

*t2Store*TM

Serveur de stockage, d'archivage et de diffusion de dossiers radiologiques

IHE Integration Statement

Release 1.1

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1. Overview

T2Store is a server application with a Web Interface for system configuration and monitoring.

T2Store is an implementation of an IHE (Integrating the Healthcare Enterprise) compliant Image Manager / Image Archive.

T2Store supports the following IHE Integration Profiles:

- Access to Radiology Information
- Patient Information Reconciliation
- Scheduled Workflow
- Consistent Presentation Images
- Key Image Note

This includes the capabilities :

- to store and retrieve various DICOM Objects (Images, GSPS, KO, SR,...)
- to process HL7 notification messages from the Order Filler, about Procedure Scheduling, Procedure Updates and Patient Information Updates
- to process DICOM Modality Performed Procedure Step (MPPS) messages from modalities and forward them to the Order Filler.

2. Introduction

2.1 Revision History

Revision Number	Date	Reason for Change	Author
1.0	January 1, 2005	Initial Version	E. Roecker
1.1	October 1, 2007	Revisited	S.C. Tan

2.2 Purpose and Intended Audience

This document is intended for hospital staff, health system integrators. It's assumed that the reader has a working understanding of HL7 standard, DICOM standard and the IHE Technical Framework.

IHE is an initiative by healthcare professionals and industry to improve the way computer systems in healthcare share information.

IHE Integration Profiles describe a clinical information need or workflow scenario and document how to use established standards (HL7, DICOM,...) to accomplish it. A group of systems that implement the same Integration Profile address the need/scenario in a mutually compatible way.

- Integration Profiles provide an implementation guide for equipment vendors
- Integration Profiles are an effective shorthand for healthcare providers to specify integration requirements when purchasing systems.

Although the use of this integration statement in conjunction with the HL7 conformance statement and DICOM conformance statement is intended to facilitate communication with T2Store, it is not sufficient to guarantee, by itself, the inter-operation of the connection between T2Store and the 3rd party.

2.3 Acronyms and Abbreviations

The following definitions, terms and abbreviations are used in this document :

IHE : Integrating the HealthCare Enterprise

DICOM : Digital Imaging and Communication in Medicine

HL7 : Health Level 7

HIS : Hospital Information System

RIS : Radiology Information System

ACTOR : An entity within a use case that can perform an action

2.4 Related Documents

DICOM

Digital Imaging and Communications in Medicine (DICOM), NEMA PS 3.1 – 3.16, 2001

HL7 Standard

Health Level 7 , version 2.3.1, see www.hl7.org

IHE-TF

Integrating the Healthcare Enterprise Technical Framework, HIMSS/RSNA, Revision 7.0 2006

3. IHE Integration Statement

IHE Integration Statement		Date :	Oct 2007
Vendor	Product Name	Version	
<i>T2 Technology</i>	<i>T2Store</i>	« 2.1 »	
This product implements all 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 Manager/Image Archive	None	
Patient Information Reconciliation (PIR)	Image Manager/Image Archive	None	
Scheduled Workflow (SWF)	Image Manager/Image Archive	None	
Consistent Presentation of Images (CPI)	Image Manager/Image Archive	None	
Key Image Note (KIN)	Image Manager/Image Archive	None	
Links			
HL7 Conformance Statement :	www.t2technology.fr/connectivity/t2store/hl7cs.pdf		
DICOM Conformance Statement :	www.t2technology.fr/connectivity/t2store/dicomcs.pdf		
More about products :	www.t2technology.fr		
For general information on IHE :	www.ihe-europe.org www.rsna.org/ihe		