aycan OsiriX PRO Plug-ins and Options

aycan continually develops clinical and workflow plug-ins to further enhance aycan OsiriX PRO’s capabilities. Additionally, aycan cooperates with other plug-in development companies to provide tested and certified solutions. A full list of plug-ins with FDA clearance and CE Marking are listed below. With these plug-ins/options, and tools for general diagnostic reading and advanced post-processing, OsiriX PRO makes the perfect solution wherever there is demand for fast and easy access to medical images.

11-Bit Monitor Support
With this OsiriX PRO plug-in, you will attain more detailed gradation in grayscales in the 2D and 4D Viewer when using special 11-bit-capable monitors.

4D ROI Statistics
With the optional 4D ROI Statistics plug-in for OsiriX PRO, you can evaluate voxel values of MRI and CT multi-phase series from different acquisition times.

Media Importer
The Media Importer plug-in allows you to better manage the data you import to OsiriX PRO. You can choose specific studies and series, change patient demographic information, route data to a different DICOM node, or burn your data to CD/DVD.

Advanced Hanging Protocols
Ideal for mammography workstations, the optional advanced hanging protocols plug-in allows you to save display layouts and settings in the 2D Viewer, so when reopening a study (or similar studies) you’ll always get the same view. This standardization brings greater efficiency to routine diagnoses. This OsiriX PRO plug-in also automatically opens up prior studies, which further increases the speed of the daily workflow. With this plug-in, OsiriX PRO can now be used as a mammography workstation in the areas of curative treatment and screening.

DICOM Print Film Composer
The film composer plug-in for OsiriX PRO offers a “what you see is what you get” user interface for managing your DICOM print jobs. The simple-to-use interface allows you to add and manipulate the layout and several parameters and print single images, key images, or the complete series.
Ejection Fraction
The optional Ejection Fraction plug-in calculates the left ventricle ejection fraction according to the “Dodge Correction” method. (This plug-in does not serve as a tool for computer-aided diagnosis.)

IB Neuro
The IB Neuro plug-in, from partner company Imaging Biometrics, analyzes dynamically acquired MR datasets and generates parametric maps of the brain that include relative cerebral blood volume (rCBV), blood flow (CBF), and mean transit time (MTT). IB Neuro is compliant with healthcare standards such as DICOM and easily integrates into existing medical image visualization systems.

Image Recalculation
The Image Recalculation option for OsiriX PRO allows you to manipulate data to suit your particular needs, so you can work quicker and easier. Within the option, you can manipulate and edit a series by adding custom formulas. The option also lets you reduce the size of a series, so it’s easier to work with. Whichever way you recalculate the image, the option lets you export the results as a new DICOM series.

RECIST
The RECIST plug-in with FDA 510(k) clearance for OsiriX PRO allows you to quickly and easily quantify and analyze lung tumors according to the RECIST (Response Evaluation Criteria In Solid Tumors) 1.1 guideline, the WHO (World Health Organization) guidelines, and by the volume of the tumors. (This plug-in is not a tool for computer-aided diagnosis.)

Vessel Analysis
aycan’s OsiriX PRO vessel analysis plug-in supports segmentation of vessels in CTA data sets and provides center lines for vessel assessment. The plug-in is used to mark specific areas for vessel segmentation so that vessels can be displayed separately in different views. Based on the determination of the center line and direction, an interactive assistant takes you through the individual segmentation steps to isolate tiny arteries (e.g., coronary arteries) as well as large arteries in the area of the pelvis and legs. The diameters and lengths can be determined in a final step (3D Curved MPR).

aycan mobile iPad app
Designed for the easy, fast, and secure transfer of DICOM images from hospitals and imaging centers to on-call and other radiologists and referring physicians with an iPad, aycan mobile’s intuitive user interface and robust feature set make it the ideal tool for remote review, interpretation, and diagnosis of radiological images (intended use: CT/MRI); reviewing images with patients at their bedside; teleconsulting with colleagues; distributing images in-house; and much more.(FDA 510(k) cleared)

Concurrent License Server
Ideal for large environments, such as hospitals, the optional Concurrent License Server allows multiple users to access OsiriX PRO at the same time for easy license sharing, management, and cost savings. In addition to saving costs by minimizing the number of licenses you purchase, further cost benefits can be achieved over time as installation, administration, and maintenance-time are minimized.