

Komparasi Kajian Teknis PACS

Brand Name	FUJIFILM	FUJIFILM	PHILIPS	PHILIPS	GE	INFINITT
Ecatalog Price	Rp1.665.000.000	Rp2.766.518.894	Rp2.595.000.000	Rp4.250.000.000	Rp1.990.415.371	Rp1.642.100.000
General Specification						
Product Name	Synapse PACS Prima Package	Synapse PACS Advance Package	PHILIPS CARESTREAM	PHILIPS CARESTREAM	Centricity PACS	Infinitt PACS
No of Modality Connection	Unlimited	Unlimited	Unlimited	Unlimited	10	Unlimited
Radiologist License	Unlimited	Unlimited	Unlimited	Unlimited	3	Unlimited
Radiographer License	Unlimited	Unlimited	-	-	25	Unlimited
Clinician License	Unlimited	Unlimited	Unlimited	Unlimited	50	Unlimited
No. Study	30,000 Study/Year	30,000 Study/Year	25,000 Study/Year	25,000 Study/Year	25,000 Study/ Year	30,000 Study/Year
PACS Database	Oracle	Oracle	Oracle	Oracle	Microsoft Sql	Oracle
Web Based / Application Based	Web based with server side technology	Web based with server side technology	Web Base Only	Web Base Only	Web Base Only	Web base
Integration	Support HL7 dan non HL7 (Database access, Json, Web Service)	Support HL7 dan non HL7 (Database Broker, Json, Web Service, XML)	HL7	HL7	HL7	HL7 & Non HL7
Server	20 Core 128 GB Memory	20 Core 128 GB Memory	8 Core Memory 64GB	8 Core Memory 64GB	20 Core 96GB memory	8 Core 16GB Memory
Storage	NAS Storage 16TB (Expandable)	NAS Storage 20TB (Expandable)	Internal Storage	Internal Storage	Only Internal Storage 28TB	Internal Storage 4x2TB
Workstation	1 Unit	2 Unit	1 Unit	2 Unit	1 Unit	2 unit
Monitor Medical Grade	1 Unit	2 Unit	1 Unit	2 Unit	1 Unit	2 Unit
Teleradiology	Support	Support	Support	Support	Support	Support
Basic Feature						
Chat	Yes	Yes	No	No	Yes	Yes
Basic Manipulation Tools	Yes	Yes	Yes	Yes	Yes	Yes
Attachment File Non Dicom	Yes	Yes	Yes	Yes	Yes	Yes
Export File	Yes	Yes	Yes	Yes	Yes	Yes
Measurement Tools	Yes	Yes	Yes	Yes	Yes	Yes
Auto Spine Labeling	Yes	Yes	Yes	Yes	Yes	Unknown
Dicom Print	Yes	Yes	Yes	Yes	Yes	Yes
Auto Measurement Area (ROI)	Yes	Yes	Yes	Yes	Yes	Yes
Comparation	Yes	Yes	Yes	Yes	Yes	Yes
MPR, MIP	Yes	Yes	Yes	Yes	Yes	Yes
Hanging/Reading Protocol	Yes	Yes	Yes	Yes	Yes	Yes
SR Report	Yes	Yes	No	No	No	Unknown
CTR 4 Point	Yes	Yes	No	No	No	Unknown
CTR 6 Point	Yes	Yes	No	No	No	Unknown
Anomaly Alert	Yes	Yes	No	No	No	No
Browser Support	Yes (IE/ Chrome/Safari)	Yes	Yes	Yes (IE)	Yes	Yes
User Session	Yes	Yes	Unknown	Unknown	No	Unknown
Speed Network Test	Yes	Yes	No	No	No	No
Optimize Network Usage	Yes	Yes	No	No	No	No
Dose Feature	Yes (Dose Record) on RIS	Yes (Dose Record) on RIS	No	No	No	Yes
Expertise	Yes	Yes	Yes	Yes	Yes	Yes

Brand Name	FUJIFILM	FUJIFILM	PHILIPS	PHILIPS	GE	INFINITT
Ecatalog Price	Rp1.665.000.000	Rp2.766.518.894	Rp2.595.000.000	Rp4.250.000.000	Rp1.990.415.371	Rp1.642.100.000
Product Name	Synapse PACS Prima Package	Synapse PACS Advance Package	PHILIPS CARESTREAM	PHILIPS CARESTREAM	Centricity PACS	Infinitt PACS
3D Advance Feature						
No of CCU 3D	5 CCU	8 CCU	2 CCU	2 CCU	3 CCU	1 CCU
Support tele-3D	Yes	Yes	Unknown	Unknown	No	No
Web Browser 3D	Yes	Yes	-	-	No	No
Support Standalone 3D	Yes	Yes	No	No	No	No
Query Retrieve	Yes	Yes	No	No	No	No
3D Feature	General Function:	General Function:	Volume Rendering, Bone Removal	Volume Rendering, Bone Removal	3D Function:	3D Xelis :
	2D Viewer, 3D Viewer* , 4D Viewer, 3D Comparison, Dynamic Data, Fusion, 3D Compositor, Slicer, General CPR, MPR Reformat, Mask Management	2D Viewer, 3D Viewer* , 4D Viewer, 3D Comparison, Dynamic Data, Fusion, Nuclear Medicine Viewer, 3D Compositor, Slicer, Combination, 2D Fusion, General CPR, MPR Reformat, Surface Viewer, Mask Management	Vessel Extraction, Image Fusion, Coronary CT, Calcium Scoring	Vessel Extraction, Image Fusion, Coronary CT, Calcium Scoring	3D Autobone Xpress, 3D Voume Viewer, 3D Pre-Processing, 3D CardIQ Xpress Reveal, 3D Colon VCAR, 3D lung VCAR, 3D VessellIQ Express	3D, Cardiac, Lung, Colon Fusion, Perfusion, Dental
	Brain :	Brain :		IntellSpace Portal Include		
	Vesel Extraction, Dental MPR	Vesel Extraction, Brain Perfusiun CT, ADC Viewer, Brain Perfusion MR, 4D Perfusion, Dental MPR				
	Chest:	Chest:				
	Lung Analysis/Airway	Lung Analysis/Airway, Breast Analysis				
		Heart : (1 CCU)				
	*3D Viewer (Extract/Removal): Bone, Brain, Heart, Colon, Lung, Bronchus, Liver, Tumor, Vessel, Hip Joint, Spine, pulmonary, Spinal cord	Coronary Analysis CT, Cardiac Function CT, Calcium Scoring, Cardiac Fusion, 4-Chamber Analysis				
		Abdomen :				
		2D Fat Analysis, 3D Fat Analysis, Colon Analysis, Sector MPR, Oncology Viewer, Prostate Viewer				
		*3D Viewer (Extract/Removal): Bone, Brain, Heart, Colon, Lung, Bronchus, Liver, Tumor, Vessel, Hip Joint, Spine, pulmonary, Spinal cord				

Brand Name	FUJIFILM	FUJIFILM	PHILIPS	PHILIPS	GE	INFINITT
Ecatalog Price	Rp1.665.000.000	Rp2.766.518.894	Rp2.595.000.000	Rp4.250.000.000	Rp1.990.415.371	Rp1.642.100.000
Product Name	Synapse PACS Prima Package	Synapse PACS Advance Package	PHILIPS CARESTREAM	PHILIPS CARESTREAM	Centricity PACS	Infinitt PACS
RIS Application	Include	Include	No	No	Unknown	Include
No of CCU RIS	Unlimited	Unlimited	N/A	N/A	N/A	Unknown
Barcode	Yes	Yes	No	No	No	Yes
Workflow Management	Yes	Yes	No	No	No	No
Scheduling	Yes	Yes	No	No	Unknown	Yes
Radiology Performance Report	Yes	Yes	No	No	No	Unknown
User Performance Report	Yes	Yes	No	No	No	No
Consumable Report	Yes	Yes	No	No	No	No
Exam Report	Yes	Yes	No	No	No	No
Modality Usage Report	Yes	Yes	No	No	No	No
Timeline	Yes	Yes	No	No	No	No
Dashboard	Yes	Yes	No	No	No	Unknown
Patient Order	Yes	Yes	No	No	Yes	Yes