

Inobitec DICOM Viewer REVIEW

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Belgrade, Serbia

To whom it may concern,

I discovered Inobitec DICOM Viewer in November 2016, while it was still in the early stages of development, I started using it as my main tool in August 2019, and I have been using it to handle all my workload in cancer imaging ever since, which, I believe, allows me to testify not only of the quality of the software itself, but also of the incredible pace of its continuous development from an early stages image viewer to the advanced medical imaging suite it is today.

This short review cannot even remotely illustrate how well designed, fast, stable and feature rich, how truly wonderful and outstanding this piece of software really is.

The design of the Viewer is modular - it comprises of DICOM Database Handling Module, 2D Image Viewer, MPR Module with powerful automatic, semiautomatic and manual image segmentation tools, 3D Volume Rendering Module, Series Fusion and Virtual Endoscopy Module, which are included in the main package, and three additional modules available for separate purchase - PET-CT, Vessel Analysis and Coronary Arteries Analysis. The last one I haven't used, due to the nature of my workload, all others I use on a daily basis.

The short format of the review does not permit the detailed analysis of each individual module, each outstanding on its own and with literally myriads of tools and options, therefore I shall only stress out that all the modules are seamlessly integrated and all of them can be used **SIMULTANEOUSLY!**

The main feature of the Viewer, which allows it, is the ingenious option to open multiple instances of any of the modules in tabs, like one would use multiple tabs in a web browser, either in a single or multiple monitor setup. Additionally, each of the monitors on a viewing workstation can be divided into two independent virtual displays, each of which, in turn, can be individually split into tiles and hold multiple instances of any of the modules. In practical terms - the user can simultaneously open, analyse and compare any number and any combination of CT, PET-CT, MRI, mammography, ultrasonography, CT/conventional coronarography, CTI/MRI/DSA angiography, or any other DICOM studies at the same time for a single patient or multiple patients while importing, exporting, archiving and CD/DVD burning any number of studies/exams in the background. The only practical limitation is the hardware used to run the Viewer.

As far as the hardware is concerned, the Viewer can be used on an extremely wide range of systems, from very light and portable laptops with dual or quad core CPUs, integrated GPUs and limited amount of RAM memory, to powerful desktop workstations with dedicated nVidia or AMD GPUs, and is being simultaneously developed for Windows, Linux and Mac OS.

I shall use the conclusion of my review to express my deepest gratitude to the whole team of wonderful people at the Inobitec Company for creating and continuously developing their outstanding product.

Kind regards,
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