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IHE Integration Statement

Alma WORKSTATION 5.0

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Passeig de Gràcia, 11, Escalera A, 2º 1ª · Barcelona 08007 · T. 93.2380592 · www.alma-medical.com · info@alma-medical.com

Acronyms and Abbreviations

The following acronyms and abbreviations are used in this document:

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

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1 Introduction

1.1 About IHE

Integrating the Healthcare Enterprise (IHE) is an initiative by healthcare industry professionals to improve the way computer systems in healthcare share information. IHE promotes the coordinated use of established standards such as DICOM and HL7 to address specific clinical needs in support of optimal patient care. Systems developed in accordance with IHE communicate with one another better, are easier to implement and enable care providers to use information more effectively. Physicians, medical specialists, nurses, administrators and other care providers envision a day when vital information can be passed seamlessly from system to system within and across departments and made readily available at the point of care. IHE is designed to make their vision a reality by improving the state of systems integration and removing barriers to optimal patient care. This interoperability vision is demonstrated in showcases at HIMSS, RSNA and ACC events.

1.2 IHE Integration Statements

IHE Integration Statements describe how systems should be designed to interoperate. They identify the specific IHE capabilities a given product is designed to support in terms of the key concepts of IHE: Actors (a role that a given system performs) and Integration Profiles (integration function). The IHE integration statements below describe how Cerner solutions have implemented the IHE technical framework.

1.3 Alma IT Systems and IHE

Alma IT Systems firmly believe in the benefits of using standards for interoperability with other systems, and has joined the IHE initiative since its early foundation in 2005. Since then it has participated in Connectathon meetings to validate its software products in the medical market.

1.4 About Alma

Alma WORKSTATION 5.0 is a software application used to visualize DICOM images, Structured Reports and Presentation State obtained from the network and/or external devices of the equipment (CD, DVD, HD, etc.).

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The application allows asking remote systems for the list of DICOM objects available, and to receive them later in the local system. It also allows sending objects stored in local across the network to other remote DICOM systems.

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2 IHE Integration Statement

IHE Integration Statement

Vendor	Product Name	Version	Date
Alma IT Systems, S.L.	Alma WORKSTATION	5.0	25 October 2018

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
Radiology		
Scheduled Workflow	Image Display	
Consistent Presentation of Images	Image Display	
Access to Radiology Information	Image Display	
Key Image Note	Image Display	
Portable Data for Imaging	Image Display	
Mammography Image	Image Display	
Nuclear Medicine Image	Image Display (2009)	
Mammography Image	Image Display	
Links to Standards Conformance Statements for the Implementation		
DICOM	http://www.alma3d.com/dicom	
IHE	http://www.alma3d.com/ihe	
Links to General Information on IHE		
In North America	http://www.ihe.net	
In Europe	http://www.ihe-europe.org	
In Japan	http://www.ihe-j.org	

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