



IHE Integration Statement

synedra AIM Version 22 „Niobe“

Date	2023 – 04 – 12
Vendor	synedra information technologies GmbH

1 IHE Integration Statement

Vendor	Product Name	Version
synedra information technologies GmbH	synedra AIM	22 „Niobe“

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
ATNA - Audit Trail and Node Authentication	ARR - Audit Record Repository	ATX_TLS_SYSLOG
ATNA - Audit Trail and Node Authentication	ARR - Audit Record Repository	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
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
ATNA - Audit Trail and Node Authentication	SA - Secure Application	ATX_TLS_SYSLOG
ATNA - Audit Trail and Node Authentication	SA - Secure Application	ATX_UDP_SYSLOG
ATNA - Audit Trail and Node Authentication	SA - Secure Application	FQDN_VALIDATION_OF_SERVER_CERT
ATNA - Audit Trail and Node Authentication	SA - Secure Application	NONE- None



ATNA - Audit Trail and Node Authentication	SA - Secure Application	RAD_AUDIT_TRAIL_OPTION
ATNA - Audit Trail and Node Authentication	SA - Secure Application	STX_NO_SECURE_TRANSPORT
ATNA - Audit Trail and Node Authentication	SA - Secure Application	STX_TLS1.2_FLOOR_BCP195
ATNA - Audit Trail and Node Authentication	SN - Secure Node	ATX_TLS_SYSLOG
ATNA - Audit Trail and Node Authentication	SN - Secure Node	ATX_UDP_SYSLOG
ATNA - Audit Trail and Node Authentication	SN - Secure Node	FQDN_VALIDATION_OF_SERVER_CERT
ATNA - Audit Trail and Node Authentication	SN - Secure Node	NONE - None
ATNA - Audit Trail and Node Authentication	SN - Secure Node	RAD_AUDIT_TRAIL_OPTION
ATNA - Audit Trail and Node Authentication	SN - Secure Node	STX_NO_SECURE_TRANSPORT
ATNA - Audit Trail and Node Authentication	SN - Secure Node	STX_TLS1.2_FLOOR_BCP195
CPI - Consistent Presentation of Images	ID - Image Display	NONE - None
CT - Consistent Time	TIME_CLIENT - Time Client	NONE - None
CT - Consistent Time	TS - Time Server	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
KIN - Key Image Note	ID - Image Display	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
PDQ - Patient Demographics Query	PDC - Patient Demographics Consumer	NONE - None
PDQV3 - Patient Demographics Query HL7 V3	PDC - Patient Demographics Consumer	NONE - None
PDQV3 - Patient Demographics Query HL7 V3	PDC - Patient Demographics Consumer	CONTINUATION
PIX - Patient Identifier Cross-referencing for MPI	PAT_IDENTITY_CONSUMER - Patient Identifier Cross-reference 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
RMD - Remove Metadata and Documents	DOC_ADMINISTRATOR - Document Administrator	NONE - None
RMD - Remove Metadata and Documents	DOC_ADMINISTRATOR - Document Administrator	REMOTE_REGISTRY - Remote Registry
SINR - Simple Image and Numeric Report	RRD - Report Reader	NONE - None
SVS - Sharing Value Sets	VALUE_SET_CONSUMER	NONE - None
SVS - Sharing Value Sets	VALUE_SET_CONSUMER	HTTP_BINDING
SVS - Sharing Value Sets	VALUE_SET_CONSUMER	SOAP_BINDING
SWF - Scheduled Workflow	IM - Image Manager/Archive	PPS_EXC_MGT - PPS Exception Management
SWF - Scheduled Workflow	PPSM - Performed Procedure Step Manager	NONE - None



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
XDR - Cross-Enterprise Document Reliable Interchange	DOC_ADMINISTRATOR - Document Administrator	NONE - None
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_Niobe.pdf

1.2 Link to DICOM Conformance Statement

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