



alma
medical imaging



NEW
update
5.0

Alma MAMMO

DICOM viewer for valuation of screening
mammography studies in 2D and 3D (tomosynthesis)



Alma MAMMO is a DICOM viewer specially designed for the **valuation of screening mammography studies in 2D and 3D (tomosynthesis)**. It features a workflow management tool, which provides an optimization of the time needed for the revision of the digital mammograms, automating the comparison with the previous exploration.

- Integrated with MammoPAD
- Automatic distribution of the studies according to their position, projection and temporality
- Automatic comparison with previous studies of the patient
- Advanced management of Hanging Protocols
- Personalized configuration of the workflow
- Integration with Computer-aided diagnosis (CAD) systems

TECHNICAL SPECIFICATIONS

- Visualization of screening mammograms in 2D and 3D (tomosynthesis)
- Black user interface for radiological environments
- Remote license management
- Advanced tools for image manipulation: image calibration, control of the display window (Window Width / Level); zoom and scroll; image rotation
- Annotation tools over the image: measurements, distances, angles, diameters, areas, comments and arrows, regions of interest (ROI)
- Movie control (Tomosynthesis): forward, backward, infinite loop, speed control (FPS), etc
- Export 2D images to DICOM, JPG, TIF or BMP formats
- Image printing on paper or DICOM printers (x-ray film)
- Display of results and CAD marks
- Workflow configuration according to the established protocols of the work centers
- Seamlessly integration with RIS / HIS and PACS
- Conformance with the DICOM standard 3.0 (Query / Retrieve and WADO)

HARDWARE AND SOFTWARE REQUIREMENTS

Component	Minimum requirement	Requerimiento recomendado
Operating System	Windows 7 or higher - .NET Framework 3.5 - Microsoft Visual C++ 2008 Redistributable Package	Windows 10, 64 bits - .NET Framework 4.0 - Microsoft Visual C++ 2008 Redistributable Package
Processor	Intel® Core™ 2 Duo or higher	Intel® Core™ of 7th generation
RAM	4 GByte	8 GBytes
Graphic Card	High resolution 5 megapixel card (2048x2536)	5 megapixel card for radiological monitors (2048x2536)
Hard Disk	320 GBytes	1 Terabyte or higher

Alma MAMMO viewer, intended for healthcare professionals, has been validated by IHE, and is fully compatible with the DICOM standard; therefore, it can be integrated into any HIS/RIS/PACS healthcare information system. Furthermore, the viewer complies with Directive 93/42/EEC on medical devices and has been certified and awarded the CE mark Class IIa by SGS United Kingdom Limited (Notified Body number 0120).



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