OsiriX MD

Discover OsiriX MD the world famous medical images viewer

the most widely used medical images viewer in the world.

OsiriX MD is certified for clinical use in medicine and offers advanced post-processing techniques in 2D and 3D, exclusive innovative technique for 3D & 4D navigation, including PET-CT and SPECT-CT support, and a complete integration with any PACS. It fully a the DICOM standard for an easy integration in your workflow environment and an open platform for development of processing tools.

OsiriX MD is at the same time a complete medical imaging workstation for a radiology department, and an ideal companion for a general practitioner or a surgeon to review the scanners and MRIs of his patients.

OsiriX MD is cleared by the FDA, as a Class II Medical Device, for diagnostic imaging in medicine. OsiriX MD complies with European Directive 93/42/ EEC concerning medical devices (CE labeled). Under this directive, it is regarded as a Class IIa product.

OsiriX MD is a stand-alone software, easy to install, and doesn't require any specific environment to work. Install it in less than 5 minutes, and you have a fully working medical imaging workstation, ready to import images from a PACS or directly from a CD or USB stick.

Ultrafast performance

Intuitive interactive user interface

The most widely used medical images viewer in the world

Install in 5 min

More than 90% of our users recommend OsiriX MD

Buy Now

Download

OsiriX_Lite_10

What's new in OsiriX

- Optimized for macOS 15 Sequoia
- Compiled for Intel and Apple Silicon processors
- And more...

Requirements

- OsiriX can only be installed on an Apple Mac
- OsiriX can only run on Apple's Operating Systems (from macOS 10.15 to macOS 15)
- OsiriX requires at least 6GB of RAM

OsiriX is fully optimized for macOS 15 Sequoia.

OsiriX supports macOS 10.15, macOS 11, macOS 12, macOS 13, macOS 14 and macOS 15 (recommended).

2D Viewer

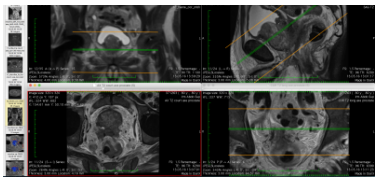
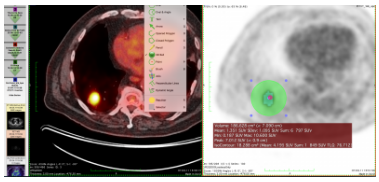
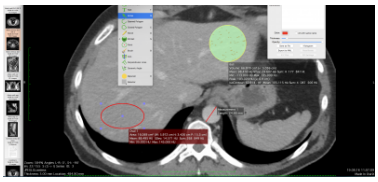
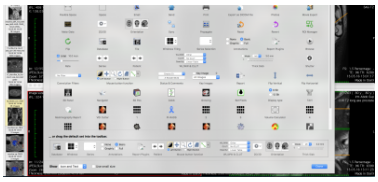
OsiriX MD includes an intuitive interface to display the images. It supports high quality interpolation for best rendering, with Retina screens support.

You can easily add Key Images and Region Of Interests (ROIs) on the images, including lines, polygons, 3D ball, and save them in the database.

You can apply convolutions filter on images, such as bone or lung filters.

OsiriX MD supports 4D images, such as cardiac or perfusion acquisitions and parametric images, such as PET-CT images.

You can define 'Hanging Protocols' with multiple screens support.

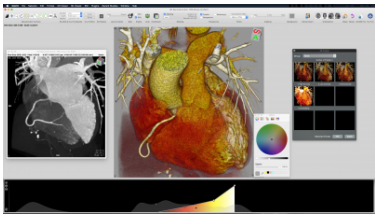
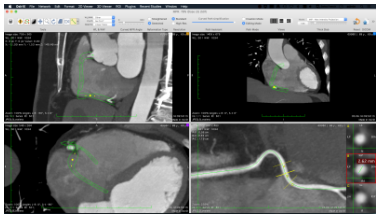
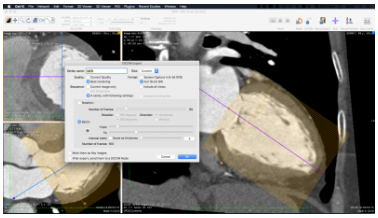
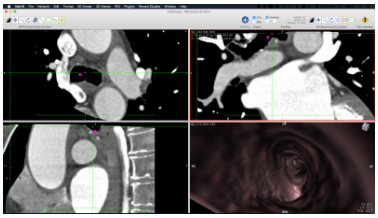





3D Post-Processing

OsiriX MD offers all the modern post-processing techniques, such as MPR (Multiplanar Reconstruction), 3D Rendering (MIP, Volume Rendering and Surface Rendering).

OsiriX MD supports curved planar reconstruction (3D-MPR) to follow organs such as aorta or bronchi.

You can export 3D reconstructions images as movies, and archive them on your PACS.

Gallery

All Image Formats Support

OsiriX MD supports DICOM files and also several different types of non-DICOM images, such as LSM files, BioRadPIC, TIFF, ANALYZE, PNG, JPEG, PDF, Quicktime, AVI, MPEG, and more.

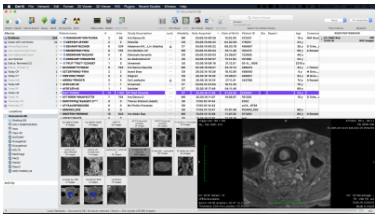
Medical Images Support

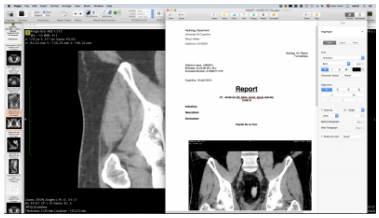
OsiriX MD reads and displays all types of DICOM files, produced by medical imaging modalities, including images produced by scanners, MRI, ultrasounds, or standard X-rays.

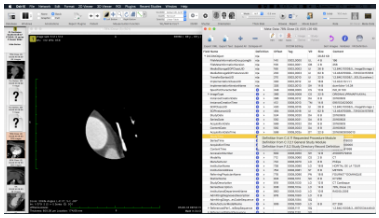
OsiriX MD can read and display all the DICOM fields associated to the images, such as radiation dose, image position, referring physician, ...

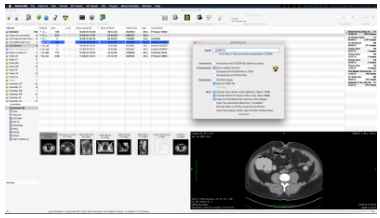
OsiriX MD can export DICOM files to CD/DVD or USB sticks, including a stand-alone cross-platform viewer to display the images.

OsiriX MD uses a SQL database to store and index all the images. It can manage several millions of images without problems.





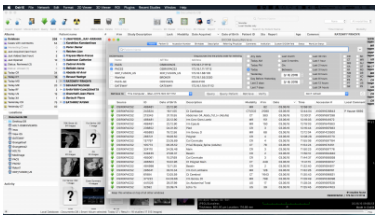
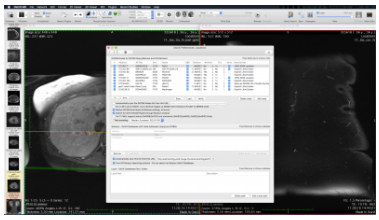


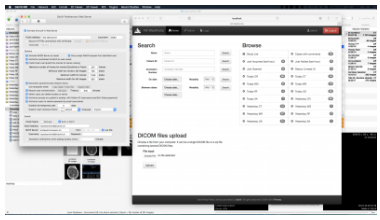


OsiriX MD can communicate with other equipments, including PACS server, through the DICOM Network protocol. It supports all the compression algorithms and transfer syntaxes.

OsiriX MD can receive or send DICOM files, through the DICOM Network protocol.

OsiriX MD can directly print images on DICOM printers.



Optimization

OsiriX MD is fully optimized for Apple computers, including multi-core processors and graphic board processor support.

OsiriX MD uses asynchronous reading to immediately display the images, even for very large series.

Expansion & Scientific Research

OsiriX MD supports a complete dynamic igins architecture to extend the existing functions.

These nins can directly access the images pixels as 32-bit float for manipulation.

These plugins can create and manage windows, use the entire Cocoa framework, including OpenGL views.

An OsiriX MD plugin is faster than IDL, and easier than ImageJ !

MD and OsiriX Lite

	OsiriX MD	OsiriX Lite
FDA-Cleared	✔	✘
CE IIa Labeled	✔	✘
Medical usage	✔	✘ "NOT FOR MEDICAL USAGE" tag displayed on all images
User Manual	✔	✘
Performances	Up to 80% faster	Standard
Email support	✔	✘
Pixmeo Website Account	✔	✘
Open 500+ images series	✔	✘
2D Images Viewer	✔	✔
3D MPR	✔	Demo
3D Curved MPR	✔	Demo
3D Rendering	✔	Demo
Local Database	✔	Demo
Web Server	✔	Demo
Web Server user limit	Unlimited	2 nodes max
DICOM Services	✔	Demo

	OsiriX MD	OsiriX Lite
DICOM Nodes limit	Unlimited	2 nodes max
DICOM Editing	✔	✘
Bonjour Protocol	✔	Demo
CD Creation	✔	Demo
PET-CT Display	✔	Demo
32-bit Pixel Pipeline	✔	Demo
11-bit Monitor Support	✔	✘
JPEG2000 DICOM	✔	Demo
Other	✔	Demo

Performances comparisons

Test	OsiriX Lite	OsiriX MD	
3D Region Growing Segmentation 3D Region Growing to segment the colonic lumen. Colonic CT 1mm/1mm, 965 images. MacPro, 8 cores, 2.8 GHz, 6GB.	22 sec	5 sec	4.4× faster
3D VR Bone Removal Segmentation Bone Removing Segmentation in 3D Volume Rendering. CTA Lower Limbs 1mm/1mm, 1020 images. iMac, 2.8 GHz, 4GB.	128 sec	31 sec	3.9× faster
3D VR Bone Removal Segmentation Bone Removing Segmentation in 3D Volume Rendering. CTA Lower Limbs 1mm/1mm, 1020 images. MacPro, 8 cores, 2.8 GHz, 6GB.	38 sec	9 sec	4.2× faster
3D Volume Rendering 360° Rotation in 3D Volume Rendering. Thoracic CT 1mm/1mm, 760 images. iMac, 2.8 GHz, 4GB.	138 sec	85 sec	1.6× faster
Loading a large series Loading a large series. CTA, multiple series. MacPro, 8 cores, 2.8 GHz, 6GB.	1'400 img	6'500 img	4.6× more images

Loading a large series

Loading a large series. CTA, multiple series. iMac, 2.8 GHz, 4GB.

1’400 img 3’200 img 2.3× more images

OsiriX MD **from $69.99/mo**

Buy Now

Need a free demo ? **Try OsiriX Lite**

Download demo

OsiriX MD ANVISA (Brazil only)

For the Brazilian market, an **ANVISA version** is available. Our Brazilian partner **XirisA** can provide information and support. **Contact XirisA** .

Buy OsiriX MD ANVISA (Brazil only)

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OsiriX MD complies with European Directive 93/42/ EEC concerning medical devices. Under this directive, it is regarded as a Class IIa product. Notified Body: DQS Medizinprodukte GmbH, 0297