InterSystems Healthcare

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HealthShare Unified Care Record

HealthShare Unified Care Record helps providers, payers, consumers, researchers, and solution developers overcome the challenges of decentralized data by creating a shared, comprehensive, and unified care record. HealthShare delivers relevant data from the unified record into the clinical and business workflows, communicates across your application and business ecosystem, and facilitates timely action through real-time notifications.

InterSystems IRIS for Health

InterSystems IRIS for Health is a complete healthcare platform, built around a high-performance database, that enables the rapid development and employment of data-rich and mission-critical healthcare applications. It's a comprehensive platform spanning data management, interoperability, transaction processing, data normalization, and analytics.

HealthShare Health Connect

HealthShare Health Connect is an integration engine created specifically for healthcare. It provides interoperability based on global healthcare information protocols and messaging standars, delivering high-volume transaction support, unparalleled process management, and continuous monitoring required for the "always on" business of healthcare.

HealthShare Patient Index

HealthShare Patient Index is a complete patient identity or Enterprise Master Patient Index (EMPI) solution. It can serve as the single source of truth for patient identity within a healthcare enterprise or across a health information network.

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 https://www.ihe.net/

These products implement all transactions requires in the IHE Technical Framework to support the IHE Integration and Content Profiles, Actors and Options listed below.

Transaction Profiles

Profile	Actor	Option	HealthShare Unified Care Record	InterSystems IRIS for Health	HealthShare Health Connect	HealthShare Patient Index
ATNA - Audit Trail and Node Authentication	Audit Record Repository	ATX:UDP Syslog	✓	✓		
	Audit Record Repository	ATX:TLS Syslog	✓	✓		
	Secure Application	ATX:TLS Syslog	✓	✓	✓	✓
	Secure Application	ATX:UDP Syslog	✓	✓	✓	✓
	Secure Application	No Secure Transport	✓	✓	✓	✓
CT - Consistent Time	Time Client		✓	✓	✓	✓
DSUB - Document Metadata Subscription	Document Metadata Notification Broker	Document Metadata Publish Recipient	✓	✓	✓	
	Document Metadata Notification Recipient		✓	✓	✓	
	Document Metadata Publisher		✓	✓		
	Document Metadata Subscriber		✓	✓		
IUA - Internet User Authorization	Authorization Client	OAuth Bearer Token	✓	✓	✓	✓
MHD - Mobile Access to Health Documents (STU3)	Document Consumer		✓	✓	✓	
	Document Recipient		✓	✓	✓	
	Document Responder		✓	✓	✓	
	Document Source		✓	✓	✓	
MPQ - Multi-Patient Queries	Document Consumer		✓			
	Document Registry	PatientId Only Query	✓			
PDQ - Patient Demographics Query HL7 V2	Patient Demographics Consumer		✓	✓	✓	✓
	Patient Demographics Supplier		✓	✓	✓	✓
PDQ - Patient Demographics Query HL7 V3	Patient Demographics Consumer	Continuation	✓	✓	✓	✓
	Patient Demographics Supplier	Continuation	✓	✓	✓	✓
PDQm - Patient Demographics Query for Mobile (STU3)	Patient Demographics Consumer		✓	✓	✓	✓
	Patient Demographics Supplier		✓	✓	✓	✓
PIX - Patient Identifier CrossReferencing for MPI	Patient Identifier Cross-Reference Consumer		✓	✓	✓	✓
	Patient Identity Source		✓	✓	✓	✓
	Patient Identity Cross-Reference Manager		✓	✓	✓	✓
PIXV3 - Patient Identifier CrossReferencing for MPI	Patient Identifier Cross-Reference Consumer	PIXV3 Update Notification Transaction	✓	✓	✓	✓
	Patient Identity Source		✓	✓	✓	✓
	Patient Identity Cross-Reference Manager		✓	✓	✓	✓
PIXm - Patient Identifier CrossReference for Mobile (STU3)	Patient Identifier Cross Reference Consumer		✓	✓	✓	✓
	Patient Identity Cross-ReferenceManager		✓	✓	✓	✓
RMD - Remove Metadata and Documents	Document Registry		✓			
	Document Repository		✓			
	Document Administrator		✓	✓	✓	
RMU - Restricted Metadata Update	Update Initiator		✓	✓	✓	
	Update Responder	XDS Persistence	✓			

Transaction Profiles						
Profile	**Actor**	**Option**	**HealthShare Unified Care Record**	**InterSystems IRIS for Health**	**HealthShare Health Connect**	**HealthShare Patient Index**
XCA - Cross-Community Access	Initiating Gateway	XDS Affinity Domain	●	●	●	
	Initiating Gateway	On-Demand Documents	●	●	●	
	Responding Gateway	Asynchronous Web Services Exchange	●	●	●	
	Responding Gateway	On-Demand Documents	●	●	●	
XCA-I - Cross Community Access for Imaging	Initiating Imaging Gateway		●	●	●	
	Responding Imaging Gateway		●	●	●	
XCPD - Cross Community Patient Discovery	Initiating Gateway		●	●	●	●
	Responding Gateway	Asynchronous Web Services Exchange	●	●	●	●
XDM - Cross-Enterprise Document Media Interchange	Portable Media Creator	USB Document Storage	●	●		
	Portable Media Importer	USB Document Storage	●	●		
XDR - Cross-Enterprise Document Reliable Interchange	Document Administrator		●	●	●	
	Document Recipient		●	●	●	
	Document Source		●	●	●	
XDS.b - Cross-Enterprise Document Sharing	Document Administrator	Delete Metadata	●	●	●	
	Document Administrator	Update Metadata	●	●	●	
	Document Consumer	Document Metadata Update	●	●	●	
	Document Consumer	On-Demand Documents	●	●	●	
	Patient Identity Source	Patient Identity Feed (HL7v3)	●	●	●	
	Document Registry	Document Metadata Update	●			
	Document Registry	On-Demand Documents	●			
	Document Registry	Patient Identity Feed (HL7v3)	●			
	Document Registry	Reference ID	●			
	Document Repository		●	●		
	Document Source	Document Replace	●	●	●	
	Document Source	Folder Management	●	●	●	
	On-Demand Document Source	Persistence of Retrieved Documents	●	●		
XDS-I.b - Cross-Enterprise Document Sharing for Imaging	Document Registry		●			
	Document Repository		●			
XPID - XAD-PID Change Management	Document Registry		●			
XUA - Cross Enterprise User Assertion	X-Service User	PurposeOfUse	●	●	●	●
	X-Service User	Subject-Role	●	●	●	●
	X-Service Provider		●	●	●	●

CDA Content Profiles						
Profile	**Actor**	**Option**	**HealthShare Unified Care Record**	**InterSystems IRIS for Health**	**HealthShare Health Connect**	**HealthShare Patient Index**
BPPC - Basic Patient Privacy Consents	Content Consumer	Basic Patient Privacy Acknowledgement View	✓			
	Content Creator	Basic Patient Privacy Acknowledgement	✓			
		Basic Patient Privacy Acknowledgement with Scanned Document	✓			
C-CDA 2.1 Care Plan	Content Consumer		✓	✓	✓	
	Content Creator		✓	✓	✓	
C-CDA 2.1 Continuity of Care Document (CCD)	Content Consumer		✓	✓	✓	
	Content Creator		✓	✓	✓	
C-CDA 2.1 Consultation Note	Content Consumer		✓	✓	✓	
	Content Creator		✓	✓	✓	
C-CDA 2.1 Discharge Summary	Content Consumer		✓	✓	✓	
	Content Creator		✓	✓	✓	
C-CDA 2.1 Progress Note	Content Consumer		✓	✓	✓	
	Content Creator		✓	✓	✓	
C-CDA 2.1 Referral Note	Content Consumer		✓	✓	✓	
	Content Creator		✓	✓	✓	
C-CDA 2.1 Unstructured Document	Content Consumer		✓	✓	✓	
	Content Creator		✓	✓	✓	
XD-LAB - Sharing Lab Report	Content Consumer	View Option	✓	✓	✓	
		Document Import Option	✓	✓	✓	
		Section Import Option	✓	✓	✓	
		Discrete Data Import Option	✓	✓	✓	
	Content Creator		✓	✓	✓	
XDS-MS - Cross-Enterprise Sharing of Medical Summaries	Content Consumer	Discrete Data Import Option	✓	✓	✓	
		Document Import Option	✓	✓	✓	
		Section Import Option	✓	✓	✓	
		View Option	✓	✓	✓	
	Content Creator	Discharge Summary	✓	✓	✓	
		Referral	✓	✓	✓	
XDS-SD - Cross-Enterprise Document Sharing of Scanned Documents	Content Consumer	Document Import Option	✓	✓	✓	
	Content Creator		✓	✓	✓	
XPHR - Exchange of Personal Health Record Content	Content Consumer	Discrete Data Import Option	✓	✓	✓	
		Document Import Option	✓	✓	✓	
		Section Import Option	✓	✓	✓	
		View Option	✓	✓	✓	
	Content Creator		✓	✓	✓	