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IHE INTEGRATION STATEMENT ALLIANCE DRF43-2

DOCUMENT NUMBER

Ref. 5Z-40-009 Rev. 0 - December 2010

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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 APELEM-DMS GROUP has chosen for implementing in these products. This document helps the reader to investigate whether and to what extent interoperability with other products is 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 usually 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 these products 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 these APELEM-DMS GROUP products 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 APELEM-DMS GROUP equipment with non-APELEM-DMS GROUP equipment.

Validation

APELEM-DMS GROUP equipment has been carefully tested to assure that the actual implementation of the IHE Integration Profiles corresponds with this Integration Statement. Where APELEM-DMS GROUP equipment is linked to non-APELEM-DMS GROUP 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 the future to meet the user’s growing requirements and will incorporate new features and technologies. APELEM-DMS GROUP 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, APELEM-DMS GROUP reserves the right to make changes to its products or to discontinue their delivery.

The user should ensure that any non-APELEM-DMS GROUP provider linking to APELEM-DMS GROUP equipment also adapts to future versions of the IHE Technical Framework. If not, the incorporation of IHE enhancements into APELEM-DMS GROUP 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.

- IHE Integrating the Healthcare Enterprise
- HIS Hospital Information System
- RIS Radiology Information System
- DICOM Digital Imaging and Communication in Medicine
- RSNA Radiological Society of North America
- ACTOR An entity within a use case that can perform an action

2. IHE INTEGRATION STATEMENT

These products implements all of the transactions specified in the IHE Technical Framework to support the IHE Integration Profiles and Actors specified below:		
Integration Profiles Implemented	Actors Implemented	Options Implemented
Scheduled Workflow (SWF)	Acquisition Modality	• Billing and Material Management • Patient Based Worklist Query
Patient Information Reconciliation (PIR)	Acquisition Modality	None
Consistent Presentation of Images (CPI)	Acquisition Modality Print Composer	None
Portable Data for Imaging (PDI)	Acquisition Modality	None
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