IHE Integration Statement

Syngo Carbon Core

Syngo Carbon IDM

Syngo Carbon Space

Syngo Carbon Enterprise Access

Universal Import

March 2024

SIEMENS Healthineers

1 About This Statement

Integrating the Healthcare Enterprise (IHE) is an international initiative to support vendor-independent interoperability between different healthcare systems. Interoperability is periodically tested at so-called IHE Connectathons, where vendors prove the successful interconnection of their software with at least three different systems by other vendors. Successful test results of implemented IHE Profiles are published as IHE Integration Statements.

In order to satisfy the highest-quality requirements, Siemens Healthineers has committed to periodically testing the products of the Syngo Carbon Core solution at IHE Connectathons to confirm the compliance with current IHE Integration Profiles.

The products listed below implement all transactions required in the IHE Technical Framework to support the IHE Integration Profiles, Actors and Options listed on the following pages.

IHE Integration Statement			**Date** **March 2024**
Vendor	**Application Name**	**Software Product**	**Version**
Siemens Healthineers	Syngo Carbon IDM Syngo Carbon Space Syngo Carbon Enterprise Access Universal Import	*syngo*.share core Syngo Carbon Space Syngo Carbon Enterprise Access *syngo*.share import	VA32C VA34A VA41A VA32C

2 Profiles

Integration Profiles Implemented	Actors Implemented	Options Implemented	Syngo Carbon IDM	Syngo Carbon Space	Syngo Carbon Enterprise Access	Universal Import
Profiles in Radiology (RAD) domain						
Access to Radiology Information (ARI)	Image Manager/Archive	-	✓			
	Report Repository	-	✓			
Consistent Presentation of Images (CPI)	Evidence Creator	-		✓		
	Image Display	-		✓	✓	
	Image Manager/Archive	-	✓			
Evidence Documents (ED)	Image Manager/Archive	-	✓			
Imaging Object Change Management (IOCM)	Change Requester	-	✓			
	Image Manager/Archive	-	✓			
Import Reconciliation Workflow (IRWF)	Image Manager/Archive	-	✓			
	Importer	-				✓
Key Image Note (KIN)	Image Display	-			✓	
	Image Manager/Archive	-	✓			
Mammography Image (Mammo)	Image Manager/Archive	-	✓			
Nuclear Medicine Image (NMI)	Image Manager/Archive	-	✓			
Patient Information Reconciliation (PIR)	Image Manager/Archive	-	✓			
	Performed Procedure Step Manager	-	✓			
Portable Data for Imaging (PDI)	Portable Media Creator	DVD Media USB Media for PDI			✓	✓
	Portable Media Importer				✓	✓
	Report Reader	-				✓
Radiation Exposure Monitoring (REM)	Image Manager / Archive	-	✓			
Scheduled Workflow (SWF)	Evidence Creator	-		✓		
	Image Display	-		✓	✓	
	Image Manager / Archive	-	✓			
	Performed Procedure Step Manager	-	✓			
Simple Image and Numeric Report (SINR)	Report Repository	-	✓			
Cross-Enterprise Document Sharing for Imaging (XDS-I.b)	Imaging Document Consumer	-			✓	
	Imaging Document Source	PDF Report Set of DICOM Instances CDA Wrapped Text Report	✓			

Integration Profiles Implemented	Actors Implemented	Options Implemented	Syngo Carbon IDM	Syngo Carbon Space	Syngo Carbon Enterprise Access	Universal Import
Profiles in Cardiology (CARD) domain						
Cardiology Evidence Document (ED-CARD)	Image Manager/Archive	-	✓			
Profiles in IT Infrastructure (ITI) domain						
Audit Trail and Node Authentication (ATNA)	Audit Record Repository	-	✓			
	Secure Application	Radiology Audit Trail	✓			
	Secure Node	Radiology Audit Trail	✓			
Consistent Time (CT)	Time Client	Secure NTP	✓	✓		
	Time Server	Secure NTP	✓			
Patient Administration Management (PAM)	Patient Demographics Consumer	Merge	✓			
	Patient Encounter Consumer	-	✓			
Patient Demographics Query / HL7 v3 (PDQ/PDQV3)	Patient Demographics Supplier	-	✓			
Patient Identifier Cross-referencing (PIX/PIXV3)	Patient Identity Source	-	✓			
	Patient Identifier Cross-Reference Consumer	-			✓	
Cross-Enterprise Document Sharing (XDS.b)	Document Administrator		✓			
	Document Consumer				✓	
	Document Repository		✓			
	Document Source		✓			
	Integrated Document Source/Repository		✓			
Cross-Enterprise User Assertion (XUA)	X-Service User	Subject-Role PurposeOfUse	✓		✓	

3 Further Information

Please find further information on the following topics online:

Internet address for vendor's IHE information:	www.siemens-healthineers.com/ihe	
Links to Standards Conformance Statements for the Implementation		
HL7	www.siemens-healthineers.com/hl7	
DICOM	www.siemens-healthineers.com/dicom	
Links to general information on IHE		
North America: http://ihe.net/IHE_Worldwide/	Europe: http://ihe.net/IHE_Worldwide/	Asia/Pacific: http://ihe.net/IHE_Worldwide/

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