Pukka-j Limited

Technical documentation:

Pukka-j Dicom Explorer IHE Integration Profile

Version: **5.4.8 (2.8)**

Date: **June 2012**

1 Introduction

"IHE Profiles provide a standards-based framework for sharing information within care sites and across networks. They address critical interoperability issues related to information access for care providers and patients, clinical workflow, security, administration and information infrastructure. Each profile defines the actors, transactions and information content required to address the clinical use case by referencing appropriate standards." – IHE.net.

This Integrating the Healthcare Enterprise (IHE) integration statement describes the intended performance of the Pukka-j Dicom Explorer suite of software within the IHE technical framework. The IHE technical framework makes reference to DICOM and HL7 standards (IHE does not describe a standard of its own); conformance statements for these standards are available on request from Pukka-j.

2   Dicom Explorer IHE Integration Statement

IHE Integration Statement			
Vendor	**Product Name**	**Version**	**Date**
Pukka-j	**Dicom Explorer**	**5.4.8**	**Jun 12**
This product implements all of the transactions specified in the IHE Technical Framework to support the IHE Integration Profiles, Actors and Options specified below:			
Integration Profiles Implemented	**Actors Implemented**	**Options Implemented**	
Audit Trail and Node Authentication **(ATNA)**	Audit Record Repository, Secure Node, Secure Application	Radiology Audit Trail	
Basic Radiation Therapy Objects Integration Profile **(BRTO)**	Archive	None	
Scheduled Workflow **(SWF)**	ADT Patient Registration, Department System Scheduler/Order Filler, Image Archive, Image Display, Image Manager, Order Placer, Performed Procedure Step Manager	None	
Patient Information Reconciliation **(PIR)**	ADT Patient Registration, Department System Scheduler/Order Filler, Image Archive , Image Manager, Order Placer, Performed Procedure Step Manager, Report manager, Report repository	None	
Consistent Presentation of Images **(CPI)**	Image Archive , Image Display, Image Manager	None	
Presentation of Grouped Procedures **(PGP)**	Department System Scheduler/Order Filler, Image Archive , Image Manager, Performed Procedure Step Manager	None	
Access to Radiology Information **(ARI)**	Image Archive , Image Display, Image Manager, Report reader, Report repository	Multiple sources (Image Display, Report Reader)	
Key Image Notes **(KIN)**	Evidence Creator, Image Archive, Image Display, Image Manager	None	
Simple Image and Numeric Report **(SINR)**	Enterprise Report Repository, Report Creator, Report manager, Report reader, Report repository	None	

Post Processing Workflow **(PWP)**	Department System Scheduler/Order Filler, Image Archive , Image Display, Image Manager	None
Reporting Workflow **(RWF)**	Department System Scheduler/Order Filler, Image Archive , Image Manager, Performed Procedure Step Manager, Report Creator, Report manager, Report reader	None
Evidence Documents **(ED)**	Image Archive , Image Display, Image Manager, Report Creator	None
Portable Data for Imaging **(PDI)**	Image Display, Portable Media Creator, Portable Media Importer, Report reader	None
NM Image **(NM)**	Image Archive, Image Display, Image Manager	Review Option (Image Display)
Teaching File and Clinical Trial Export **(TCE)**	Export Manager, Export Selector	Remap identifiers (Export manager)
Import Reconciliation Workflow **(IRWF)**	Image Archive , Image Manager, Importer	None

Internet address for vendor's IHE information:

Available on request.

Links to Standards Conformance Statements of the Implementation	
HL7	Available on request.
DICOM	Available on request.

Links to general information on IHE		
In North America: www.ihe.net	In Europe: www.ihe-europe.net	In Japan: www.jira-net.or.jp/ihe-j