syngo.share / Release VA30A / 2021-05-25 / Revision 5718

IHE Integration Statement

SIEMENS
Healthineers

Contents

1   About This Statement

Integrating the Healthcare Enterprise (IHE) is an international initiative to support vendor-independent interoperability between different healthcare systems. Interoperability is periodically tested at so-called *IHE Connectathons*, where vendors prove the successful interconnection of their software with at least three different systems by other vendors. Successful test results of implemented IHE Profiles are published as IHE Integration Statements.

In order to satisfy the highest-quality requirements, ITH icoserve has committed to periodically testing their product *syngo*.share at IHE Connectathons to confirm the compliance with current IHE Integration Profiles.

⁝ Vendor

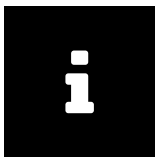   ITH icoserve technology for healthcare GmbH

⁝ Product Name

    syngo.share

⁝ Version

    VA30A

This product implements all transactions required in the IHE Technical Framework to support the IHE Integration Profiles, Actors and Options listed on the following pages.

Note
Profiles are tested regularly at EU and/or US Connectathons.

2 Profiles

Integration Profiles Implemented	Actors Implemented	Options Implemented
Access to Radiology Information (ARI)	Image Manager/Archive	-
	Image Display	-
	Report Repository	-
Audit Trail and Node Authentication (ATNA)	Audit Record Repository	-
	Secure Application	Radiology Audit Trail
	Secure Node	Radiology Audit Trail
Cardiology Evidence Documents (ED-CARD)	Image Manager/Archive	-
Consistent Presentation of Images (CPI)	Image Display	-
	Image Manager/Archive	-
	Print Composer	-
Consistent Time (CT)	Time Client	Secure NTP
	Time Server	Secure NTP
Cross-Enterprise Document Sharing (XDS.b)	Document Administrator	Update Metadata
		Delete Metadata
	Document Consumer	-
	Document Repository	-
	Document Source	Asynchronous Web Services Exchange
		Document Replacement
		Document Transformation
	Embedded Document Source/Repository	Document Replacement
Cross-Enterprise Document Sharing for Imaging (XDS-I.b)	Imaging Document Consumer	-
	Imaging Document Source	PDF Report
		Set of DICOM Instances
		CDA Wrapped Text Report
Cross-Enterprise User Assertion (XUA)	X-Service User	Subject-Role
		PurposeOfUse
Evidence Documents (ED)	Image Manager/Archive	-
Imaging Object Change Management (IOCM)	Change Requestor	-
	Image Manager/Archive	-
Import Reconciliation Workflow (IRWF.b)	Image Manager/Archive* * No connectathon test possible due to insufficient number of test partners.	-
	Importer	-
Internet User Authorisation (IUA)	Authorization Client	-
	Authorization Server	-

Integration Profiles Implemented	Actors Implemented	Options Implemented
	Resource Server	-
Key Image Note (KIN)	Image Display	-
	Image Manager/Archive	-
Mammography Image (MAMMO)	Image Manager/Archive	-
Nuclear Medicine Image (NMI)	Image Manager/Archive	-
Patient Administration Management (PAM)	Patient Demographics Consumer	Merge
	Patient Encounter Consumer	-
Patient Demographics Query (PDQ)/Patient Demographics Query HL7 V3 (PDQV3)	Patient Demographics Consumer	-
Patient Demographics Query for Mobile (PDQm)	Patient Demographics Consumer (PDQm)	-
	Patient Demographics Supplier (PDQm)	-
Patient Identifier Cross-Referencing (PIX) / Patient Identifier Cross-Referencing HL7 V3 (PIXV3)	Patient Identifier Cross-Reference Consumer	-
	Patient Identity Source	-
Patient Information Reconciliation (PIR)	Image Manager/Archive	-
	Performed Procedure Step Manager	-
Portable Data for Imaging (PDI)	Image Display	-
	Print Composer	-
	Portable Media Creator	DVD Media
		USB Media for PDI
	Portable Media Importer	DVD Media
		USB Media for PDI
	Report Reader	-
Radiation Exposure Management (REM)* *Profile implemented. Connectathon tests planned.	Image Manager/Archive	-
Scheduled Workflow.b (SWF.b)	Image Display	-
	Image Manager/Archive	-
	Performed Procedure Step Manager	-
Simple Image and Numeric Report (SINR)	Report Repository	-
Sharing Value Set (SVS)	Value Set Consumer	HTTP Binding
		SOAP Binding
		Retrieve Multiple Value Sets

3 Overview of Actors and Profiles

Domain	Radiology														Cardiology	IT Infrastructure									
Profiles **Actors**	ARI	CPI	ED	IOCM	IRWF.b	KIN	MAMMO	NMI	PDI	PIR	REM	SINR	SWF.b	XDS-I.b	ED-CARD	ATNA	CT	IUA	PAM	PDQm	PDQ/PDQV3	PIX/PIXV3	SVS	XDS.b	XUA
Audit Record Repository																■									
Authorization Client																		■							
Authorization Server																		■							
Change Requestor				■																					
Document Administrator																								■	
Document Consumer																								■	
Document Repository																								■	
Document Source																								■	
Embedded Document Source/Repository																								■	
Image Display	■	■				■			■				■												
Image Manager/Archive	■	■	■	■	■	■	■	■		■	■		■	■											
Imaging Document Consumer														■											
Imaging Document Source														■											
Importer					■																				
Patient Demographics Consumer																			■	■	■				
Patient Demographics Supplier																				■					
Patient Identifier Cross-Reference Consumer																						■			
Patient Identity Source																						■			
Performed Procedure Step Manager										■			■												

Domain	Radiology														Cardiology	IT Infrastructure									
Profiles **Actors**	ARI	CPI	ED	IOCM	IRWF.b	KIN	MAMMO	NMI	PDI	PIR	REM	SINR	SWF.b	XDS-I.b	ED-CARD	ATNA	CT	IUA	PAM	PDQm	PDQ/PDQV3	PIX/PIXV3	SVS	XDS.b	XUA
Portable Media Creator									■																
Portable Media Importer									■																
Print Composer		■							■																
Report Reader									■																
Report Repository	■											■													
Resource Server																		■							
Secure Node																■									
Secure Application																■									
Time Client																	■								
Time Server																	■								
Value Set Consumer																							■		
X-Service User																									■

4 Further Information

Internet Address for Vendor's IHE Information

www.ith-icoserve.com/ihe

Links to Standards Conformance Statements for the Implementation

DICOM: http://www.ith-icoserve.com/dicom

Links to General Information on IHE

North America: http://www.ihe.net
Europe http://www.ihe-europe.org
Japan: http://www.jira-net.or.jp/ohe-j

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