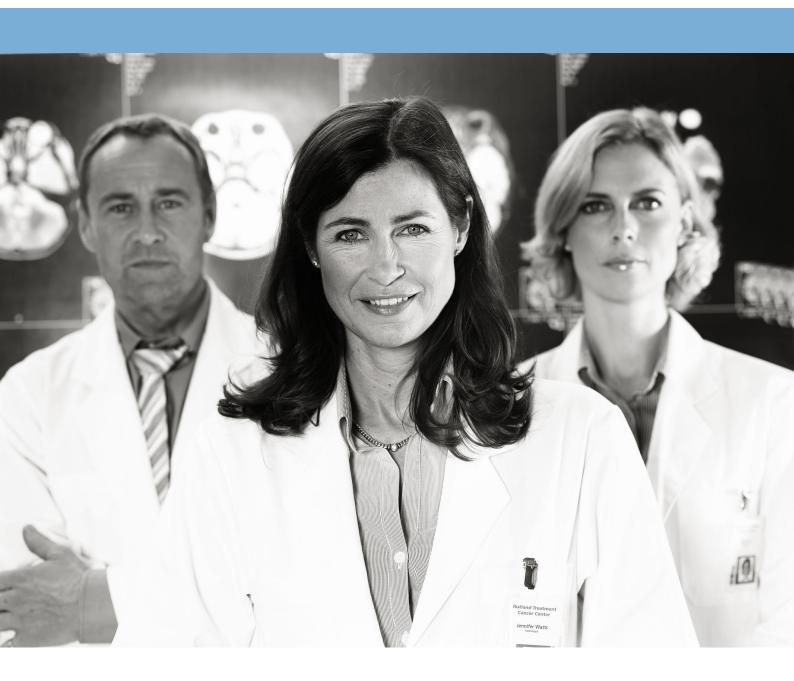# IHE Integration Statement

Sectra PACS and Sectra Open Archive

Version 17.1, April 2015

SECTRA

About this document

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Disclaimer

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Feedback

As part of our commitment to provide the highest quality products and services, we would like to encourage feedback on the quality of this documentation.

If you think we can improve this document in any way, then please send your suggestions to `<info@sectra.se>`.

Contents

1 Introduction

The Integrating the Healthcare Enterprise (IHE) Integration Statement was developed as a high-level statement of integration for products, which were intended to interoperate, based on IHE Integration Profiles. This document identifies the IHE Actors, IHE Integration Profiles and options Sectra AB has implemented in each product version.

The Sectra IHE Integration Statement has been created to assist the reader in determining whether and to what extent interoperability with other vendors might be supported.

The IHE Technical Framework specifies a subset of the working mechanism of the healthcare enterprise and defines their exchanges in terms of a set of coordinated transactions. The actors and transactions expressed in the IHE Technical Framework are generalizations of actual healthcare information system environments. While some of the transactions are customarily carried out by specific product groups (e.g. HIS, RIS, PACS, or modalities), the IHE Technical Framework purposely avoids relating functions or actors with such product groups. For each actor, the IHE Technical Framework identifies only those functions linked with integrating information systems. The IHE definition of an actor should not be interpreted as the absolute definition of any product that might implement that particular actor. In addition, the framework itself should not be taken as the absolute definition of healthcare information system architecture.

This IHE Integration Statement affords the reader with a sophisticated view of supported IHE integration profiles. For further exploration, additional information can be found in the DICOM and HL7 Conformance Statements of this product and in the IHE Technical Framework.

This IHE Integration Statement does not guarantee successful interoperability of this product with other vendor's products. It is the user's responsibility to thoroughly analyze the application requirements and to specify a solution that integrates the Sectra PACS or Sectra Open Archive with other vendor's software and systems.

2 About IHE

The following topics are included in this chapter:

■ Integrating the Healthcare Enterprise (IHE)

■ **References**

2.1 Integrating the Healthcare Enterprise (IHE)

IHE is a multi-year initiative undertaken by medical specialists, administrators, information technology professionals and manufacturers, sponsored by the Radiological Society of North America (RSNA) and the Healthcare Information and Management Systems Society (HIMSS), whose sole purpose is to improve the way computer systems in healthcare share information.

IHE is not a standards organization. Instead it promotes coordinated use of existing standards such as DICOM and HL7 to develop workflow solutions for the healthcare enterprise. Systems designed in agreement with IHE profiles communicate with one another better, are easier to implement, and facilitate the efficient access of information. Physicians, nurses, administrators and other healthcare professionals foresee a day when vital information can flow seamlessly from system to system and be readily available at the point of care. IHE is intended to make this vision a reality by improving the condition of systems integration and eliminating barriers to optimal patient care.

Though begun in the USA, the IHE is a world wide initiative. The Regional IHE Initiatives currently encompass IHE – Asia Oceania, IHE – EU (Europe) and IHE – NA (North America). The National and Regional IHE Initiatives coordinate the deployment of the IHE Technical Framework and Integration Profiles and give input to their development related to local needs and issues. They are sponsored and overseen by relevant national/regional professional associations and include membership and staff of these groups as well as local vendor representatives. These groups may rely on funding from other organizations (e.g., governmental bodies or foundations) and are responsible for securing and managing any such funds.

2.2 References

General IHE information:

● IHE home: http://www.ihe.net

● In North America: www.rsna.org/IHE

● Europe: http://www.ihe-europe.org

● Japan: http://www.jira-net.or.jp/ihe-j

Vendor's IHE information:

● http://www.sectra.com/medical/IHE

Vendor's DICOM Conformance Statement

- http://www.sectra.com/medical/DICOM

Vendor's HL7 information:

- http://www.sectra.com/medical/hl7

3 IHE integration statement

Vendor	Product Name	Version	Date
Sectra AB	Sectra PACS and Sectra Open Archive	17.1	2015-04-18

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	Actors Implemented	Options Implemented
Scheduled Workflow	Image Manager/Image Archive	None
	Performed Procedure Step Manager	None
Patient Information Reconciliation	Image Manager/Image Archive	None
	Performed Procedure Step Manager	None
Reporting Workflow	Image Manager/Image Archive	None
	Performed Procedure Step Manager	None
NM Image	Image Manager/Image Archive	None
Mammography Image	Image Manager/Image Archive	None
	Image Display	None
Digital Breast Tomosynthesis	Image Manager/Image Archive	None
	Image Display	None
Evidence Documents	Image Manager/Image Archive	None
Key Image Note	Image Manager/Image Archive	None
Access to Radiology Information	Image Manager/Image Archive	None
Consistent Presentation of Images	Image Manager/Image Archive	None
Audit Trail and Node Authentication	Secure Application	None
	Audit Record Repository	None
Consistent Time	Time Client	None
Portable Data for Imaging	Image Display	None
	Portable Media Importer	None
	Portable Media Creator	Web content

Integration Profile Implemented	Actors Implemented	Options Implemented
Cross Enterprise Document Sharing	Document Registry	None
	Document Repository	None
	Document Consumer	None
	Document Source	None
	Document Administrator	Delete Metadata
Cross Enterprise Document Sharing for Imaging	Imaging Document Source	None
	Imaging Document Consumer	None
Patient Identifier Cross-Referencing	Patient Identifier Cross-reference Consumer	PIX Update Notification
Teaching File and Clinical Trial Export	Receiver	None
Echocardiography Workflow	Image Manager/Image Archive	None
Cardiac Catheterization Workflow	Image Manager/Image Archive	None

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