

Overview

IQPACS Imago Pro is a multi-modality image viewing and post-processing diagnostic workstation. The software offers the possibility of keeping track of operations applied on images by saving presentation states and image captures or by exporting images to JPEG, HTML, structure/DICOM/DICOMDIR formats. IQPACS Imago Pro can generate and play DICOM cine-shows of images and export them to MPEG and AVI files. For a given study, this diagnostic workstation offers several possibilities to edit, generate and visualize reports: record reports (generate audio instances), transcribe and approve diagnostic (generate structured reports) and view reports. Interactive functions allow the user to perform various image manipulation and image processing with user-friendly graphic user interface.

Operating System and Hardware Requirements

Microsoft Windows 2000, Microsoft Windows XP, Microsoft SQL Server 2000
Intel Pentium IV 2.4 GHz, 2GB DDRAM, HDD 80GB
Video 128MB, NIC 1000
Sound onboard, Wheel Optical Mouse, Headphones/Microphone set, DVD Writer
Dual HiRes Medical Display

DICOM Services and Configuration Options

- Verifies connection to other DICOM nodes in the network
- Receives and stores different types of images, both single frame and multi-frame: CR, CT, MR, US, SC, XA, NM, DX, MG, VL, and other
- Supports PR, SR, KO, AU, OT storage
- DICOMDIR support - create and read DICOMDIR files
- Stores images as they arrive, without altering them
- Support for different compression types and the possibility to convert the images from the incoming format to other formats
- DICOM Query and Retrieve
- Image transfer and auto-routing capabilities
- Pop-up for new studies (Instance Alert List)
- DICOM notifications to/from RIS for the study status change
- Report dictation/transcription/approval; possibility to create amendments
- Supports worklists with the possibility to sort the information by using filtering criteria
- Structured Reports support: display, create, and modify reports
- Access to all the information from the DICOM header
- Removes studies by using automatic policies for removing: according to the status of the study (read, dictated, transcribed, approved), by study date, incoming date, completion date and others
- Import different image formats: MPEG, AVI, DICOM, and various types of image files
- Export to formats: MPEG, AVI, DICOM, JPEG, HTML.
- Support for different Coding Schemes: Diagnoses Codes, KON Codes and Titles
- RIS Connectivity

Viewing Features

- Viewing capabilities for different types of images, both single frame and multi-frame: CR, CT, MR, US, SC, XA, NM, DX, MG, VL
- Support for multiple monitors
- Zoom, filtering, real-size image display, pan, magnifying glass, image invert, measurements (gray scale, distance, angle), multiple study view, window/level adjustments, flip/rotate, annotations
- Multiple cineshow viewing
- Undo/redo capabilities and history of operations on images
- Create and apply Presentation States; create and apply Key Object Notes
- Create and display Structured Reports; create and listen Audio Instances
- Image, series and study comparison
- Configurable desktop: toolbars/ tabbed windows ; shortcut keys; customizable working environment: colors, preset tools, etc.
- Configurable display for names and date/time attributes

Other Features

- Multiple user access; password based access
- Application screen saver
- Application lock; autolock
- Events notification settings
- Support for different character sets
- GUI in English, Romanian and Bulgarian
- User profile settings
- Help available, users manuals and tutorials provided
- CD/DVD burning

Europe
Info World s.r.l.
Intr. Glucozei 37-39
2nd District
Bucharest, 023828
Romania
Tel: +4 (021) 243-0590
Fax: +4 (021) 243-0578
Iqpacs@infoworld.ro
www.infoworld.ro

North America
MedicaSoft LLC
Suite 1700, Wachovia Center
100 South Ashley Drive
Tampa, Florida 33602-5311
U.S.A.
Tel: +1 (813) 739-8730
Fax: +1 (813) 228-7710
info@medicasoftllg.com
www.medicasoftllg.com