

PixelITPro DICOM |

Digital Imaging and Communications in Medicine

DICOM | image & data exchange

DICOM is the international standard for storing, sharing and managing medical images and videos. With DICOM, patient data can be securely transferred to PACS, giving healthcare professionals easy access to examinations from different locations.

Many devices, including endoscopy systems, do not support DICOM directly. **PixelITPro** connects these systems to PACS, enabling seamless integration and efficient management of visual medical data.



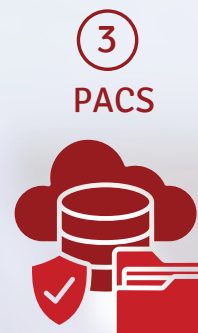
Easily create images, videos and reports with DICOM. Multi-frame files allow multiple images to be stored in a single file and viewed one after another.

Image formats · **DICOM, JPEG & BMP**
Video formats · **DICOM, AVI & MP4**



Convert surgical videos into PACS-ready DICOM files for seamless storage, sharing and playback.

Formats · **MPEG-4, H.264, MPEG-2**
File sizes · **500 MB–4 GB**
Output · **DICOM for PACS**



Seamless integration with PACS for efficient image and patient data management.

Reports · **DICOM images and reports, including PDF reports**
Transfer options · **Enables automatic or manual data transfer based on user preferences**
Customization · **Provides customizable modality names and transfer status logs**



Enables seamless image transfer from DICOM-compatible medical equipment, supporting a wide range of diagnostic and procedural applications.

Medical images can be received, organized and incorporated into patient records and reports for efficient clinical workflows.



Patient demographics are imported directly from **RIS (Radiology Information System)** before the procedure, saving time and reducing manual entry errors.

After the procedure, reports are sent back to RIS, ensuring seamless **two-way data exchange**. This streamlines the workflow while improving accuracy and data security.