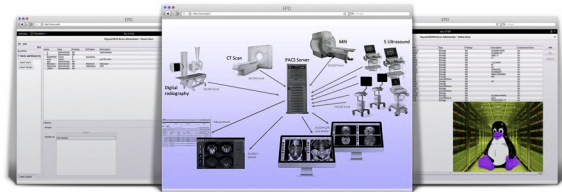


Introduction to PACS solution

PACS stands for picture archiving and communication system which is a medical imaging technology that provides storage and access to digital images acquired by imaging modalities. It transmits digital images and reports electronically, which eliminates the need to manually file, retrieve, and transport film jackets. It has become a versatile tool in managing various medical image types generated from multiple imaging instruments.



Due to the various needs of our customers and seeking technology upgrade we produce different PACS systems in different platforms, each one has its own usage. From standalone diagnostic workstation under the windows platform up to the Enterprise PACS.



www.epdi.ir



Diagnostic Mini-PACS

Advance windows base app for single usage or in addition to enhance the quality of our other PACS solutions.



Local (Network) PACS

Web base product for small to big medical centers with multiple modalities and users.



Cloud PACS

Software as a service (SaaS) application mainly for very small medical centers up to the medium size



Hybrid PACS

Very high-level solution for centers with need a very stable and fast speed Internet connection.



Enterprise PACS

The most ideal solution for integration of data in group of medical centers mainly in one organization or region.



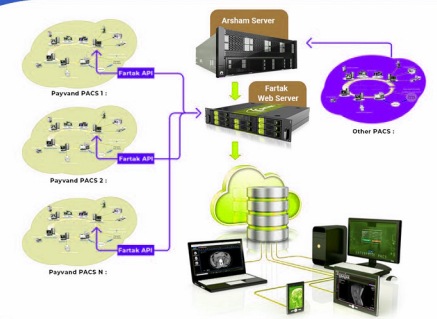
Local (Network) PACS infrastructure

Enterprise PACS

Multiple clinical centers under an institution or province can use the Enterprise PACS package, which is the enterprise version of Payvand PACS. In this case, all associated medical centers in big areas (like one province or plenty of provinces) will be connected to the one central node.



With this solution all local Payvand & other PACS can be integrated with each other via a secure API, so all-necessary data will transfer to one or multi central nodes. Using multi-central nodes is useful for data redundancy.



Payvand Enterprise PACS architecture

EPD
Enteshari Payvand Dadehi (EPD Co. Ltd)