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Prepared By

Openhie shared health record community

IHE Integration Statement for

OpenSHR

Version 1.0 and above

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# Introduction

## About Integrating the Health Enterprise (IHE)

IHE is an initiative by healthcare professionals and industry to improve the way computer systems in healthcare share information. IHE promotes the coordinated use of established standards such as DICOM and HL7 to address specific clinical needs in support of optimal patient care. Systems developed in accordance with IHE communicate with one another better, are easier to implement, and enable care providers to use information more effectively.

## About this Statement

This statement represents the outcome of an interoperability assessment performed by IHE known as a “connectathon”. A Connectathon is an event where vendors prove successful interoperation of their software components with at least three other systems from other vendors. Successful implementations of IHE Profiles are published as an Integration Statement.

This integration statement contains results of the IHE North America Connectathon 2015 for OpenSHR 1.0.

## About OpenHIE

OpenHIE is a consortium of communities which fosters collaboration, interoperability and long-term sustainability of open source health solutions. Interoperability is enhanced as contributing organizations build and test together creating a collection of components more powerful than any one. The overall capabilities of OpenHIE as an architecture-enabled, open source, standards based health information exchange are described in Section 3 of this document.

In order to assure the highest quality, and adherence to IHE profiles, OpenHIE makes a commitment to test reference implementations of the component technologies at IHE connectathons to confirm compliance to current IHE Integration Profiles.

OpenHIE community members also participate in the advancement of IHE technical frameworks through the IHE technical committees.

## Notes to Readers

The presence of an IHE Integration Statement by itself does not guarantee interoperability with third party software products nor does it guarantee sufficient functionality to participate as an actor within the OpenHIE architecture. Readers should be aware that integration testing, in addition to IHE connectathons, may be required.

# IHE Integration Statement

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Vendor** | **Product Name** | | **Version** | **Connectathon** |
| OpenHIE | OpenSHR | | 1.0 | NA2015 |
| This product implements all transactions required in the IHE Technical Framework to support the IHE Integration Profiles, Actors and Options listed below: | | | | |
| **Integration Profiles Implemented** | **Actors Implemented** | | | **Options Implemented** |
| **Cross Enterprise Document Exchange** | Document Repository | | | None |
| **Audit Trail and Node Authentication** | Secure Application | | | None |
| **Immunization Content** | Content Consumer | | | Section Import |
| **Consistent Time** | Time Client | | | None |
| **Additional Information** | | | | |
| IHE at OpenHIE | | Link TBD | | |
| OpenHIE Software Partner | | [OpenHIE Shared Health Record Community](https://wiki.ohie.org/display/SUB/Shared+Health+Record+Community) | | |
| Software Download: | | [OpenHIE Reference Implementation Installation Documentation](https://wiki.ohie.org/display/documents/How+to+setup+and+configure+the+OpenHIE+reference+applications) | | |
| For General Information on IHE | | <http://ihe.net> or <http://ihe-europe.net> | | |

# OpenHIE and IHE Profiles

## Profiles and Actors

Table 1 provides the total capabilities of OpenHIE when deployed with community systems tested at IHE connectathon.

Table 1 - OpenHIE Support for IHE Profiles (NA2015)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Domain** | **IT Infrastructure** | | | | | | | **PCC** |
| **Profile**  **Actor** | **ATNA** | **CSD** | **CT** | **PDQ** | **PDQm** | **PIX** | **XDS.b** | **IC** |
| **Secure Application** |  |  |  |  |  |  |  |  |
| **Service Directory** |  |  |  |  |  |  |  |  |
| **Service Finder** |  |  |  |  |  |  |  |  |
| **Service InfoMan** |  |  |  |  |  |  |  |  |
| **Time Client** |  |  |  |  |  |  |  |  |
| **Time Server** |  |  |  |  |  |  |  |  |
| **Patient Demographics Supplier** |  |  |  |  |  |  |  |  |
| **Patient Identity Source** |  |  |  |  |  |  |  |  |
| **Patient Identity Cross-Reference Manager For HL7v2** |  |  |  |  |  |  |  |  |
| **Document Registry** |  |  |  |  |  |  |  |  |
| **Document Repository** |  |  |  |  |  |  |  |  |
| **Content Consumer (Section Import)** |  |  |  |  |  |  |  |  |

- Functionality supported by “OpenSHR” community software product.

## Community Systems

Table 2 provides a summary of other OpenHIE community member solutions which attended the NA2015 connectathon and their support for IHE profiles.

Table 2 - OpenHIE Community systems and support for IHE Actors (NA2015)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **System**  **Actor** | **OpenSHR** | **OpenHIM** | **Mohawk MEDIC CR** | **Resource Map FR** | **DHIS2 FR** | **iHRIS Directory** | **Open InfoMan** |
| **Secure Application** |  |  |  |  |  |  |  |
| **Service Directory** |  |  |  |  |  |  |  |
| **Service Finder** |  |  |  |  |  |  |  |
| **Service InfoMan** |  |  |  |  |  |  |  |
| **Time Client** |  |  |  |  |  |  |  |
| **Time Server** |  |  |  |  |  |  |  |
| **Patient Demographics Supplier** |  |  |  |  |  |  |  |
| **Patient Identity Source** |  |  |  |  |  |  |  |
| **Patient Identity Cross-Reference Manager For HL7v2** |  |  |  |  |  |  |  |
| **Document Registry** |  |  |  |  |  |  |  |
| **Document Repository** |  |  |  |  |  |  |  |
| **Content Consumer (Section Import)** |  |  |  |  |  |  |  |

- Functionality supported by “OpenSHR” community software product.