IHE SERVICES

Building trust in eHealth interoperability

Achieving **interoperability** is a major challenge for organisations using health IT systems.

Correctly exchanging and using medical information, whether within a hospital, across regional health IT projects, or within national networks, requires unique expertise and competencies often beyond the experience of deployment teams.

IHE-Europe, a non-profit association dedicated to interoperability in health information technology (HIT), has created **IHE-Services** to provide interoperability conformance assessment competency for national e-health projects, HIT users in regional hospitals or vendors developing new platforms. **IHE-Services** supports procurement, development & deployment of IHE standards based interoperability solutions.

IHE-Europe has contracted with French company Kereval, an established and ISO 17025 accredited software-testing company for the eHealth, telecom and automotive industries, to be a partner and host the **IHE-Services** team for these efforts.

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IHE-Services offers:

1 Consultancy and training on IHE profiles and underlying standards

2 Interoperability Conformity assessment to IHE profiles of health IT products

3 Preparation and organisation of face-to-face interoperability test sessions as a managed service

4 Preparation and organisation of on-line virtual interoperability test sessions

5 Development of tool extensions tailored to project-specific interoperability requirements

6 Specification of tailored test plans and test cases for projects building on IHE profiles

7 Support for installation and maintenance of project-dedicated testing infrastructures

8 Independent and impartial monitoring and reporting of interoperability testing results

9 Support the production of interoperability demonstration showcases

IHE-Services provides the **IHE** competency for eHealth consultancy, and organises interoperability test sessions and develops interoperability test tools, leveraging more than 10 years of experience in these domains and a community of hundreds of implementers around the world.

IHE-Services offers a unique suite of tools and services to its clients. Developed for the annual **IHE European Connectathon**, these services allow specific projects to complement the product testing performed at the **IHE Connectathon** and include:

- The **Gazelle** management software that supervises and coordinates testing activities.
- Unique interoperability test engines for DICOM, XML, HL7 and IHE integration profiles.
- Simulators for online, or virtual testing
- Technical project management and results reporting services to organize and manage special-purpose interoperability testing events.

IHE | GAZELLE
eHealth test framework
for interoperability

Gazelle is the testing platform that supports the annual European **IHE Connectathon**, the landmark event for validating health IT system interoperability.
The large-scale European Project **epSOS** applies the same testing tools and techniques to ensure interoperability between the participating EU Member States.

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IHE-Services offering

While required in many national or regional projects, **IHE** profiles need consultancy and support activities to be deployed correctly. By offering consultancy, trainings, test tools, and testing support, **IHE-Services** helps to further extend the collaborative network among European countries for making it even easier to implement and deploy **IHE** profiles.

EDUCATION SESSIONS

Because of the richness of the **IHE** profiles, solid education for the implementers is a key ingredient for successful **IHE** profile deployment. By providing **IHE** consultancy and developing training courses focused on implementation and tests, **IHE-Services** contributes to increase the knowledge of the IT architects and implementers in the area of health IT interoperability. In return, solutions will be more efficiently enabled by profiles with better quality and the time to develop and deploy software will be reduced.

TEST SESSIONS

Whether you represent a health IT integration project, or deal with health IT integration testing as a product supplier, your project, your products, and your testing processes can benefit from the support of **IHE-Services** in organising your test session. **IHE-Services** will help you define your own (virtual) testing event offering new opportunities to test with high level of quality.
With the existing **IHE** test scenarios repository, new test cases and scenarios adapted to your own needs and the needs of your partners can be easily defined.

DEMONSTRATION SESSIONS

End-users are focused on the care process and the semantics of medical data that they have to interpret. A showcase is an ideal way for them to better understand the electronic workflow behind the care process. Defining such showcase demonstrations with credible, real-world care processes requires competencies and healthcare know-how available with **IHE-Services**.

Join **IHE-Services**

Supportive stakeholders may join in directing **IHE-Services**. The members of **IHE-Services** form an ecosystem of stakeholders who help shape the decisions that will influence the development of HIT interoperability for many years to come. Join and gain significant benefits that include:

1. First-hand access to tools and techniques for testing interoperability of software using **IHE** profiles.
2. A vote in the future direction of the development of interoperability test tools and services.
3. Networking with other health IT developers on both technical issues and industry developments.
4. Visibility for your organisation as a leading supporter of health IT and **IHE**.

IHE
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An online application is available at www.ihe-europe.net
For more information, please contact IHE-Services: info@ihe-services.net