

## Standards & Frameworks

Name	<b>DICOM Communication Modules</b>		
Category (IP/ Reusable)	Knowledge	Component type (HW/SW/product etc)	Software
HW Platform	Intel	SW Platform /OS	Windows XP/VISTA /WINDOWS7
Applications / applicable products	Medical diagnostic imaging equipment/ PACS		
Market/ industries applicable	Healthcare		
Product Description	DICOM SCUs and SCPS. (PRINT , NETWORK STORE , MODALITYWORKLIST )		
Technical specifications	C++/.NET		
Features /benefits			
Other relevant details	Developed for integrating PACS and Diagnostic Equipments		
Readiness	Available		

Name	<b>Radiology Information Scheduler</b>		
Category (IP/ Reusable)	IP/ Knowledge	Component type (HW/SW/product etc)	Software
HW Platform	Intel	SW Platform /OS	Windows XP/VISTA /WINDOWS7
Applications / applicable products	HIS (Hospital Information System) , RIS (Radiology Information System) , PACS		
Market/ industries applicable	Healthcare		
Product Description	This is helpful for scheduling available modality equipments for multiple patients and connecting Hospital Information systems to PACS and Modality machines . Patient Information will be transferred by HL7 and DICOM messages to modality		
Technical specifications	C++ , C#		
Features /benefits			
Other relevant details	Developed for integrating with Diagnostic Equipments		
Readiness	Available		



<b>Name</b>	<b>Patient Encounter Component</b>		
<b>Category (IP/ Reusable)</b>	IP/ Knowledge	<b>Component type (HW/SW/product etc)</b>	Software
<b>HW Platform</b>	Intel	<b>SW Platform /OS</b>	Windows XP/VISTA /WINDOWS7
<b>Applications / applicable products</b>	Electronic Medical records		
<b>Market/ industries applicable</b>	Healthcare		
<b>Product Description</b>	This is helpful for interrogating patients and making a conclusion on current illness. This is based on SOAP (Subjective Objective Planning and Assessment model). This component can be integrated to HIS and EMRs very quickly		
<b>Technical specifications</b>	C#. WPF,ASP.NET		
<b>Features /benefits</b>			
<b>Other relevant details</b>	Developed for integrating with HIS		
<b>Readiness</b>	Available		

<b>Name</b>	<b>IHE Profile Implementation</b>		
<b>Category (IP/ Reusable)</b>	Knowledge	<b>Component type (HW/SW/product etc)</b>	Software
<b>HW Platform</b>	Intel	<b>SW Platform /OS</b>	Windows XP
<b>Applications / applicable products</b>	Connectivity solutions for Ultra sound modality		
<b>Market/ industries applicable</b>	Healthcare		
<b>Product Description</b>	Connectivity solution conforming to DICOM and IHE profiles		
<b>Technical specifications</b>	VC++, XML, DICOM, IHE		
<b>Features /benefits</b>	<p>IHE Application assists the transactions between modality machine and DSS for handling modality work list query, transactions between modality machine and PPSM for handling the PPS information, RR for handling Basic Text SR, Enhanced SR and Comprehensive SR data and PACS for handling storage of images and non-images. IHE Profiles handled in this application are :</p> <ol style="list-style-type: none"> <li>1. Simple Image and Numeric Reports Profile.</li> <li>2. Scheduled Workflow Profile.</li> <li>3. Key Image Notes Profile.</li> </ol> <p>Integrated Conversion gateway (ICGW) acts as a gateway for image transactions and related processing in between Modality and PACS supporting image shrinking, region calibration and cut image area functionality.</p>		
<b>Other relevant details</b>	Software ensuring the DICOM compatibility and IHE profile support		
<b>Readiness</b>	Available		