



THE SOLUTION for DIGITAL REPORTING

EYERAD by G-Squared is a system for capturing, analyzing and managing DIGITAL images from systems that adhere to the DICOM standard in a Microsoft Windows environment. It is capable of viewing, processing, archiving, sending and printing digital images.

EYERAD was born to meet the requirements of efficiency and precision required for a radiology report workstation. It is possible to customize the work configuration of each user, so to allow optimization of time for reviewing the cases loaded in your work session. Particular attention was paid to the management of mammography and breast tomosynthesis images and their visualization flow.

EYERAD's main features include quick access to images and data, integration with existing PACS / RIS, ease of use, and flexibility. EYERAD uses a high resolution LCD monitor, 2-3-5 MPixel, and it fully exploits the ability of such monitors to display digital images with 2048 gray tones.

PRODUCT CHARACTERISTICS

SERVICE OF:

- reception by network of DICOM digital images from diagnostics and PACS
- synchronization with the RIS of the study to be relayed through DICOM Worklist
- automatic prefetch from PACS (also multiple PACS)

VIEWING AND MANIPULATION OF STORED IMAGES:

- contrast / brightness modification
- LUT inversion
- zoom and lens
- flip and rotation of 90°
- measuring instruments (distances, angles, areas, ellipses, volumes) annotations (lines, dots, text, polygons, curves)
- comparison with previous examinations of the same patient
- automatic loading previous examinations
- function keys for the most frequent operations
- multislice display
- cine display
- 3D - MPR display
- synchronization of 3D serie
- thick slab

WORKFLOW:

- interactive browsing of the patient's images uploaded
- browsing shortcuts in the workflow
- customization of stream and displaying images mode, based on image / serie / study / patient (hanging protocols)
- creation of predefined LUT

Import of CD with DICOMDIR structure and possible saving in PACS according to specific IHE profile (patient reconciliation).

Export of serie in known format.

Printing of displayed images on DICOM printer and on Windows printer, according to reformatting rules defined by user.



eyerad

GENERAL OUTLINE OF THE SYSTEM

