

DICOM PRO 2026

- Interfacing
- Image management system

For Healthcare Paradigm (Medical Informatics)

Multi modality DICOM viewer for Digital X-Ray, CT Scan, MRI Scan, PET, SPECT & UltraSound

DICOM PRO 2026 Services

It consists of different services, most of which involve transmission of data over a network and the file format.

Store

It is used to send images or other persistent objects (structured reports, etc.) to a PACS or workstation. For this we prefer to introduce a PACS compatible solution for different specialties.

Storage Commitment

Its' storage commitment service is used to confirm that an image has been permanently stored by a device (either on redundant disks or on backup media, e.g. burnt to a CD). The service class user (modality, workstation etc.) uses the confirmation from the service class provider (archive station) to make sure that it is safe to delete the images locally.

Query/Retrieve

It enables a workstation to find lists of and then retrieve images or other such objects from a PACS.

Modality Work list

It enables a piece of imaging equipment (a modality) to obtain details of patients and scheduled examinations electronically, avoiding the need to type such information multiple times (and also the mistakes caused by retyping).

Modality Performed Procedure Step

A complementary service to Modality Work list, this enables the modality to send a report about a performed examination including data about the images acquired, beginning, end and duration time of study, dose delivered, etc. It helps give the radiology department a precise handle on resource (acquisition station) use.

Printing

The DICOM PRO 2026 Printing service is used to send images to a DICOM Printer, normally to print an "X-Ray" film.

Off-line Media (DICOM Files)

The off-line media is used to store medical imaging information on removable media. Except for the data set containing for example an image and demography, it also includes the File Meta Information.



Protech Systems Pvt. Ltd.

C-28, Gulmohar Park,
New Delhi - 110049. INDIA

+91-11-26961852, 26566609

+91-98-102-31233

protech@aprotech.com

www.protech.com