OpenHIE

IHE Integration Statement
March 2015

OpenHIM
Version 1.1 and above

Contents

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 *OpenHIM Interoperability Layer Reference Implementation Version 1.1.*

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	OpenHIM	1.1	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
Audit Trail and Node Authentication	Secure Application	None
Care Services Discovery	Care Services InfoManager	Ad hocXQuery
	Service Finder	None
Consistent Time	Time Client	None
	Time Server	None
Cross-Enterprise Document Sharing	Document Registry	Patient Identity Feed (HL7 V2)
	Document Repository	None
Additional Information		
OpenHIE Software Partner	Jembi Health Systems	
Software Download:	OpenHIM 1.1.1	
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 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 "OpenHIM" 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 attending 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 "OpenHIM" software product.

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