



# IHE Integration Statement eHealth Solutions

May 2018

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## 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 "Connectathons", where vendors prove successful interconnection of their software with at least three different systems of other vendors. Successful test results of implemented IHE Profiles are published as Integration Statements.

In order to assure highest quality requirements, ITH icoserve makes a commitment to periodically test their product eHealth at IHE Connectathons to confirm the compliance to current IHE Integration Profiles.

Vendor	Product Name	Version
ITH icoserve technology for healthcare GmbH	eHealth Solutions	VA36 ("Levante Galway")

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

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

# Profiles

Integration Profiles Implemented	Actors Implemented	Options Implemented
Advanced Patient Privacy Consents (APPC)	Content Creator	
Audit Trail and Node Authentication (ATNA)	Audit Record Repository	
	Secure Node	
	Secure Application	
Basic Patient Privacy Consents (BPPC)	Document Source	Basic Patient Privacy Enforcement
Clinical Research Document (CRD)	Form Filler	Archive Form
Consistent Time (CT)	Time Client	SNTP (Simple NTP) Secure NTP
	Time Server	Secure NTP
Cross Community Access (XCA)	Initiating Gateway	Asynchronous Web Service Exchange On-Demand Documents XDS Affinity Domain
	Responding Gateway	On-Demand Documents
Cross-Community Access for Imaging (XCA-I)	Imaging Document Consumer	
	Imaging Document Source	
	Initiating Imaging Gateway	Asynchronous Web Services Exchange
	Responding Imaging Gateway	
Cross Community Fetch (XCF)	Initiating Gateway	
	Responding Gateway	
Cross-Community Patient Discovery (XCPD)	Initiating Gateway	Asynchronous Web Services Exchange
	Responding Gateway	
Cross-Enterprise Document Media Interchange (XDM)	Portable Media Creator	USB Document Storage CDR Document Storage ZIP file sent over email
	Portable Media Importer	USB Document Storage CDR Document Storage
Cross-Enterprise Document Reliable Interchange (XDR)	Document Source	Multiple Document Submission Transmit Home Community ID
	Document Recipient	

Integration Profiles Implemented	Actors Implemented	Options Implemented
Cross-Enterprise Document Sharing (XDS.b)	Document Administrator	Update Metadata Delete Metadata
	Document Consumer	On-Demand Documents Document Metadata Update
	Document Registry	Patient Identity Feed (HL7V2/HL7V3) On-Demand Documents Document Metadata Update Reference ID
	Document Repository	
	Document Source	Asynchronous Web Services Exchange Document Replacement Document Addendum Document Transformation Folder Management
	On-Demand Document Source	
	Embedded Document Source/Repository	Document Replacement Document Addendum Document Transformation Folder Management
	Patient Identity Source	Patient Identity Feed (HL7V2/HL7V3)
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
	Further XDS-I.b Actors are listed in Integration Profile XDS.b	
Cross-Enterprise Sharing of Scanned Documents (XDS-SD)	Content Creator	
	Content Consumer	View Option
Cross Enterprise User Assertion (XUA) Cross Enterprise User Assertion Attribute Extension (XUA++)	X-Service Provider	Subject-Role PurposeOfUse
	X-Service User	Subject-Role PurposeOfUse
Cross Enterprise Workflow (XDW)	Content Creator	Document Import Option XDW Cross-Community with XDR
	Content Updater	XDW Cross-Community with XDR
	Content Consumer	View Option
Document Digital Signature (DSG)	Content Consumer	Detached Signature
	Content Creator	Detached Signature
Document Metadata Subscription (DSUB)	Document Metadata Publisher	
	Document Metadata Subscriber	
	Document Metadata Notification Broker	Folder Subscription Document Metadata Publish Recipient
	Notification Puller	
	Document Metadata Notification Recipient	



Integration Profiles Implemented	Actors Implemented	Options Implemented
Drug Safety Content (DSC)	Form Filler	Archive Form in DSC profile
Electronic Case Records (eCR)	eCR Client	
Enterprise Authentication (EUA) <sup>1</sup>	Kerberos Authentication Server	
	Client Authentication Agent	
Family Planning (FP)	Form Filler	
Healthcare Provider Directory (HPD)	Provider Information Consumer	
	Provider Information Directory	Provider Information Feed Federation
	Provider Information Source	
Healthy Weight (HW)	Form Filler	Summary Document Pre-Pop
	Form Processor Profile Implemented. Connectathon Test planned 2018	
Internet User Authorization (IUA)	Authorization Client	OAuth Baerer Token SAML Token
	Authorization Server	OAuth Baerer Token SAML Token
	Resource Server	SAML Token OAuth Baerer Token
Mobile access to Health Documents (MHD)	Document Consumer	
	Document Recipient	
	Document Responder	
	Document Source	
Multi-Patient Queries (MPQ)	Document Consumer	
	Document Registry	
Patient Administration Management (PAM)	Patient Demographics Consumer	Merge
	Patient Encounter Consumer	
Patient Demographics Query (PDQ) Patient Demographic Query HL7 V3 (PDQV3)	Patient Demographics Consumer	
	Patient Demographics Supplier	Continuation Option (PDQv3)
Patient Demographics Query for Mobile (PDQm)	Patient Demographics Consumer (PDQm)	
	Patient Demographics Supplier (PDQm)	
Patient Identifier Cross-referencing (PIX) Patient Identifier Cross-Reference HL7 V3 (PIXV3)	Patient Identifier Crossreference Consumer	PIX (V3) Update Notification
	Patient Identity Source	
	Patient Identifier Crossreference Manager	
Patient Identifier Cross-referencing for Mobile (PIXm)	Patient Identifier Cross-reference Consumer	
	Patient Identity Cross-reference Manager	

Integration Profiles Implemented	Actors Implemented	Options Implemented
Remove Metadata and Documents (RMD)	Document Administrator	Remote Repository Remote Registry
	Document Registry	
	Document Repository	
Retrieve Information for Display (RID)	Display	
	Information Source	
Retrieve Form for Data Capture (RFD)	Form Archiver	
	Form Filler	Archive Form Xforms Data Clarifications Option
	Form Processor	
Sharing Value Set (SVS)	Value Set Consumer	HTTP Binding SOAP Binding Retrieve Multiple Value Sets
	Value Set Repository	Retrieve Multiple Value Sets
Vital Records Death Reporting (VRDR)	Form Filler	Summary Document Pre-Pop
XAD-PID Change Management (XPID)	Document Registry	
	Patient Identify Cross-reference Manager	





Domain	Radiology														IT Infrastructure																											
	XCA-I	XDR-I	XDS-Ib	APPC	ATNA	BPPC	CRD	CT	DSC	DSUB	DSG	eCR	EUA	FP	HW	HPD	IUA	MHD	MPQ	PAM	PDQ/PDQV3	PDQm	PIX/PIXV3	RID	RFD	RMD	SVS	VRDR	XCA	XCF	XCPD	XDM	XDR	XDS.b	XDS-SD	XPID	XUA/XUA++	XDW				
Profile																																										
Actors																																										
Portable Media Importer																																										
Provider Information Consumer																																										
Provider Information Directory																																										
Provider Information Source																																										
Resource Server																																										
Responding Gateway																																										
Responding Imaging Gateway																																										
Secure Application																																										
Secure Node																																										
Time Client																																										
Time Server																																										
Value Set Consumer																																										
Value Set Repository																																										
X-Service Provider																																										
X-Service User																																										

**Internet address for vendor's IHE information:**

[www.ith-icoserve.com/ihe](http://www.ith-icoserve.com/ihe)

**Links to Standards Conformance Statements for the Implementation:**

HL7: [www.hl7.org/](http://www.hl7.org/)

CDA: [www.hl7.org/](http://www.hl7.org/)

**Links to general information on IHE:**

North America: [www.ihe.net](http://www.ihe.net)

Europe: [www.ihe-europe.org](http://www.ihe-europe.org)

Japan: [www.jira-net.or.jp/ihe-j](http://www.jira-net.or.jp/ihe-j)

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