascicolo Sanitario Elettronico regionale (regional Electronic Health Record) project. We can apply international standards and knowhow that make designing and planning solutions much more easier, reducing the time gap of implementation by applying solutions recognized at international level.*
> *In this context Connecthaton represents a chance for Arsenàl.IT to enhance our knowhow as regards test and labelling mainly for our associated members, all the 23 public Local Health Authorities and Hospital Trusts of the Veneto Region. Indeed, having the chance to discuss and collaborate with suppliers with a wide experience in implementing standards at international level guarantee to set up our working method in a better way, providing the best solutions in a shorter time".*

Claudio Saccavini,
Technical Director of Arsenàl.IT, Veneto's Research Centre for eHealth Innovation

Industry at large benefits

- Participate with industry leaders during VIP tours of the **Connectathon** floor.
- Healthcare community recognised event.
- Shared experiences with over 350 of the industry's top professionals on-site.
- Demonstrate industry uptake of interoperability features.
- Be part of the emerging healthcare consensus in standards and interoperability.
- The greater the number of vendors participating, the better the standards of interoperability in the market place between vendors, leading to enhanced benefits for patients and healthcare staff.

Which IHE Profiles will be tested?

- Those Profiles for which the vendors have registered.
- Sometimes sponsoring organisations and vendors work together to specify Profiles that should be tested.
- Vendors have freedom to select the Profiles they want to test.
- **IHE** international team of experts develops new Profiles every year which are available for testing.
- In 2014 IT Infrastructure, Radiology, Cardiology, Patient Care Coordination, Pathology, Laboratory, Pharmacy, Patient Care Devices and Dental will be the featured domains.
- Relevant **IHE** Profiles in use in user and buyer communities and reflecting the challenges in e-Health, will also be available for testing.

How are the tests performed?

The **Connectathon** test platform using test management software system is called **Gazelle →**
Essentially there are a variety of tools e.g. validation tool – to verify that messages / documents conform to the specifications – simulator tools – test the interoperability of an application, not as a reference implementation but as a controlled test case.

> " The NHS in England has long been a supporter of the use of standards in healthcare IT, particularly in the areas of interoperability and terminologies like SNOMED CT. Under the Health and Social Care Act 2012, NHS England has dedicated powers in terms of approving information standards, which enables these to be mandated for use. There is also a requirement for open and transparent consultation, and robust and tested implementation plans to ensure the information standard is fit for use in the English health and social care system. Activities that add value to and demonstrate compliance with this requirement should be supported where practical."
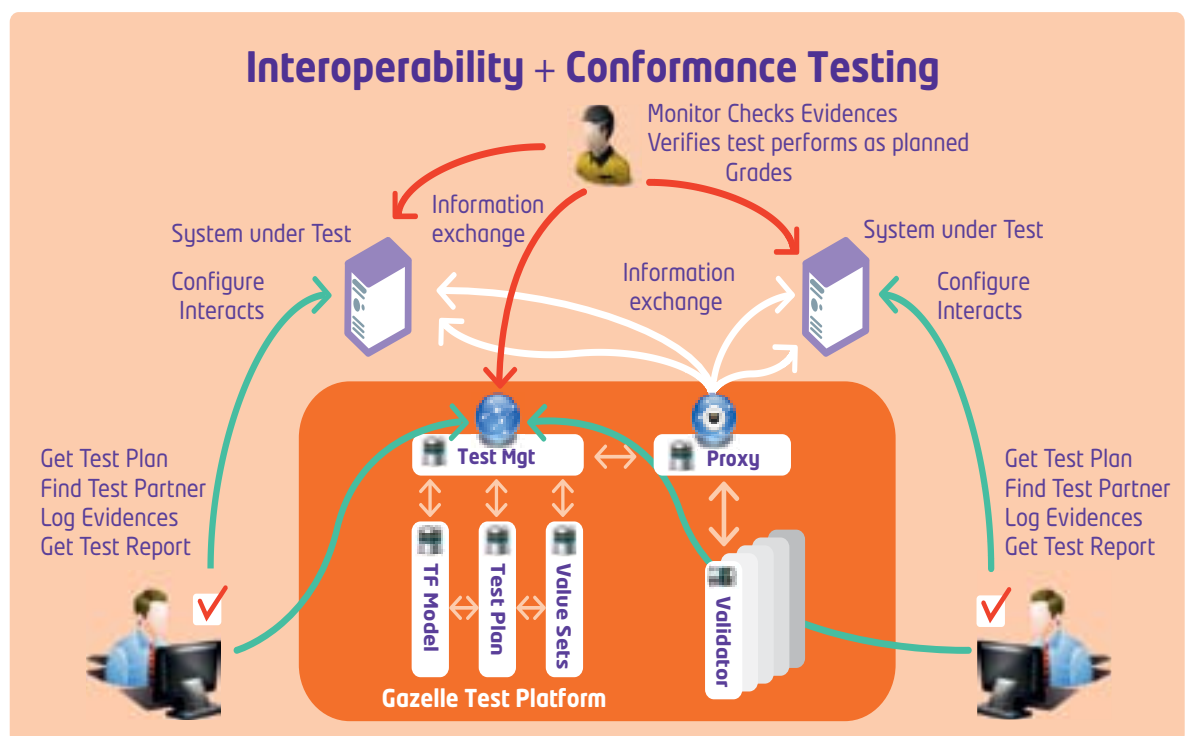>
> **Kathy Farndon,**
> Head of Health Information Standards and Governance, NHS England, UK

During the **Connectathon**, testing is performed using the **Gazelle** Test Bed. **Gazelle** suite of test tools provides **Connectathon** participants, monitors and management of the **Connectathon** with the tooling to run the event.

Participants share configurations, samples and identify test partners through the **Gazelle** test management tool. The tool provide them list of tests to perform and the ability to log evidences of the tests performed. Participants are free to run the test at their own pace. They are the one who decide when to tests what and who will be their partners among the list of the one available.

Monitors are provided with the list of test they can verify. As for the participants they have the ability to check the conformance of most of the exchanged messages using validation services.

Management Team is provided with indicators that allow them to monitor the testing progress and grade the participants.

Interoperability + Conformance Testing

Monitor Checks Evidences
Verifies test performs as planned
Grades

System under Test

Configure
Interacts

Information
exchange

Information
exchange

System under Test

Configure
Interacts

Get Test Plan
Find Test Partner
Log Evidences
Get Test Report

Test Mgt

Proxy

Get Test Plan
Find Test Partner
Log Evidences
Get Test Report

TF Model

Test Plan

Value Sets

Validator

Gazelle Test Platform

There are some videos of some recent **Connectathons** in Barcelona, Bern, Istanbul, details can be found on the **ihe**-europe.net website.

> *As a qualified radiologist and now Managing Director of a company supplying healthcare IT software and helping companies to incorporate IHE Profiles in their own solutions, I have experienced both sides of the standards fence. I feel very strongly that the use of IHE Profiles is increasingly important for both interoperability and commercial success. There is no better way for companies to demonstrate their interoperability capability than at an IHE Connectathon, which is a real test of endurance but which can enable vendors to promote and market their solutions in the knowledge that they do interoperate with peer vendors and can truly meet the marketplace requirements"*

Dr Dave Harvey,
Managing Director Medical Connections Ltd, UK

The IHE Connectathon test process

IHE Community: a NETWORKING OPPORTUNITY

300+ participants

230+ engineers from participating organizations

40+ monitors

30+ committee members

2800+ tests performed

120+ systems

The **Connectathon** is a forum where vendors and their technical specialists can exchange implementation experiences, participants effectively share samples – for example radiology images and HL7 CDA documents. These will be checked for conformance to **IHE** Profiles using the validation software. It is common for engineers to discuss their own technical issues and to work on the fly with engineers, often from competing organisations, BUT without the commercial pressure.
Support and expertise is provided by the Monitors and the Domain Committee participants who are global representatives from many countries though all are committed **IHE** members but who are not commercially aligned. Between them they have many years of experience, often in a commercial environment.

The spirit is very much a desire to succeed for all participating vendors, the Monitors are not looking to fail anyone and the "help each other mentality and stay until it works attitude" is paramount amongst those present, after all issues one vendor may have today invariably occur in another vendor tomorrow.

There is also the opportunity to meet other experts involved in European projects e.g. epSOS, eHGI, Trillium Bridge, Antilope.

It is important to recognise that the work is done on a domain specific basis and in domain specific sessions, where Monitors with domain experience are using their skills, experience from previous **Connectathons** and expertise in their own field to bring success to all.

> *As a practicing clinical consultant radiologist I have championed the use of **IHE** Profiles in a number situations. In particular the use of the XDS and XDSi Profiles referring to the sharing of images and documents between and within healthcare institutions. This includes NHS Hospitals, speciality referral facilities, clinics, physician's offices, GP practices and also where appropriate the private sector. Our newly installed PACS / RIS solution was procured with a specified XDS and XDSi capability and I am hopeful that this will significantly improve care of NHS patients in the future, and it will also benefit our staff too."*

Dr Neelam Dugar
Lead Consultant Radiologist, Doncaster, UK

There are approximately 50 Monitors trained each year in dedicated sessions, whilst the Monitors are there to help they are also totally independent and objective in their decisions - ultimately they have to carry out testing checks that are a pass or fail.

Monitors are assigned to tests based on their own competencies and skill set and vendors have to convince them that the work they are effectively grading is soundly based; successful vendors will always have their logs ready to run, replay and replay again if necessary.

**2011 Connectathon Monitors with Eric Poiseau, IHE-Europe Technical Manager.**

*ELGA GmbH is responsible for the introduction and implementation of the electronic health record (ELGA) in Austria and has relied on **IHE** standards since 2007. Due to the federal organisation of the healthcare system in Austria, ELGA is designed as a distributed system with central components for patient and healthcare provider identification and authorisation management. The core building blocks are composed of numerous **IHE** XDS affinity domains containing the health records and some central components like the master patient index, the healthcare provider index, the access control system and the citizen portal. Communication between the core components strictly follows the rules of IHE Profiles, whereas the communication between the affinity domains and the systems at the point of care (hospital information systems etc.) today is still proprietary.*
*The **Connectathon 2014 in Vienna** provides the perfect testing ground to prove interoperability according to **IHE** Profiles. Companies which have successfully participated in a Connectathon will have a competitive advantage as **IHE** compliance is increasingly regarded as a success factor in calls for tenders.*

Hubert Eisl,
managing director ELGA GmbH, Austria

European Connectathons

2001: Charenton-le-pont Paris, France
2002: Villejuif in Paris, France
2003: Aachen, Germany
2004: Padova, Italy
2005: Noordwijkerhoud, 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
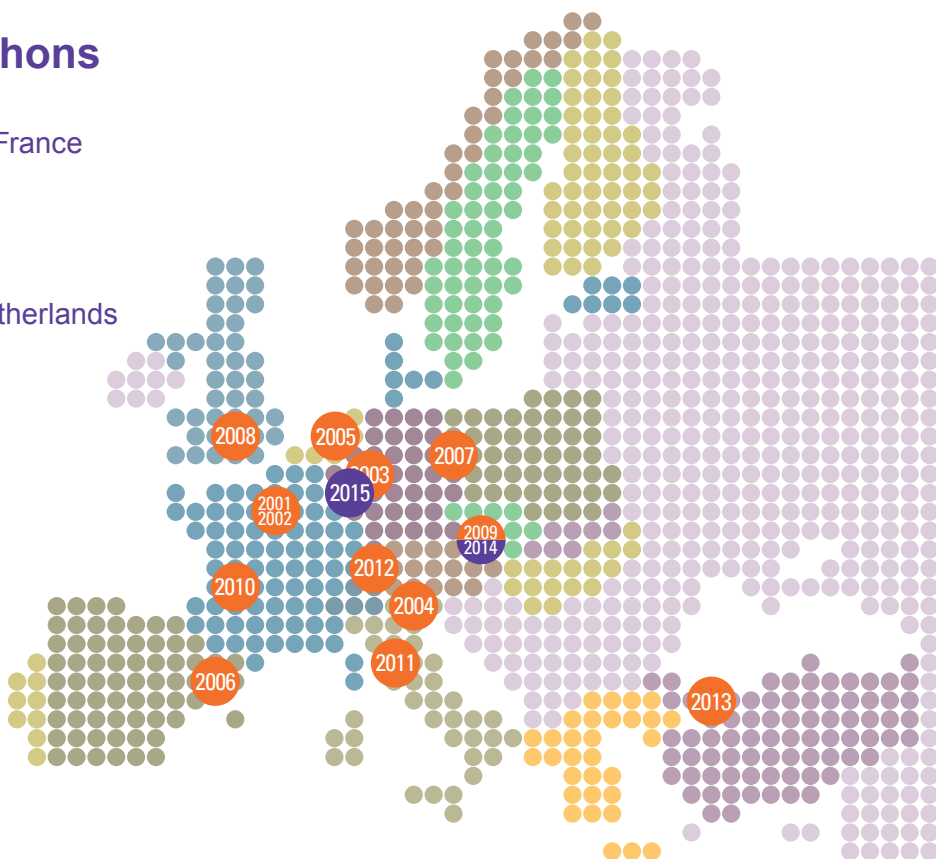
Results registration in the Results matrix

IHE communicates the vendor's **Connectathon** participation at the company level.
IHE will register and disclose the **IHE** Profile, actors and options that have succeeded at the
Connectathon in the **Connectathon Results Matrix →**
Vendors who tried and learned during the **Connectathon** week that more thorough implementation
work is needed to succeed are encouraged to participate again next time around and to undertake more
dedicated trialling before hand. **IHE** will not disclose any failures to comply.

IHE Integration Statements and the IHE Product Registry

Vendors publish "**IHE integration Statements**" to declare the conformity of their products to specific
IHE Profiles. Participation in the **Connectathon** will of course greatly increase the credibility for vendors
when these **IHE** Integration Statements are created for their products.
A template for **IHE** Integration Statement is available at: **http://tinyurl.com/62ymvtc**
The **IHE** Integration Statements are intended to be made public on the corporate website of the vendor.
Potential customers of products with implemented **IHE** Profiles can easily search for vendors and
products in the IHE Product Registry →. Vendors are encouraged to enter their available, released
products in this registry with an **IHE** Integration Statement. A linkage can be made to the **Connectathon**
where the vendor's capability was demonstrated.

IHE Domains with their solution Profile specifications

IHE is organized by clinical and operational domains. In each domain users with clinical and operational experience identify integration and information sharing priorities and vendors of relevant information systems develop consensus, standards-based solutions to address them.

Each domain includes a technical committee, whose primary task is developing and documenting the solutions (known as integration profiles), and a planning committee, whose primary tasks are long-term scope planning and organizing deployment activities (such as testing events and educational programs). Each domain develops and maintains its own set of Technical Framework documents. Coordination among domains is the responsibility of the Domain Coordination Committee, comprising representatives from each of the domain planning and technical committees. The official and complete **IHE** Technical Frameworks documents are available at: **http://www.ihe.net/Technical_Frameworks**

Below, the brief descriptions of the IHE Profiles that have been published in trial implementation or final text versions.

IT Infrastructure

The IT Infrastructure domain in **IHE** addresses cross-enterprise document sharing, security and privacy assurance methods, provider and patient identity, and workflow management. The **IHE** Cross-Enterprise (XD*) Profiles that **IHE** IT Infrastructure provides are the basis of numerous regional health information exchange solutions with repositories, registries and patient portals all over the world. The edge-systems in radiology, laboratory, cardiology, and pharmacy connect to these regional health information exchanges.

IHE IT Infrastructure Profile highlights are

- **Internet User Authorization (IUA)** [New for 2013]:
    - Provides user authorization for RESTful interface.
- **Document Metadata Subscription (DSUB)** extensions [New for 2013]:
    - Describes the use of subscription and notification mechanism for use within an XDS Affinity Domain and across communities. Added Pull Notification.
- **Cross Enterprise Workflow (XDW)**:
    - Coordinates human and applications mediated workflows across multiple organisations.
- **Mobile access to Health Documents (MHD)**:
    - Provides a RESTful interface to Document Sharing including XDS.
- **Healthcare Provider Directory (HPD)**:
    - Supports discovery and management of healthcare provider information, both individual and organizational, in a directory structure.
- **Cross-Enterprise User Assertion (XUA)**:
    - Communicates claims about the identity of an authenticated principal (user, application, system...) across enterprise boundaries - Federated Identity.
- **Shared Value Sets (SVS)**:
    - Distributes centrally managed common, uniform nomenclatures.

For a complete overview of the solutions provided by all **IHE** IT Infrastructure Profiles, go to:
http://wiki.ihe.net/index.php?title=Profiles#ihe_IT_Infrastructure_Profiles

Radiology

The Radiology domain in **IHE** addresses the needs for workflow coordination and image/information sharing, viewing, processing and quality improvement in the radiology practice, both within the radiology department and beyond the healthcare enterprise in a regional healthcare delivery setting. The systems involved are acquisition modalities, PACS-es, procedure scheduling systems, RIS-es, viewing and diagnostic reporting workstations, portals with advanced clinical post-processing applications.

IHE Radiology Profile highlights are

- **Scheduled Workflow.b (SWF.b)** [New for 2013]:
    - Integrates ordering, scheduling, imaging acquisition, storage and viewing for Radiology exams. New is the permission to only use HL7 v2.5.1 and the inclusion of the reconciliation of the patient record when images are acquired for unidentified (e.g. trauma), or misidentified patients.
- **Management of Radiology Report Templates (MRRT)** [New for 2013]
    - Definition and interchange of Radiology report templates
- **Invoke Image Display (IID)** [New for 2013]:
    - Allows the user of a non-image-aware system like an EHR, PHR or RIS, to request the display of studies for a patient, and have the display performed by an image-aware system like a PACS.
- **Stereotactic Mammography Image (SMI)** [New for 2013]:
    - Provides post-procedural review of Stereotactic Mammography images on general-purpose (PACS) workstations.
- **Post-Acquisition Workflow plus Application Hosting (PAWF)**:
    - Provides worklists, status and result tracking for post-acquisition tasks and application hosting.
- **Cross-enterprise Document Sharing for Imaging.b (XDS-I.b)**
    - Extends ITI Profile XDS to share images, diagnostic reports and related information across a group of care sites.
- **Cross-Community Access for Imaging (XCA-I)**
    - Extends ITI Profile XCA to share images, diagnostic reports and related information across communities.
- **Cross-enterprise Reliable Document Interchange (XDR-I)**
    - Extends ITI Profile XDR to push images, diagnostic reports and related information between healthcare providers.

For a complete overview of the solutions provided by all **IHE** Radiology Profiles, go to:
http://wiki.ihe.net/index.php?title=Profiles#ihe_Radiology_Profiles

Cardiology

The Cardiology domain in **IHE** addresses the needs for workflow coordination and image/information sharing, viewing, processing, procedure reporting and quality improvement in the cardiology practice, both the in-patient and ambulatory cardiology practice beyond the healthcare enterprise in a regional healthcare delivery setting. The systems involved are acquisition modalities, stress-test systems, hemodynamics systems, hybrid intervention suites, (mini)-PACS-es, VNAs, procedure scheduling systems, CIS-es, ambulatory office EHRs, viewing and diagnostic reporting workstations, portals with advanced clinical post-processing applications and intervention support applications.

IHE Cardiology Profile highlights are

- **Image-Enabled Office (IEO)**:
  - Bi-directional integration of medical imaging equipment and office EHR using Web technologies.
  - Applies to cardiology, orthopedics, women's health, gastroenterology, primary care.
- **Cath Report Content (CRC)**:
  - Defines an HL7 CDA structured report (XML) to facilitate consistency, accuracy, and semantic interoperability of Diagnostic Cath, Angiography, and PCI procedure reports and findings.
- **Cardiac Image Report Content (CIRC)**:
  - Defines an HL7 CDA structured report (XML) to facilitate consistency, accuracy, and semantic interoperability of imaging findings.

For a complete overview of the solutions provided by all **IHE** Cardiology Profiles, go to:
http://wiki.**ihe**.net/index.php?title=Profiles#**ihe**_Cardiology_Profiles

Laboratory

The Laboratory domain in **IHE** addresses information sharing and workflow related to in vitro diagnostic testing performed in clinical laboratories as well as point of care testing. The systems involved are EHR Systems in hospital and ambulatory care settings, clinical lab and public health lab information systems (LIS), robotic specimen container distributers and barcode labelers, automated devices in the laboratory work area (robotic transport systems, diluters, decappers…), IVD analyzers in laboratory or on the point of care, and middleware systems handling a set of analyzers, in laboratory or on points of care.

IHE Laboratory Profile highlights are

- **Inter-Laboratory Workflow (ILW)**:
  - Supports the workflow of orders and results with a subcontracting laboratory.
- **Laboratory Analytical Workflow (LAW)**:
  - Workflow of test orders and results with IVD specimens on Analyzers, and exchange with health informatics systems (LIS, middleware, ...)

For a complete overview of the solutions provided by all **IHE** Laboratory Profiles, go to:
http://wiki.**ihe**.net/index.php?title=Profiles#**ihe**_Laboratory_Profiles

Patient Care Devices

The Patient Care Device domain in **IHE** is concerned with use-cases in which at least one actor is a regulated patient-centric point-of-care medical device that communicates with at least one other actor such as a medical device or information system. The objective is to be the nexus for vendors and providers to jointly define and demonstrate unambiguous interoperability specifications which are based on industry standards, and which can be brought to market.

For a complete overview of the solutions provided by all **IHE** Patient Care Devices Profiles, go to:
http://wiki.**ihe**.net/index.php?title=Profiles#**ihe**_Patient_Care_Device_Profiles

Pharmacy

The Pharmacy domain in **IHE** addresses information sharing, workflow and patient care in both community and hospital pharmacies. The objective is to develop ways to automate collaborative workflow between physicians and pharmacists in both community and hospital pharmacy environment.

IHE Pharmacy Profile highlight is

- **Community Medication Prescription and Dispense (CMPD)**:
  - Integrates prescription, validation and dispensation of medication in the ambulatory sector. Profile is intended to be used with Pharmacy Prescription (PRE), Pharmacy Pharmaceutical Advice (PADV) and Pharmacy Dispense (DIS).

For a complete overview of the solutions provided by all **IHE** Pharmacy Profiles, go to:
http://wiki.**ihe**.net/index.php?title=Profiles#**ihe**_Pharmacy_Profiles

Anatomic Pathology

The Anatomic Pathology domain in **IHE** addresses collaborative work in Anatomic Pathology, based on the creation and sharing or exchange of electronic information, including data and images, during the complex workflow from specimen reception to report transmission, storage and analysis. This includes surgical pathology, cytopathology, autopsy, electron microscopy, molecular pathology. The goal is a comprehensive electronic pathology record of the patient, of which images may be a significant part.

IHE Anatomic Pathology Profile highlights are

- **Anatomic Pathology Workflow (APW)**:
  - Integrates ordering, imaging and reporting for basic pathology exams.
- **Anatomic Pathology Reporting to Public Health (ARPH)**:
  - Transmits anatomic pathology reports to public health organizations (cancer registries, centers for diseases control, screening organizations, etc).
- **Anatomic Pathology Structured Report APSR)**:
  - Defines templates for anatomic pathology structured reports for cancers, benign neoplasms and non-neoplastic conditions.

For a complete overview of the solutions provided by all **IHE** Anatomic Pathology Profiles, go to:
http://wiki.**ihe**.net/index.php?title=Profiles#**ihe**_Anatomic_Pathology_Profiles

Patient Care Coordination

The Patient Care Coordination domain in **IHE** addresses integration issues that cross providers, patient problems or time, with general clinical care aspects including document exchange, order processing, and coordination with other specialty domains. It addresses workflows that are common to multiple specialty areas and the integration needs of specialty areas that do not have a separate domain within **IHE**.

IHE Patient Care Coordination Profile highlights are

- **Patient Care Plan (PtCP)** [New for 2013]:
  - Defines a centralized patient care plan and provides a method to reconcile and consolidate the many disparate care plans that can be attached to a patient.
- **Early Hearing Detection and Intervention-Workflow Definition (EHDI-WD)** [New for 2013]:
  - Built upon the ITI XDW, and specifies a standard workflow to orchestrate the collection and exchange of newborn hearing screening information between clinical and EHDI program public health information systems.
- **CCDA Harmonization** [New for 2013]:
  - Update **IHE** PCC Templates to be consistent with the most recent version of HL7 templates published in the **IHE** Health Story Consolidation Implementation Guide.
- **Retrieve Clinical Knowledge (RCK)** [New for 2013]:
  - Describes how Health IT systems, Person Health Records, and HIEs can retrieve clinical knowledge on a topic suitable for presentation to a clinician or patient.

For a complete overview of the solutions provided by all **IHE** Patient Care Coordination Profiles, go to:
http://wiki.ihe.net/index.php?title=Profiles#ihe_Patient_Care_Coordination_Profiles

Quality, Research and Public Health

The Quality, Research and Public Health domain in **IHE** addresses the infrastructure and content necessary to share information relevant to quality improvement in electronic patient care and health care records; facilitate interoperability between the clinical care system and clinical research; facilitate interoperability between the healthcare system and public health.

IHE Quality, Research and Public Health Profile highlights are

- **Birth and Fetal Death Reporting (BFDR)**:
  - Describes the content and format to be used within the pre-population data part of the Retrieve Form Request transaction from the RFD Integration Profile.
- **Drug Safety Content (DSC)**:
  - Describes the content pertinent to the drug safety use case required within the Retrieve Form for Data-Capture (RFD) pre-population parameter.

For a complete overview of the solutions provided by all **IHE** Quality, Research and Public Health Profiles, go to:
http://wiki.ihe.net/index.php?title=Profiles#ihe_Quality.2C_Research.2C_and_Public_Health_Profiles

Connectathon Registration Process

- The event information can be found at **connectathon2014.ihe-europe.net →**
- Where does this happen in Europe?
  - **Connectathons** have taken place in Paris, Oxford, Barcelona, Bordeaux, Pisa, Vienna, Bern and Istanbul in recent years
- Identify the list of actors and Profiles that you wish to test:
  - Create an account on **Gazelle** (only if you do not have one)
  - Update/register organisation information register system information
  - Copy and start with systems from previous sessions
  - Print and send the contract
  - Registration is complete when contract is received by Project Manager.
  - Webinar for participants – watch for details
  - Limit for log return – watch for details
  - **Connectathon** in Vienna from April 7th – 11th 2014
- Do not wait the last day to register your system and your participants
- Contracting – sequence of events surrounding the contractual arrangements:
  - Visit **IHE**-Europe Participant Resources webpage
  - View important dates for contracting and payments
  - Read **IHE**-Europe Policies & Guidelines
  - Contract requires sign off on these procedures
  - Detailed test participant schedule will be published
  - Registration opens on December 1st 2013
  - End of registration on January 17th 2014
  - Payment deadline on January 31st 2014

Links

IHE Integration Statement template →
Link to Product Registry →
Documentation →
Support →
IHE Technical Frameworks →
IHE Success stories →