



syngo.share / Release VA28B / 2020-07-28 / Revision 5017

IHE Integration Statement

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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, ITH icoserve has committed to periodically testing their product *syngo.share* at IHE Connectathons to confirm the compliance with current IHE Integration Profiles.

Vendor

ITH icoserve technology for healthcare GmbH

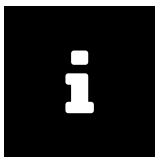
Product Name

syngo.share

Version

VA28B

This product implements all transactions required in the IHE Technical Framework to support the IHE Integration Profiles, Actors and Options listed on the following pages.



Note

Profiles are tested regularly at EU and/or US Connectathons.

2 Profiles

| Integration Profiles Implemented | Actors Implemented | Options Implemented |
|---|--|---------------------------|
| Access to Radiology Information (ARI) | Image Manager/Archive | - |
| | Image Display | - |
| | Report Repository | - |
| Audit Trail and Node Authentication (ATNA) | Audit Record Repository | - |
| | Secure Application | Radiology Audit Trail |
| | Secure Node | Radiology Audit Trail |
| Cardiology Evidence Documents (ED-CARD) | Image Manager/Archive | - |
| Consistent Presentation of Images (CPI) | Image Display | - |
| | Image Manager/Archive | - |
| | Print Composer | - |
| Consistent Time (CT) | Time Client | Secure NTP |
| | Time Server | Secure NTP |
| Cross-Enterprise Document Sharing (XDS.b) | Document Administrator | Update Metadata |
| | | Delete Metadata |
| | Document Consumer | - |
| | Document Repository | - |
| | Document Source | Asynchronous Web Services |
| | | Exchange |
| Embedded Document Source/Repository | Document Replacement | |
| 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 |
| Cross-Enterprise User Assertion (XUA/XUA++) | X-Service User | - |
| Evidence Documents (ED) | Image Manager/Archive | - |
| Imaging Object Change Management (IOCM) | Change Requestor | - |
| | Image Manager/Archive | - |
| Import Reconciliation Workflow (IRWF.b) | Image Manager/Archive* * No connectathon test possible due to insufficient number of test partners. | - |
| | Importer | - |
| Internet User Authorisation (IUA) | Authorization Client | - |
| | Authorization Server | - |
| | Resource Server | - |

| Integration Profiles Implemented | Actors Implemented | Options Implemented |
|--|---|------------------------------|
| Key Image Note (KIN) | Image Display | - |
| | Image Manager/Archive | - |
| Mammography Image (MAMMO) | Image Manager/Archive | - |
| Nuclear Medicine Image (NMI) | Image Manager/Archive | - |
| Patient Administration Management (PAM) | Patient Demographics Consumer | Merge |
| | Patient Encounter Consumer | - |
| Patient Demographics Query (PDQ)/Patient Demographics Query HL7 V3 (PDQV3) | Patient Demographics Consumer | - |
| Patient Demographics Query for Mobile (PDQm) | Patient Demographics Consumer (PDQm) | - |
| | Patient Demographics Supplier (PDQm) | - |
| Patient Identifier Cross-Referencing (PIX) / Patient Identifier Cross-Referencing HL7 V3 (PIXV3) | Patient Identifier Cross-Reference Consumer | - |
| | Patient Identity Source | - |
| Patient Information Reconciliation (PIR) | Image Manager/Archive | - |
| | Performed Procedure Step Manager | - |
| Portable Data for Imaging (PDI) | Image Display | - |
| | Print Composer | - |
| | Portable Media Creator | DVD Media |
| | | USB Media for PDI |
| | Portable Media Importer | DVD Media |
| USB Media for PDI | | |
| Report Reader | - | |
| Radiation Exposure Management (REM)* *Profile implemented. Connectathon tests planned. | Image Manager/Archive | - |
| Scheduled Workflow.b (SWF.b) | Image Display | - |
| | Image Manager/Archive | - |
| | Performed Procedure Step Manager | - |
| Simple Image and Numeric Report (SINR) | Report Repository | - |
| Sharing Value Set (SVS) | Value Set Consumer | HTTP Binding |
| | | SOAP Binding |
| | | Retrieve Multiple Value Sets |

3 Overview of Actors and Profiles

| Domain | Radiology | | | | | | | | | | | | | | Cardiology | IT Infrastructure | | | | | | | | | | | |
|---|-----------|-----|-----|----|------|--------|-----|-------|-----|-----|-----|-----|------|-------|------------|-------------------|------|----|-----|-----|------|-----------|----------|-----|-------|----------|--|
| Actors | Profiles | ARI | CPI | ED | IOCM | IRWF.b | KIN | MAMMO | NMI | PDI | PIR | REM | SINR | SWF.b | XDS-I.b | ED-CARD | ATNA | CT | IUA | PAM | PDQm | PDQ/IDQV3 | PIX/PIX3 | SVS | XDS.b | XUAXUA++ | |
| Audit Record Repository | | | | | | | | | | | | | | | | | ■ | | | | | | | | | | |
| Authorization Client | | | | | | | | | | | | | | | | | | | ■ | | | | | | | | |
| Authorization Server | | | | | | | | | | | | | | | | | | | ■ | | | | | | | | |
| Change Requestor | | | | ■ | | | | | | | | | | | | | | | | | | | | | | | |
| Document Administrator | | | | | | | | | | | | | | | | | | | | | | | | | | ■ | |
| Document Consumer | | | | | | | | | | | | | | | | | | | | | | | | | | ■ | |
| Document Repository | | | | | | | | | | | | | | | | | | | | | | | | | | ■ | |
| Document Source | | | | | | | | | | | | | | | | | | | | | | | | | | ■ | |
| Embedded Document Source/Repository | | | | | | | | | | | | | | | | | | | | | | | | | | ■ | |
| Image Display | ■ | ■ | | | | ■ | | | | ■ | | | | ■ | | | | | | | | | | | | | |
| Image Manager/Archive | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | ■ | ■ | | ■ | | ■ | | | | | | | | | | | |
| Imaging Document Consumer | | | | | | | | | | | | | | | ■ | | | | | | | | | | | | |
| Imaging Document Source | | | | | | | | | | | | | | | ■ | | | | | | | | | | | | |
| Importer | | | | ■ | | | | | | | | | | | | | | | | | | | | | | | |
| Patient Demographics Consumer | | | | | | | | | | | | | | | | | | | | ■ | ■ | ■ | | | | | |
| Patient Demographics Supplier | | | | | | | | | | | | | | | | | | | | | ■ | | | | | | |
| Patient Identifier Cross-Reference Consumer | | | | | | | | | | | | | | | | | | | | | | | ■ | | | | |
| Patient Identity Source | | | | | | | | | | | | | | | | | | | | | | | ■ | | | | |
| Performed Procedure Step Manager | | | | | | | | | | | ■ | | | ■ | | | | | | | | | | | | | |

4 Further Information

Internet Address for Vendor's IHE Information

www.ith-icoserve.com/ihe

Links to Standards Conformance Statements for the Implementation

DICOM: <http://www.ith-icoserve.com/dicom>

Links to General Information on IHE

North America: <http://www.ihe.net>

Europe <http://www.ihe-europe.org>

Japan: <http://www.jira-net.or.jp/ohe-j>

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