OpenHIE

2/4/2015

IHE Integration Statement for

OpenSHR

Version 1.0 and above

Prepared By
OPENHIE SHARED HEALTH RECORD COMMUNITY

PEPFAR
U.S. President's Emergency Plan for AIDS Relief

Contents

1.   Introduction

1.1.   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.

1.2.   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.*

1.3.   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 component technologies (Reference Implementations) 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.

1.4.   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.

2.   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		
Software Download:	OpenHIE Reference Implementation Installation Documentation		
For General Information on IHE	http://ihe.net or http://ihe-europoe.net		

3. OpenHIE and IHE Profiles

3.1. 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.

3.2. 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 Mapper 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.