

# Hyland™

## **Hyland Healthcare - Enterprise Imaging**

IHE Integration Statement  
September 2022

# Table of Contents

Introduction ..... 3

Acuo VNA..... 3

OnBase ..... 9

PACSGear PACS Scan..... 9

NilRead .....10

# Introduction

This IHE Integration Statement summarizes conformance of Hyland Healthcare products with the IHE Technical Framework. Listed below are conformance details for each product in terms of Integration Profiles, Actors, and Integration Profile Options.

## Acuo VNA

Integration Profile	Actor	Integration Profile Option
Access to Radiology Information	Image Manager/Archive	None
Advanced Patient Privacy Consents	Content Consumer	None
Advanced Patient Privacy Consents	Content Consumer	PCC View
Advanced Patient Privacy Consents	Content Consumer	Structured Policy Processing
Advanced Patient Privacy Consents	Content Creator	None
Audit Trail and Node Authentication	Audit Consumer	None
Audit Trail and Node Authentication	Audit Consumer	Retrieve Audit Message
Audit Trail and Node Authentication	Audit Consumer	Retrieve Syslog Message
Audit Trail and Node Authentication	Audit Record Forwarder	ATX: TLS Syslog
Audit Trail and Node Authentication	Audit Record Forwarder	None
Audit Trail and Node Authentication	Audit Record Repository	ATX: FHIR Feed
Audit Trail and Node Authentication	Audit Record Repository	ATX: TLS Syslog
Audit Trail and Node Authentication	Audit Record Repository	None
Audit Trail and Node Authentication	Audit Record Repository	Retrieve Audit Message
Audit Trail and Node Authentication	Audit Record Repository	Retrieve Syslog Message
Audit Trail and Node Authentication	Secure Application	None
Audit Trail and Node Authentication	Secure Application	Radiology Audit Trail
Audit Trail and Node Authentication	Secure Application	TLS All Versions
Audit Trail and Node Authentication	Secure Node	ATX: TLS Syslog
Audit Trail and Node Authentication	Secure Node	None
Audit Trail and Node Authentication	Secure Node	Radiology Audit Trail
Audit Trail and Node Authentication	Secure Node	TLS All Versions
Audit Trail and Node Authentication	Secure Application	ATX: TLS Syslog

<b>Integration Profile</b>	<b>Actor</b>	<b>Integration Profile Option</b>
Cardiac Catheterization Workflow	Image Manager/Archive	Intermittently Connected Modality
Cardiac Catheterization Workflow	Image Manager/Archive	None
Cardiac Catheterization Workflow	Performed Procedure Step Manager	None
Cardiology Evidence Documents	Image Manager/Archive	None
Consistent Presentation of Images	Image Display	None
Consistent Presentation of Images	Image Manager/Archive	None
Consistent Time	Time Client	None
Cross Community Patient Discovery	Initiating Gateway	Asynchronous Web Services Exchange
Cross Community Patient Discovery	Initiating Gateway	Health Data Locator
Cross Community Patient Discovery	Initiating Gateway	None
Cross Community Patient Discovery	Responding Gateway	Health Data Locator
Cross Community Patient Discovery	Responding Gateway	None
Cross Enterprise User Assertion	X-Service Provider	Authz-Consent
Cross Enterprise User Assertion	X-Service Provider	None
Cross Enterprise User Assertion	X-Service Provider	Purpose of Use
Cross Enterprise User Assertion	X-Service Provider	Subject-Role
Cross Enterprise User Assertion	X-Service User	None
Cross-Community Access	Initiating Gateway	Asynchronous Web Services Exchange
Cross-Community Access	Initiating Gateway	None
Cross-Community Access	Responding Gateway	None
Cross-Community Access for Imaging	Initiating Imaging Gateway	Asynchronous Web Services Exchange
Cross-Community Access for Imaging	Initiating Imaging Gateway	None
Cross-Community Access for Imaging	Responding Imaging Gateway	None
Cross-Community Fetch	Initiating Gateway	None
Cross-Community Fetch	Responding Gateway	None
Cross-Community Patient Discovery	Responding Gateway	Asynchronous Web Services Exchange

Integration Profile	Actor	Integration Profile Option
Cross-Enterprise Document Media Interchange	Portable Media Creator	None
Cross-Enterprise Document Media Interchange	Portable Media Creator	USB Document Storage
Cross-Enterprise Document Reliable Interchange	Document Recipient	None
Cross-Enterprise Document Reliable Interchange	Document Source	None
Cross-Enterprise Document Reliable Interchange of Images	Imaging Document Recipient	None
Cross-Enterprise Document Reliable Interchange of Images	Imaging Document Recipient	Sharing of DICOM SOP Instance
Cross-Enterprise Document Sharing	Document Consumer	None
Cross-Enterprise Document Sharing	Document Registry	Asynchronous Web Services Exchange
Cross-Enterprise Document Sharing	Document Registry	Document Metadata Update
Cross-Enterprise Document Sharing	Document Registry	None
Cross-Enterprise Document Sharing	Document Registry	On-Demand Documents
Cross-Enterprise Document Sharing	Document Registry	Patient Identity Feed(HL7V2)
Cross-Enterprise Document Sharing	Document Registry	Patient Identity Feed(HL7V3)
Cross-Enterprise Document Sharing	Document Registry	Reference ID
Cross-Enterprise Document Sharing	Document Repository	Asynchronous Web Services Exchange
Cross-Enterprise Document Sharing	Document Repository	None
Cross-Enterprise Document Sharing	Document Source	None
Cross-Enterprise Document Sharing for Imaging	Imaging Document Consumer	None
Cross-Enterprise Document Sharing for Imaging	Imaging Document Source	None
Cross-Enterprise Document Sharing for Imaging	Imaging Document Source	Set of DICOM Instances
Cross-Enterprise Document Workflow	Content Creator	None
Cross-Enterprise Document Workflow	Content Updater	None

Integration Profile	Actor	Integration Profile Option
DEPRECATED: Post-Processing Workflow	Image Manager/Archive	None
Document Metadata Subscription	Document Metadata Notification Broker	Document Metadata Publish Recipient
Document Metadata Subscription	Document Metadata Notification Broker	None
Document Metadata Subscription	Document Metadata Publisher	None
Echocardiography Workflow	Image Manager/Archive	Echocardiography
Echocardiography Workflow	Image Manager/Archive	Intermittently Connected Modality
Echocardiography Workflow	Image Manager/Archive	None
Echocardiography Workflow	Performed Procedure Step Manager	None
Evidence Documents	Image Manager/Archive	None
Internet User Authorization	Authorization Client	None
Internet User Authorization	Authorization Client	OAuth Bearer Token
Internet User Authorization	Authorization Server	None
Internet User Authorization	Authorization Server	OAuth Bearer Token
Internet User Authorization	Resource Server	None
Internet User Authorization	Resource Server	OAuth Bearer Token
Internet User Authorization	Resource Server	SAML Token
Key Image Note	Image Manager/Archive	None
Mammography Image	Image Manager/Archive	None
Mobile access to Health Documents	Document Recipient	Comprehensive Metadata
Mobile access to Health Documents	Document Recipient	None
Mobile access to Health Documents	Document Recipient	XDS on FHIR
Mobile access to Health Documents	Document Responder	None
Mobile access to Health Documents	Document Responder	XDS on FHIR
Mobile access to Health Documents	Document Source	Comprehensive Metadata
Mobile access to Health Documents	Document Source	None

Integration Profile	Actor	Integration Profile Option
Multi-Patient Queries	Document Registry	Asynchronous Web Services Exchange
Multi-Patient Queries	Document Registry	None
NM Image	Image Manager/Archive	None
Patient Administration Management	Patient Demographics Supplier	Link Unlink
Patient Administration Management	Patient Demographics Supplier	Merge
Patient Administration Management	Patient Demographics Supplier	None
Patient Demographics Query	Patient Demographics Supplier	None
Patient Demographics Query	Patient Demographics Supplier	Patient Demographics and Visit Query
Patient Demographics Query	Patient Demographics Supplier	Pediatric Demographics
Patient Demographics Query for Mobile	Patient Demographics Supplier	Continuation Option
Patient Demographics Query for Mobile	Patient Demographics Supplier	None
Patient Demographics Query for Mobile	Patient Demographics Supplier	Pediatric Demographics
Patient Identifier Cross-reference for Mobile	Patient Identity Cross-reference Manager	None
Patient Identifier Cross-referencing for MPI	Patient Identifier Cross-reference Consumer	None
Patient Identifier Cross-referencing for MPI	Patient Identify Source	None
Patient Identifier Cross-referencing for MPI	Patient Identity Cross-reference Manager	None
Patient Identifier Cross-referencing for MPI	Patient Identity Cross-reference Manager	Pediatric Demographics
Patient Information Reconciliation	Image Manager/Archive	None
Patient Information Reconciliation	Performed Procedure Step Manager	None
Patient Master Identify Registry	Patient Identity Registry	None
Patient Demographic Query HL7 V3	Patient Demographics Consumer	None
PatientDemographicQueryHL7V3	Patient Demographics Supplier	Continuation Option

<b>Integration Profile</b>	<b>Actor</b>	<b>Integration Profile Option</b>
PatientDemographicQueryHL7V3	Patient Demographics Supplier	None
PatientDemographicQueryHL7V3	Patient Demographics Supplier	Pediatric Demographics
PatientIdentifierCross-ReferenceHL7V3	Patient Identifier Cross-reference Consumer	None
PatientIdentifierCross-ReferenceHL7V3	Patient Identity Cross-reference Manager	None
PatientIdentifierCross-ReferenceHL7V3	Patient Identity Cross-reference Manager	Pediatric Demographics
Presentation of Grouped Procedures	Image Manager/Archive	None
Presentation of Grouped Procedures	Performed Procedure Step Manager	None
Query for Existing Data for Mobile	Allergies, Intolerances	None
Query for Existing Data for Mobile	Clinical Data Source	None
Query for Existing Data for Mobile	Document Provenance	None
Query for Existing Data for Mobile	Immunizations	None
Query for Existing Data for Mobile	Medications	None
Remove Metadata and Documents	Document Registry	None
Remove Metadata and Documents	Document Repository	None
Reporting Workflow	Image Manager/Archive	None
Reporting Workflow	Performed Procedure Step Manager	None
Restricted Metadata Update	Update Responder	None
Restricted Metadata Update	Update Responder	XDS Version Persistence
Scheduled Workflow	Image Manager/Archive	None
Scheduled Workflow	Performed Procedure Step Manager	None
Sharing Value Sets	Value Set Repository	None
Stress Testing Workflow	Image Manager/Archive	None



Integration Profile	Actor	Integration Profile Option
Stress Testing Workflow	Performed Procedure Step Manager	None
Web-based Image Access	Imaging Document Responder	None
Web-based Image Access	Imaging Document Source	None
Web-based Imaging Access	Imaging Document Responder	XDS-I Backend
XAD-PID Change Management	Document Registry	None
XAD-PID Change Management	Patient Identity Cross-reference Manager	None

## OnBase

Integration Profile	Actor	Integration Profile Option
Audit Trail and Node Authentication	Secure Application	None
Consistent Time	Time Client	None
Cross-Enterprise Document Reliable Interchange	Document Recipient	Accepts Limited Metadata
Cross-Enterprise Document Reliable Interchange	Document Recipient	None
Cross-Enterprise Document Reliable Interchange	Document Source	None
Cross-Enterprise Document Reliable Interchange	Metadata-Limited Document Source	None
Cross-Enterprise Document Sharing	Document Repository	None
Cross-Enterprise Document Sharing	Integrated Document Source/Repository	Document Replacement
Cross-Enterprise Document Sharing	Integrated Document Source/Repository	None

## PACSGear PACS Scan

Integration Profile	Actor	Integration Profile Option
Audit Trail and Node Authentication (ATNA)	Secure Node	None
Consistent Time (CT)	Time Client	None
Cross-Enterprise Document Sharing	Document Source	None
Cross-Enterprise Document Sharing of Scanned Documents	Content Creator	None
Patient Demographics Query (PDQ)	Patient Demographics Consumer	None
Patient Demographics Query HL7V3	Patient Demographics Consumer	None
Patient Identifier Cross-Reference HL7V3	Patient Identifier Cross-reference Consumer	None
Patient Identifier Cross-Referencing for MPI	Patient Identifier Cross-reference Consumer	None
Portable Data for Imaging	Image Display	None
Portable Data for Imaging	Portable Media Importer	None
Scheduled Workflow.b	Evidence Creator	None

## NilRead

Integration Profile	Actor	Integration Profile Option
Access to Radiology Information (ARI)	Image Display	None
Access to Radiology Information (ARI)	Report Reader	None
Audit Trail and Node Authentication (ATNA)	Secure Application	None
Audit Trail and Node Authentication (ATNA)	Secure Node	None
Basic Image Review (BIR)	Image Display	None
Basic Patient Privacy Consents	Content Consumer	Acknowledgement View
Basic Patient Privacy Consents	Content Consumer	None
Consistent Presentation of Images (CPI)	Evidence Creator	None
Consistent Presentation of Images (CPI)	Image Display	None
Consistent Time (CT)	Time Client	None
Cross Enterprise User Assertion	X-Service User	None
Cross-Community Access	Document Consumer	None
Cross-Enterprise Document Sharing (XDS.b)	Document Consumer	None
Cross-Enterprise Document Sharing for Imaging	Imaging Document Consumer	None
Cross-Enterprise Document Sharing for Imaging (XDS-I.b)	Imaging Document Consumer	None
Cross-Enterprise Sharing of Scanned Documents Content (XDS-SD)	Content Consumer	None
Enterprise User Authentication (EUA)	Client Authentication Agent	None
Evidence Documents (ED)	Evidence Creator	None
Evidence Documents (ED)	Image Display	None
Invoke Image Display Profile (IID)	Image Display	None
Key Image Note (KIN)	Evidence Creator	None
Key Image Note (KIN)	Image Display	None
Multi-Patient Queries	Document Consumer	None

---

<b>Integration Profile</b>	<b>Actor</b>	<b>Integration Profile Option</b>
Patient Demographics Query (PDQ)	Patient Demographics Consumer	None
Patient Identifier Cross-Referencing (PIX)	Patient Identifier Cross-Reference Consumer	None
Retrieve Information for Display (RID)	Display	None
Simple Image and Numeric Report (SINR)	Report Reader	None
Web-based Image Access	Imaging Document Consumer	XDS – I Backend