

PAXERAWEB

Paxeramed Web Viewing



PaxeraWeb is a web-enabled multi-viewer that can display images and cines from all modalities. Powered by advanced web technologies, PaxeraWeb is easy to use anywhere; in clinic, home or even while in mobility, all what you need is an internet connection and you are ready to go. PaxeraWeb supports the latest DICOM 3.0 standards for receiving and sending images which make it compatible with all DICOM-enabled machines.



www.paxeramed.com

Multi-format Support

- ✓ Supports most of the image formats (Bitmap, GIF, TIFF, JPEG lossy, JPEG lossless, JPEG 2000, Wavelet, DICOM and more).

Custom Searching

- ✓ Enhances the doctor's work-list building by providing flexible search capability using different parameters.
- ✓ Adaptability to the slow and fast internet connections. Only thumbnails are downloaded in case of a slow connection then the full images can be downloaded as needed (the operator choose from the available thumbnail database).

Image Manipulation and Visualization

- ✓ Image windows can be split into many formats according to the operator's preference.
- ✓ Image zoom and pan.
- ✓ Window width and window level adjustment with predefined presets.
- ✓ Color adjustment (contrast and brightness in case of colored images).
- ✓ View the displayed series instances as a continuous playback (cine).

Archiving and Study Transfer

- ✓ Archiving to local storage.
- ✓ Studies can be transferred to any DICOM-enabled machine (e.g. DICOM server for storage, CD burners for CD publishing, etc...).

Image Processing and Annotation Tools

- ✓ Advanced orthogonal, oblique and curved MPR tool.
- ✓ Various tools such as invert, rotate, resize and crop.
- ✓ Many filters including sharpen, smooth, emboss, etc.
- ✓ Different measurement tools: distance, rectangular area, ellipsoid, angle, Cobb angle, etc.
- ✓ CT (Hounsfield unit) number track and region.
- ✓ Many types of annotation tools.

Cine Tool

- ✓ Multiple cine loop display with playback controls.
- ✓ Various cine processing and manipulation tools (zoom, pan, filters, etc.).
- ✓ Cine export to DICOM, AVI or MPEG formats.
- ✓ Snap-shot capturing from cines.

Filming & Printing

- ✓ Easily customizable and flexible visual film designer with drag and drop feature for adding images to the film.
- ✓ Film settings include: imaging layout (columns X rows), printer selection, film size and type and page orientation.
- ✓ Print directly to both DICOM printers and Windows printers.

