

TECHNICAL SPECIFICATIONS

- Direct integration with HIS/RIS/PACS systems.
- Conformity to DICOM Standards. Alma3D acts like DICOM Query/Retrieve SCU and like DICOM Store SCU and SCP.
- Manipulation of 2D images:
 - Control of the visualisation window (Window Width/Level): W/L interactive, predefined windows, negative, etc.
 - Zoom and displacement.
 - Image rotation (+90, -90) and vertical and horizontal views.
 - Annotations about the image:
 - Measurements: distances, angles, diameters, areas, etc.
 - Comments and arrows.
 - Regions of interest (ROI).
- Exportation of 2D images in JPEG, TIF or BMP formats.
- Creation of new series of images from the projections of the different views. The new images also can be saved in DICOM format, as a new series within the same study.
- You can define the thickness of the MPR which allows you to make different projections:
 - MIP Projection: the resultant image corresponds to the maximum intensity found inside the section.
 - MinIP Projection: the resultant image corresponds to the projection with the minimum intensity found inside the section.
 - VR Projection: the resultant image corresponds to the visualisation projection of the volume. In this case, the highest quality visualisation is explained in the 3D module volume.
 - Average projection: the resultant image corresponds to the average intensity found inside the section.
- MPR Curve allows you to define any plane in the volume upon which you can define a poly line and view the correspondent outstretched image of the inside of the volume.

Minimum system requirements:

Intel PENTIUM IV processor • 2 GB Memory • High resolution graphic card
(Open GL SL. 256 MB)

