

HealthShare Information Exchange



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InterSystems HealthShare Information Exchange software brings together into one packaged solution all the functionality and technology needed to reliably establish a secure and robust health information exchange.

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 need 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.

[For more information, please refer to http://www.ihe.net](http://www.ihe.net)

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

Unless otherwise indicated all profiles, actors, and options listed below were successfully tested at the 2018 IHE North American Connectathon in Cleveland, OH.

Profile	Actor	Option
ATNA - Audit Trail and Node Authentication	Audit Record Repository	
	Secure Application	
BPPC - Basic Patient Privacy Consents	Content Consumer	<i>Basic Patient Privacy Acknowledgement View</i>
	Content Creator	<i>Basic Patient Privacy Acknowledgment</i>
		<i>Basic Patient Privacy Acknowledgment with Scanned Document</i>
C-CDA 2.1 Care Plan	Content Creator	
	Content Consumer	
C-CDA 2.1 Continuity of Care Document (CCD)	Content Creator	
	Content Consumer	
C-CDA 2.1 Consultation Note	Content Creator	
	Content Consumer	
C-CDA 2.1 Discharge Summary	Content Creator	
	Content Consumer	
C-CDA 2.1 Progress Note	Content Creator	
	Content Consumer	
C-CDA 2.1 Referral Note	Content Creator	
	Content Consumer	
C-CDA 2.1 Unstructured Document	Content Creator	
	Content Consumer	

Profile	Actor	Option
CT - Consistent Time	Time Client	
DSUB - Document Metadata Subscription	Document Metadata Notification Broker	<i>Document Metadata Publish Recipient</i>
	Document Metadata Notification Recipient	
	Document Metadata Publisher	
	Document Metadata Subscriber	
MHD - Mobile Access to Health Documents	Document Consumer	
	Document Recipient	
	Document Responder	
	Document Source	
MPQ - Multi-Patient Queries	Document Registry	
PDQ - Patient Demographics Query HL7 V2	Patient Demographics Consumer	
	Patient Demographics Supplier	
PDQV3 - Patient Demographics Query HL7 V3	Patient Demographics Consumer	
	Patient Demographics Supplier	<i>Continuation Option</i>
PDQm - Patient Demographics Query for Mobile	Patient Demographics Consumer	
	Patient Demographics Supplier	
PIX - Patient Identifier Cross-Referencing for MPI	Patient Identifier Cross-Reference Consumer	
	Patient Identity Source	
	Patient Identity Cross-Reference Manager	
PIXV3 - Patient Identifier Cross-Reference HL7 V3	Patient Identifier Cross-Reference Consumer	<i>PIXV3 Update Notification Transaction</i>
	Patient Identity Source	
	Patient Identity Cross-Reference Manager	
PIXm - Patient Identifier Cross-Reference for Mobile	Patient Identifier Cross-Reference Consumer	
	Patient Identity Cross-Reference Manager	
XCA - Cross-Community Access	Initiating Gateway	<i>XDS Affinity Domain</i>
	Responding Gateway	<i>On-Demand Documents</i>
XCPD - Cross Community Patient Discovery	Initiating Gateway	
	Responding Gateway	
XD-LAB - Sharing Lab Report	Content Consumer	<i>View Option</i>
		<i>Document Import Option</i>
		<i>Section Import Option</i>
	Content Creator	<i>Discrete Data Import Option</i>

Profile	Actor	Option
XDM - Cross-Enterprise Document Media Interchange	Portable Media Creator	<i>USB Document Storage</i>
	Portable Media Importer	<i>USB Document Storage</i>
XDR - Cross-Enterprise Document Reliable Interchange	Document Recipient	
	Document Source	
XDS.b - Cross-Enterprise Document Sharing	Document Administrator	<i>Update Metadata</i>
		<i>Delete Metadata</i>
		<i>Document Metadata Update</i>
	Document Consumer	<i>On-Demand Documents</i>
	Document Registry	<i>On-Demand Documents</i>
		<i>Patient Identity Feed (HL7 V3)</i>
		<i>Document Metadata Update</i>
		<i>Reference ID</i>
	Document Repository	
	Document Source	<i>Folder Management</i>
		<i>Document Replace</i>
Integrated Document Source/Repository		<i>Document Addendum</i>
		<i>Document Replace</i>
		<i>Document Transformation</i>
		<i>Persistence of Retrieved Documents</i>
XDS-I.b - Cross-Enterprise Document Sharing for Imaging	Document Registry	
	Document Repository	
XDS-MS - Cross-Enterprise Sharing of Medical Summaries	Content Consumer	<i>Discrete Data Import Option</i>
		<i>Document Import Option</i>
		<i>Section Import Option</i>
		<i>View Option</i>
	Content Creator	<i>Discharge Summary</i>
	<i>Referral</i>	
XDS-SD - Cross-Enterprise Document Sharing of Scanned Documents	Content Consumer	<i>Document Import Option</i>
	Content Creator	
XPHR - Exchange of Personal Health Record Content	Content Consumer	<i>View Option</i>
		<i>Document Import Option</i>
		<i>Section Import Option</i>
		<i>Discrete Data Import Option</i>
	Content Creator	
XPID - XAD-PID Change Management	Document Registry	
XUA - Cross Enterprise User Assertion	X-Service User	<i>PurposeOfUse</i>
		<i>Subject-Role</i>