# IHE Integration Statement

# IntelliSpace Universal Data Manager 2.1 & IntelliSpace Radiology 4.5



**PHILIPS**

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# 1. INTRODUCTION

## 1.1.  Overview

The Integrating the Healthcare Enterprise (IHE) Integration Statement specifies the Integration Profiles, its Actors, and Options Philips Healthcare has chosen for implementing in this product.
This document helps the reader to investigate whether and to what extent interoperability with other products might be supported.

The IHE Technical Framework identifies a subset of the functional components of the healthcare enterprise and specifies their interactions in terms of a set of coordinated transactions. The actors and transactions described in the IHE Technical Framework are abstractions of the real-world healthcare information system environment. While some of the transactions are traditionally performed by specific product categories (e.g. HIS, RIS, PACS, or modalities), the IHE Technical Framework intentionally avoids associating functions or actors with such product categories. For each actor, the IHE Technical Framework defines only those functions associated with integrating information systems. The IHE definition of an actor should therefore not be taken as the complete definition of any product that might implement it, nor should the framework itself be taken as the complete definition of a healthcare information system architecture.

This IHE Integration Statement provides the reader with a high-level view of supported IHE integration profiles. For further investigations, additional information can be found in the DICOM Conformance Statement of this product and in the IHE Technical Framework.

## 1.2.  Important Note to the Reader

This IHE Integration Statement by itself does not guarantee successful interoperability of this Philips product with other products. The user (or user's agent) should be aware of the following issues:

### Interoperability

Interoperability refers to the ability of application functions, distributed over two or more systems, to work successfully together. It is the user's responsibility to analyze thoroughly the application requirements and to specify a solution that integrates Philips equipment with non-Philips equipment.

### Validation

Philips equipment has been carefully tested to assure that the actual implementation of the IHE Integration Profiles corresponds with this Integration Statement.
Where Philips equipment is linked to other equipment, the first step is to compare the relevant Integration Statement. If the Integration Statement indicates that successful information exchange should be possible, additional validation tests will be necessary to ensure the functionality, performance, accuracy and stability of image and image related data. It is the responsibility of the user (or user's agent) to specify the appropriate test suite and to carry out the additional validation tests.

### New versions of the IHE Technical Framework

The IHE Technical Framework will evolve in future to meet the user's growing requirements and to incorporate new features and technologies. Philips is actively involved in this evolution and plans to adapt its equipment to future versions of the IHE Technical Framework. In order to do so, Philips reserves the right to make changes to its products or to discontinue its delivery.
The user should ensure that any non-Philips provider linking to Philips equipment also adapts to future versions of the IHE Technical Framework. If not, the incorporation of IHE enhancements into Philips equipment may lead to loss of connectivity (in case of networking).

## 1.3.    General Acronyms and Abbreviations

The following acronyms and abbreviations are used in the document.

- Actor      An entity within a use case that performs an action
- DICOM    Digital Imaging and Communication in Medicine
- HIS        Hospital Information System
- IHE        Integrating the Healthcare Enterprise
- PACS      Picture Archiving and Communication System
- RIS        Radiology Information System

## 2. IHE INTEGRATION STATEMENT

| Vendor | Product Name | Version | Date |
|---|---|---|---|
| Philips Medical Systems | IntelliSpace Universal Data Manager 2.1 & IntelliSpace Radiology 4.5 | 2.1 & 4.5 | 2018-11-28 |

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

| Integration Profiles Implemented | Actors Implemented | Options Implemented |
|---|---|---|
| Access to Radiology Information (ARI) | Image Display | None |
|  | Image Manager/Image Archive | None |
| Consistent Presentation of Images (CPI) | Image Display | None |
|  | Image Manager/Image Archive | None |
| Key Image Note (KIN) | Image Display | None |
|  | Image Manager/Image Archive | None |
|  | Evidence Creator | None |
| Nuclear Medicine Image (NMI) | Image Manager/Image Archive | None |
| Patient Information Reconciliation (PIR) | Image Manager/Image Archive | None |
|  | Performed Procedure Step Manager | None |
| Scheduled Workflow (SWF) | Image Display | None |
|  | Image Manager/Image Archive | None |
|  | Performed Procedure Step Manager | None |
| Cross-Enterprise Document Sharing for Imaging (XDS-I.b) | Imaging Document Consumer | None |
|  | Imaging Document Source | • Set of DICOM Instances Text Report |
| Audit Trail and Node Authentication (ATNA) | Secure Application<br>This is for<br>- XDS/Document Consumer,<br>- XDS-I/Imaging Document Source<br>- XDS-I/Imaging Document Consumer<br>Note: The Secured Image Retrieval transactions for the XDS-I is available only for the RAD-55 and RAD-69 Web retrieval | None |
| Consistent Time (CT) | Time Client | None |
| Patient Identifier Cross-referencing for MPI (PIX) | Patient Identifier Cross-reference Consumer | None |

| Integration Profiles Implemented | Actors Implemented | Options Implemented |
|---|---|---|
| Cross-Enterprise Document Sharing (XDS.b) | Document Consumer | None |
| Mammography Image (MAMMO) | Image Display | None |
| Digital Breast Tomosynthesis (DBT) | Image Display | • For Presentation Breast Projection X-Ray Images |
| | Image Manager/Image Archive | • For Presentation Breast Projection X-Ray Images<br>• For Processing Breast Projection X-Ray Images |
| | Evidence Creator | None |
| **IHE Conformance Statements** | **Philips IHE**<br>**(**https://www.usa.philips.com/healthcare/resources/support-documentation#ihe) | |
| **DICOM Conformance Statements** | **Philips DICOM**<br>(https://www.usa.philips.com/healthcare/resources/support-documentation#dicom) | |
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