IHE Integration Statement

synedra AIM Version 26 „Helena“

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Vendor	synedra information technologies GmbH

1 IHE Integration Statement

Vendor	*Product Name*	*Version*
synedra information technologies GmbH	synedra AIM	26 „Helena“

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

Integration Profile Implemented	*Actor Implemented*	*Option Implemented*
ARI - Access to Radiology Information	ID - Image Display	NONE - None
ARI - Access to Radiology Information	ID - Image Display	MULTIPLE_SRCS - Multiple Sources
ARI - Access to Radiology Information	IM - Image Manager/Archive	NONE - None
ARI - Access to Radiology Information	RRD - Report Reader	NONE - None
ARI - Access to Radiology Information	RRD - Report Reader	MULTIPLE_SRCS - Multiple Sources
ARI - Access to Radiology Information	RRP - Report Repository	NONE - None
ATNA - Audit Trail and Node Authentication	ARR - Audit Record Repository	ATX_TLS_SYSLOG - ATX: TLS Syslog
ATNA - Audit Trail and Node Authentication	ARR - Audit Record Repository	ATX_UDP_SYSLOG - ATX: UDP Syslog
ATNA - Audit Trail and Node Authentication	ARR - Audit Record Repository	NONE- None
ATNA - Audit Trail and Node Authentication	ARR - Audit Record Repository	RETRIEVE_AUDIT_MSG - Retrieve Audit Message
ATNA - Audit Trail and Node Authentication	AUDIT_CONSUMER - Audit Consumer	NONE - None
ATNA - Audit Trail and Node Authentication	AUDIT_CONSUMER - Audit Consumer	RETRIEVE_AUDIT_MSG - Retrieve Audit Message
ATNA - Audit Trail and Node Authentication	AUDIT_RECORD_FORWARDER - Audit Record Forwarder	NONE - None
ATNA - Audit Trail and Node Authentication	AUDIT_RECORD_FORWARDER - Audit Record Forwarder	ATX_TLS_SYSLOG - ATX: TLS Syslog
ATNA - Audit Trail and Node Authentication	SA - Secure Application	ATX_TLS_SYSLOG - ATX: TLS Syslog
ATNA - Audit Trail and Node Authentication	SA - Secure Application	ATX_UDP_SYSLOG - ATX: UDP Syslog
ATNA - Audit Trail and Node Authentication	SA - Secure Application	FQDN_VALIDATION_OF_SERVER_CERT - FQDN Validation of Server Certificate
ATNA - Audit Trail and Node Authentication	SA - Secure Application	NONE- None
ATNA - Audit Trail and Node Authentication	SA - Secure Application	RAD_AUDIT_TRAIL_OPTION - Radiology Audit Trail
ATNA - Audit Trail and Node Authentication	SA - Secure Application	STX_NO_SECURE_TRANSPORT - STX: No Secure Transport
ATNA - Audit Trail and Node Authentication	SA - Secure Application	STX_TLS1.2_FLOOR_BCP195 - STX: TLS 1.2 Floor using BCP195

ATNA - Audit Trail and Node Authentication	SN - Secure Node	ATX_TLS_SYSLOG - ATX: TLS Syslog
ATNA - Audit Trail and Node Authentication	SN - Secure Node	ATX_UDP_SYSLOG - ATX: UDP Syslog
ATNA - Audit Trail and Node Authentication	SN - Secure Node	FQDN_VALIDATION_OF_SERVER_CERT - FQDN Validation of Server Certificate
ATNA - Audit Trail and Node Authentication	SN - Secure Node	NONE- None
ATNA - Audit Trail and Node Authentication	SN - Secure Node	RAD_AUDIT_TRAIL_OPTION - Radiology Audit Trail
ATNA - Audit Trail and Node Authentication	SN - Secure Node	STX_NO_SECURE_TRANSPORT - STX: No Secure Transport
ATNA - Audit Trail and Node Authentication	SN - Secure Node	STX_TLS1.2_FLOOR_BCP195 - STX: TLS 1.2 Floor using BCP195
BPPC - Basic Patient Privacy Consents	CONTENT_CONSUMER - Content Consumer	NONE - None
BPPC - Basic Patient Privacy Consents	CONTENT_CONSUMER - Content Consumer	Basic Patient Privacy Acknowledgement View
CPI - Consistent Presentation of Images	ID - Image Display	NONE - None
CPI - Consistent Presentation of Images	IM - Image Manager	NONE - None
CT - Consistent Time	TIME_CLIENT - Time Client	NONE - None
CT - Consistent Time	TS - Time Server	NONE - None
DBT - Digital Breast Tomosynthesis	IM - Image Manager/Archive	NONE - None
DPIA - Digital Pathology Workflow - Image Acquisition	IM - Image Manager/Archive	NONE - None
DPIA - Digital Pathology Workflow - Image Acquisition	ID - Image Display	NONE - None
ED - Evidence Documents	ID - Image Display	NONE - None
ED - Evidence Documents	IM - Image Manager/Archive	NONE - None
HPD - Healthcare Provider Directory	PROV_INFO_CONS - Provider Information Consumer	NONE - None
IOCM - Imaging Object Change Management	CHANGE_REQUESTER - Change Requester	NONE - None
IOCM - Imaging Object Change Management	IM - Image Manager/Archive	NONE - None
IPS - International Patient Summary	CONTENT_CONSUMER - Content Consumer	NONE - None
IPS - International Patient Summary	CONTENT_CONSUMER - Content Consumer	IPS Consumer CDA
IPS - International Patient Summary	CONTENT_CONSUMER - Content Consumer	PCC_VIEW - View Option

IPS - International Patient Summary	CONTENT_CONSUMER - Content Consumer	View Option
IUA - Internet User Authorization	AUTH_CLIENT - Authorization Client	NONE - None
IUA - Internet User Authorization	AUTH_CLIENT - Authorization Client	AUTH_SERVER_METADATA - Authorization Server Metadata
IUA - Internet User Authorization	RESOURCE_SERVER - Resource Server	NONE - None
IUA - Internet User Authorization	RESOURCE_SERVER - Resource Server	JWT_TOKEN - JWT Token
KIN - Key Image Note	ID - Image Display	NONE - None
KIN - Key Image Note	IM - Image Manager/Archive	NONE - None
MAMMO - Mammography Image	IM - Image Manager/Archive	NONE - None
MHD - Mobile access to Health Documents	DOC_RECIPIENT - Document Recipient	COMPREHENSIVE_METADATA - Comprehensive Metadata
MHD - Mobile access to Health Documents	DOC_RECIPIENT - Document Recipient	NONE - None
MHD - Mobile access to Health Documents	DOC_RESPONDER - Document Responder	NONE - None
PAM - Patient Administration Management	PDC - Patient Demographics Consumer	NONE - None
PAM - Patient Administration Management	PDC - Patient Demographics Consumer	MERGE - Merge
PAM - Patient Administration Management	PEC - Patient Encounter Consumer	NONE - None
PDI - Portable Data for Imaging	ID - Image Display	NONE - None
PDI - Portable Data for Imaging	ID - Image Display	DVD_Media - DVD
PDI - Portable Data for Imaging	ID - Image Display	USB_MEDIA - USB Media for PDI
PDI - Portable Data for Imaging	PC - Print Composer	NONE - None
PDI - Portable Data for Imaging	PMC - Portable Media Creator	NONE - None
PDI - Portable Data for Imaging	PMC - Portable Media Creator	USB_MEDIA - USB Media for PDI
PDI - Portable Data for Imaging	PMC - Portable Media Creator	DVD - DVD Media
PDI - Portable Data for Imaging	PMI - Portable Media Importer	NONE - None
PDI - Portable Data for Imaging	PMI - Portable Media Importer	USB_MEDIA - USB Media for PDI
PDI - Portable Data for Imaging	PMI - Portable Media Importer	DVD - DVD Media
PDI - Portable Data for Imaging	RRD - Report Reader	NONE - None
PDI - Portable Data for Imaging	RRD - Report Reader	DVD - DVD Media
PDI - Portable Data for Imaging	RRD - Report Reader	USB_MEDIA - USB Media for PDI
PDQ - Patient Demographics Query	PDC - Patient Demographics Consumer	NONE - None
PDQm - Patient Demographics Query for mobile	PDC - Patient Demographics Consumer	NONE - None
PDQm - Patient Demographics Query for mobile	PDC - Patient Demographics Consumer	PATIENT_SEARCH - Patient Search

PDQm - Patient Demographics Query for mobile	PDC - Patient Demographics Consumer	MATCH_OPERATION - Match Operation
PDQV3 - Patient Demographics Query HL7 V3	PDC - Patient Demographics Consumer	NONE - None
PDQV3 - Patient Demographics Query HL7 V3	PDC - Patient Demographics Consumer	CONTINUATION - Continuation Option
PIX - Patient Identifier Cross-referencing for MPI	PAT_IDENTITY_CONSUMER - Patient Identifier Cross-reference Consumer	NONE - None
PIXm - Patient Identifier Cross-Reference for mobile	PIX_CONSUMER - PIX Consumer	NONE - None
PIXV3 - Patient Identifier Cross-Reference HL7 V3	PAT_IDENTITY_CONSUMER - Patient Identifier Cross-reference Consumer	NONE - None
PIXV3 - Patient Identifier Cross-Reference HL7 V3	PAT_IDENTITY_SRC - Patient Identity Source	NONE - None
QEDm - Query for Existing Data for Mobile	CDS - Clinical Data Source	NONE - None
QEDm - Query for Existing Data for Mobile	CDS - Clinical Data Source	QEDm_SIMPLE_OBSERVATIONS - QEDm Simple Observations
QEDm - Query for Existing Data for Mobile	CDS - Clinical Data Source	QEDm_DIAGNOSTIC_RESULTS - QEDm Diagnostic Results
QEDm - Query for Existing Data for Mobile	CDS - Clinical Data Source	QEDm_ENCOUNTERS - QEDm Encounters
QEDm - Query for Existing Data for Mobile	CDS - Clinical Data Source	QEDm_ALLERGIES_INTOLERANCES - QEDm Allergy Intolerancies
QEDm - Query for Existing Data for Mobile	CDS - Clinical Data Source	QEDm_CONDITIONS - QEDm Conditions
QEDm - Query for Existing Data for Mobile	CDS - Clinical Data Source	QEDm_PROCEDURES - QEDm Procedures
QEDm - Query for Existing Data for Mobile	CDS - Clinical Data Source	QEDm_IMMUNIZATIONS - QEDm Immunizations
QEDm - Query for Existing Data for Mobile	CDS - Clinical Data Source	QEDm_OCCUPATIONAL_DATA_for_HEALTH - QEDm Occupational Data for Health
RAM - Reject Analysis & Monitoring	IM - Image Manager/Archive	NONE - None
REM - Radiation Exposure Monitoring	DOSE_INFO_CONSUMER - Dose Information Consumer	NONE - None
REM - Radiation Exposure Monitoring	IM - Image Manager/Archive	NONE - None
RMD - Remove Metadata and Documents	DOC_ADMINISTRATOR - Document Administrator	NONE - None
RMD - Remove Metadata and Documents	DOC_ADMINISTRATOR - Document Administrator	REMOTE_REGISTRY - Remote Registry
RMD - Remove Metadata and Documents	DOC_ADMINISTRATOR - Document Administrator	REMOTE_REPOSITORY - Remote Repository
RMU - Restricted Medadata Update	UPDATE_INIT - Update Initiator	NONE - None
SINR - Simple Image and Numeric Report	RRD - Report Reader	NONE - None

SINR - Simple Image and Numeric Report	RRP - Report Repository	NONE - None
SVCM - Sharing Valuesets, Codes, and Maps	TERMINOLOGY_CONSUMER - Terminology Consumer	NONE - None
SVCM - Sharing Valuesets, Codes, and Maps	TERMINOLOGY_CONSUMER - Terminology Consumer	TRANSLATE - Translate
SVS - Sharing Value Sets	VALUE_SET_CONSUMER - Value Set Consumer	NONE - None
SVS - Sharing Value Sets	VALUE_SET_CONSUMER - Value Set Consumer	HTTP_BINDING - HTTP Binding
SVS - Sharing Value Sets	VALUE_SET_CONSUMER - Value Set Consumer	SOAP_BINDING - SOAP Binding
SWF.b - Scheduled Workflow.b	ID - Image Display	NONE - None
SWF.b - Scheduled Workflow.b	IM - Image Manager/Archive	NONE - None
SWF.b - Scheduled Workflow.b	IM - Image Manager/Archive	AVAILABILITY_OF_PPS_REFERENCED_INSTANCES - Availability of PPS-Referenced Instances
SWF.b - Scheduled Workflow.b	IM - Image Manager/Archive	PPS_EXC_MGT - PPS Exception Management
SWF.b - Scheduled Workflow.b	MOD - Acquisition Modality	BROAD_QUERY - Broad Worklist Query
SWF.b - Scheduled Workflow.b	MOD - Acquisition Modality	NONE - None
SWF.b - Scheduled Workflow.b	MOD - Acquisition Modality	PAT_QUERY - Patient Based Worklist Query
SWF.b - Scheduled Workflow.b	PPSM - Performed Procedure Step Manager	NONE - None
WIA - Web-based Image Access	IMG_DOC_CONSUMER - Imaging Document Consumer	NONE - None
WIA - Web-based Image Access	IMG_DOC_RESPONDER - Imaging Document Responder	NONE - None
WIA - Web-based Image Access	IMG_DOC_SOURCE - Imaging Document Source	NONE - None
XDM - Cross-Enterprise Document Media Interchange	PMI - Portable Media Importer	USB - USB Document Storage
XDM - Cross-Enterprise Document Media Interchange	PMI - Portable Media Importer	NONE - None
XDR - Cross-Enterprise Document Reliable Interchange	DOC_ADMINISTRATOR - Document Administrator	NONE - None
XDR - Cross-Enterprise Document Reliable Interchange	DOC_RECIPIENT - Document Recipient	NONE - None
XDR - Cross-Enterprise Document Reliable Interchange	DOC_SOURCE - Document Source	NONE - None
XDR - Cross-Enterprise Document Reliable Interchange	DOC_SOURCE - Document Source	Transmit Home Community ID
XDS.b - Cross-Enterprise Document Sharing	DOC_ADMINISTRATOR - Document Administrator	NONE - None
XDS.b - Cross-Enterprise Document Sharing	DOC_CONSUMER - Document Consumer	NONE - None

XDS.b - Cross-Enterprise Document Sharing	DOC_REPOSITORY - Document Repository	NONE - None
XDS.b - Cross-Enterprise Document Sharing	DOC_SOURCE - Document Source	NONE - None
XDS.b - Cross-Enterprise Document Sharing	EMBED_REPOS - Integrated Document Source/Repository	NONE - None
XDS.b - Cross-Enterprise Document Sharing	PAT_IDENTITY_SRC - Patient Identity Source	NONE - None
XDS.b - Cross-Enterprise Document Sharing	PAT_IDENTITY_SRC - Patient Identity Source	PAT_IDENTITY_FEED_HL7V3 - Patient Identity Feed (HL7 V3)
XDS-I.b - Cross-Enterprise Document Sharing for Imaging	DOC_CONSUMER - Document Consumer	NONE - None
XDS-I.b - Cross-Enterprise Document Sharing for Imaging	DOC_REPOSITORY - Document Repository	NONE - None
XDS-I.b - Cross-Enterprise Document Sharing for Imaging	IMG_DOC_CONSUMER - Imaging Document Consumer	NONE - None
XDS-I.b - Cross-Enterprise Document Sharing for Imaging	IMG_DOC_SOURCE - Imaging Document Source	NONE - None
XDS-I.b - Cross-Enterprise Document Sharing for Imaging	IMG_DOC_SOURCE - Imaging Document Source	PDF_REPORT - PDF Report
XDS-I.b - Cross-Enterprise Document Sharing for Imaging	IMG_DOC_SOURCE - Imaging Document Source	SET_OF_DICOM_INSTANCES - Set of DICOM Instances
XDS-SD - Cross-Enterprise Document Sharing of Scanned Documents	CONTENT_CONSUMER - Content Consumer	NONE - None
XDS-SD - Cross-Enterprise Document Sharing of Scanned Documents	CONTENT_CONSUMER - Content Consumer	PCC_DOC_IMPORT - Document Import Option
XDS-SD - Cross-Enterprise Document Sharing of Scanned Documents	CONTENT_CONSUMER - Content Consumer	PCC_VIEW - View Option
XUA - Cross Enterprise User Assertion	X-SERVICE-PROVIDER - X-Service Provider	NONE - None
XUA - Cross Enterprise User Assertion	X-SERVICE-PROVIDER - X-Service Provider	PURPOSE_OF_USE - PurposeOfUse
XUA - Cross Enterprise User Assertion	X-SERVICE-PROVIDER - X-Service Provider	SUBJECT_ROLE - Subject-Role
XUA - Cross Enterprise User Assertion	X-SERVICE-USER - X-Service User	NONE - None
XUA - Cross Enterprise User Assertion	X-SERVICE-USER - X-Service User	PURPOSE_OF_USE - PurposeOfUse
XUA - Cross Enterprise User Assertion	X-SERVICE-USER - X-Service User	SUBJECT_ROLE - Subject-Role

1.1 Link to Vendor´s IHE Information

https://www.synedra.com/hcm/e-health/IHE_Integration_Statement_Helena.pdf

1.2 Link to DICOM Conformance Statement

https://www.synedra.com/hcm/pacs/DICOM_Conformance_Statement_2026.pdf