

Payvand PACS specifications	Mini PACS		Local network PACS (LAN)				
	Basic	Advanced	Basic	Silver	Gold	Platinum	
Concurrent User	1	1	5	15	30	Unlimited	
Number of Modalities	2	4	3	5	10	Unlimited	
Web Viewer	N	N	Y	Y	Y	Y	
Internet Access	N	N	N	Y	Y	Y	
Kind of Modalities	All kind of DICOM Modalities						
DBA	MySQL or MariaDB						
Server OS	N	N	Linux				
Workstation OS	Windows		Windows, VCS Linux, Android				
DICOM viewer	Y	Y	Y	Y	Y	Y	
Windows level	Y	Y	Y	Y	Y	Y	
Vertical & Horizontal Contrast	Y	Y	Y	Y	Y	Y	
Zoom in and out	Y	Y	Y	Y	Y	Y	
Magnifier	Y	Y	Y	Y	Y	Y	
Plan	Y	Y	Y	Y	Y	Y	
Measurement tools (Ruler, Angle, angle of 2 horizontal line)	Y	Y	Y	Y	Y	Y	
ROI, Rectangular unit (Pixel, rectangular, circle)	Y	Y	Y	Y	Y	Y	
Rotate	Y	Y	Y	Y	Y	Y	
Layout	Y	Y	Y	Y	Y	Y	
Freehand	Y	Y	Y	Y	Y	Y	
Annotation	Y	Y	Y	Y	Y	Y	
Multi slice	Y	Y	Y	Y	Y	Y	
Image comparison	Y	Y	Y	Y	Y	Y	
Case	Y	Y	Y	Y	Y	Y	
Reference Line	Y	Y	Y	Y	Y	Y	
Write DR report	Y	Y	Y	Y	Y	Y	
view Radiology DR report	Y	Y	Y	Y	Y	Y	
Predefined report templates	Y	Y	Y	Y	Y	Y	
Use without internet connection	Y	Y	Y	Y	N	N	
Concurrent Patient CD	1	1	1	1	2	3	
Color Mapping	Y	Y	N	N	N	N	
Sub-look	Y	Y	N	N	N	N	
Compare two studies	N	N	N	N	Y	Y	
DICOM voice report	Y	Y	N	N	N	N	
Voice report and voice upload	N	N	N	N	Y	Y	
English, Persian Voice to text	N	N	N	N	Y	Y	



National Code: 0
Gender: Other
Full Name:
Image Date: 13/06/2023
To view the images, enter the Patient ID and enter the following information to the patient type section.
Patient ID: DR047
Patientcode: 687
If you need to view per records in all hospitals, enter the following site
http://localhost:4200



Scan the QR Code
Payvand PACS



www.epd.ir

Payvand PACS specifications	Mini PACS		Local network PACS (LAN)				
	Basic	Advanced	Basic	Silver	Gold	Platinum	
Unlink, Random View to text	N	N	N	N	N	Y	
Advance paper print	N	Y	N	N	N	Y	
DICOM Print	N	Y	N	N	N	Y	
Link to Brain angiography	N	N	N	N	Y	Y	
MRI	N	Y	N	N	N	Y	
MRP	N	N	N	N	N	Y	
Hanging protocol	N	N	N	N	Y	Y	
Coronal sagittal comparison	N	Y	N	N	N	N	
Wave form ENG	N	Y	N	N	N	Y	
Favorite image for any therapist	N	N	Y	Y	Y	Y	
Access with Mobile	N	N	N	Y	Y	Y	
SMS	N	N	N	N	Y	Y	
Access to image via SMS	N	N	N	N	N	Y	
QR Code	N	N	N	N	Y	Y	
One Direction Connection to HIS/RS	N	N	N	N	N	Y	
Redirectional Connection to HIS/RS	N	N	N	N	N	Y	
Attach patient history to DICOM images	N	N	N	N	N	Y	
Disclaimer	N	Y	N	N	N	Y	
Mobile app	N	N	N	Y	Y	Y	
Ability for connecting to the cloud	N	N	Y	Y	Y	Y	
Access Level for any modalities	N	N	Y	Y	Y	Y	
Access Level for Therapist	N	N	Y	Y	Y	Y	
Multiple archiving	N	N	Y	Y	Y	Y	
DR quality management	N	N	N	Y	Y	Y	
Patient's access to higher images	N	N	N	N	Y	Y	
View of active and non-active archive	N	N	N	N	Y	Y	
Assign therapist access to the image	N	N	N	N	Y	Y	
Automatic SMI to active for emergency	N	N	N	N	Y	Y	
English language	Y	Y	Y	Y	Y	Y	
Persian language	N	N	Y	Y	Y	Y	
Unlink, Random language	N	N	N	N	Y	Y	

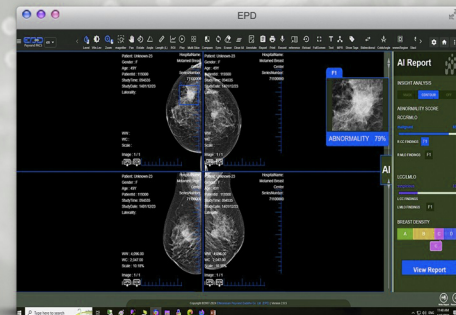


AI plugin component for Payvand PACS:

Breast cancer detection: Since breast cancer detection requires mammography images, we use these modalities to detect mass based on density.

Stroke: The superior project, which can provide multiple features, related to the brain. Most cerebrovascular accident includes stroke. Our algorithm enables the clinician to diagnose Ischemic and hemorrhagic along with displaying hyper density, symmetry as well as segment the edge of bulging. In the brats MRI segmentation service, you can segment the tumor regions.

Other AI plugins are in the way.



EPD
Etelaresani Payvand Dadeha (EPD Co. Ltd)
www.epd.ir

EPD Co. Ltd / group is the Iranian company based on largest providers of eHealth solutions such as PACS & HIS in IRAN with a great team consisting of health informatics experts, Radiologists, and physicians. Backed by more than 25 years in the medical software industry, our company delivers more than +30 eHealth products, capabilities, and services that power thousands of customer sites worldwide.



www.epd.ir