



Open**HIE**

IHE Integration Statement

March 2015

OpenSHR

Version 1.0 and above

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1. Introduction

1.1. About Integrating the Health Enterprise (IHE)

IHE is an initiative with participation from healthcare professionals and industry that aims to improve the effectiveness and efficiency of healthcare information sharing. 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 more effectively, are easier to implement, and enable care providers to use information more efficiently.

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 the *OpenSHR Shared Health Record Reference Implementation Version 1.0*.

1.3. About OpenHIE

OpenHIE is a global mission-driven community of practice dedicated to improve the health of the underserved through open and collaborative development and support of country driven, large scale health information sharing architectures. To that end, OpenHIE is a consortium of communities that 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 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			
OpenHIE Software Partner	OpenHIE Shared Health Record Community		
Software Download:	OpenHIE Reference Implementation Installation Documentation		
For General Information about IHE	http://ihe.net or http://ihe-europe.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	ATNA	CSD	CT	PDQ	PDQm	PIX	XDS.b	IC	
Actor									
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.

■ - Combined capabilities of OpenHIE software tested at the NA2015 Connectathon.

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)

Actor \ System	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.

■ - Combined capabilities of OpenHIE software tested at the NA2015 Connectathon.