

# IHE Integration Statement

## Sectra PACS

Version 12.2.2, May 2010



**SECTRA**

---

# About this document

---

© Sectra Imtec AB, Sweden, 2010

## **Disclaimer**

Sectra Imtec AB is not responsible for problems caused by changes in the operating characteristics of the computer hardware or operating system, which are made after the delivery of the software, or for problems that occur as a result of the use of Sectra software in conjunction with non-Sectra software other than the software explicitly covered in this documentation. For a complete description of warranty, refer to the End User License Agreement supplied with the Sectra product.

## **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.imtec@sectra.se](mailto:info.imtec@sectra.se)>.

---

# Contents

---

<b>About this document</b> .....	<b>ii</b>
1 Disclaimer .....	ii
2 Feedback .....	ii
<b>1 Introduction</b> .....	<b>1</b>
<b>2 About IHE</b> .....	<b>2</b>
2.1 Integrating the Healthcare Enterprise (IHE) .....	2
2.2 References .....	2
<b>3 IHE integration statement</b> .....	<b>4</b>

---

# 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 Imtec 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 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](http://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 Imtec AB	Sectra PACS	12.2.2	2008-02-01

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	None
	Image Archive	None
	Performed Procedure Step Manager	None
Access to Radiology Information	Image Manager	None
	Image Archive	None
Consistent Presentation of Images	Image Manager	None
	Image Archive	None
	Image Display	None
Patient Information Reconciliation	Image Manager	None
	Image Archive	None
	Performed Procedure Step Manager	None
Audit Trail and Node Authentication	Secure Node	None
	Secure Application	None
Portable Data for Imaging	Image Display	None
	Portable Media Importer	none
Cross Enterprise Document Sharing for Imaging	Document Registry	None
	Document Repository	None
	Document Consumer	None
	Imaging Document Source	None
	Imaging Document Consumer	None

The quality system of Sectra Imtec AB conforms to the Quality Management Systems standard ISO 9001:2000 and TickIT. All Sectra Imtec AB medical devices meet the provisions of the Medical Devices Directive 93/42/EEC. All Sectra Imtec AB medical devices placed on the North American market have obtained FDA market clearance.

Sectra, the Sectra logotype, the Sectra Imtec Handshake picture and the Sectra circles are registered trademarks of Sectra AB. Pronosco and Pronosco X-posure System are registered trademarks of Sectra Imtec AB. OrthoStation is a registered trademark of Sectra North America, Inc. Sectra PACS, Sectra Breast Imaging PACS, Sectra RIS, Sectra Screening RIS, Sectra MicroDose Mammography, IDS5, IDS7, WISE, ImageServer, Clinical Solutions Network, Sectra Medical Interfaces, Clinical Application Interface and Cross Platform Worklist are trademarks of Sectra Imtec AB. PACS-Guard is a servicemark of Sectra North America, Inc.

Windows is a registered trademark of Microsoft Corporation in the United States and other countries. UNIX is a registered trademark of The Open Group in the United States and other countries. All other names/products by ® or ™ are registered trademarks of the respective manufacturer.

This product is protected by U.S. patents 6,005,917; 6,411,729; 6,763,257; 7,162,623; Japanese patent 3646122; European patents 0818971; 1046374; and Swedish patents 0203545; 0300951. Patents Pending in the U.S. and other countries.

**World Headquarters,  
manufacturer  
Sectra Imtec AB**  
Teknikringen 20  
SE-58330 Linköping  
Sweden  
Phone: +46 13 23 52 00  
E-mail: info.se@sectra.se



**USA**  
Phone: +1 203 925 0899  
E-mail: info.na@sectra.com

**Germany/Switzerland/Austria**  
Phone: +49 241 963 2650  
E-mail: info.de@sectra.com

**United Kingdom/Ireland**  
Phone: +44 1908 673 107  
E-mail: info.uk@sectra.com

**Australia/New Zealand**  
Phone: + 61 2 9420 1620  
E-mail: info.anz@sectra.com

**Sweden**  
Phone: + 46 13 23 52 00  
E-mail: info.se@sectra.se

**Norway**  
Phone: +47 67 58 97 70  
E-mail: info.no@sectra.com

**Denmark**  
Phone: +45 45 65 06 00  
E-mail: info.dk@sectra.com

**Japan**  
Phone: + 81 90 6911 7410  
E-mail: info.jp@sectra.com

**Spain/Portugal**  
Phone: +34 91 444 26 00  
E-mail: info.iberia@sectra.com

**Benelux**  
Phone: +31 36 540 1970  
E-mail: info.benelux@sectra.com

**Italy**  
Phone: +39 333 1 222 736  
E-mail: info.it@sectra.com

# SECTRA