

Visualization

eFilm Workstation™ 1.9 Software

Premier image viewing and manipulation tool

eFilm Workstation is the premier diagnostic, image and manipulation tool for medical imaging. It allows you to examine multiple studies simultaneously, cross-reference, measure, rotate, pan, zoom, and annotate in an all-in-one application. Designed by and for clinicians with enhanced 3D/MIP, MPR, and Measurement Tools, eFilm Workstation is the best value in DICOM viewing and clinical functionality on the market today. eFilm Workstation incorporates many features required for day to day work such as window/level presets, synchronized stacking, MPR, reference lines, cine function, and burning CD's, as well as advanced capabilities such as Volume Rendering, all at an affordable price.



Key Benefits of eFilm Workstation

- Affordably priced for enterprise-wide image distribution
- Created for optimal clinical efficiency and effectiveness
- Allows clinicians throughout the organization to have complete diagnostic viewing capabilities

Key Features of eFilm Workstation

Flexible Screen Layout

- View multiple studies simultaneously
- Ensure optimal viewing on both single and dual monitor systems by configuring the screen layout at both the image and series level
- Format the screen layout to automatically display studies of a certain modality in an optimal configuration

Versatile Toolbars

- Access all of your tools from an easy to use toolbar including: measurements, annotations, magnification, image re-orientation, and window width and level adjustments
- Maximize screen space by moving the toolbars to any desired location or auto-hide the tool bars
- Customize toolbars by modality, and display or hide sets of tools as required

3D/MIP

- Preview slices and select particular images for inclusion (or exclusion) from volume reconstruction
- Full Volume Rendering (grayscale or color) in real time (requires video card that supports DirectX 8.1 or higher)
- Adjust interpolation levels to suit processor speeds, advanced loading, rotate, crop, and stereo mode
- Export a sequence of 3D images in movie mode (AVI format)

MPR

- Reformat a cross-sectional image in any plane from CT or MR data
- View real-time reconstruction in any orthogonal or oblique plane of the data with exquisite image quality
- Use MPR plane to generate slabs of arbitrary thickness via MIP
- Create MPR views from either 2D images or 3D volumes
- Automatically creates a new series with as many reformatted images as you'd like
- Stack through the reformatted images as you would any other series; view each slice's relative position on the source image

Orthopaedic Templates

- Zimmer orthopaedic templates are available
- Overlay the templates on images, re-size, rotate, and attach them at multiple attachment points

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Minimum Hardware Requirements

Users may install eFilm Workstation on any computer that meets the minimum required hardware specifications listed below:

- Pentium II processor
- 256MB RAM
- 4GB free hard drive space (1GB for installing eFilm Workstation and 3GB for image storage)
- 8-bit video card (best performance is 24- or 32-bit)

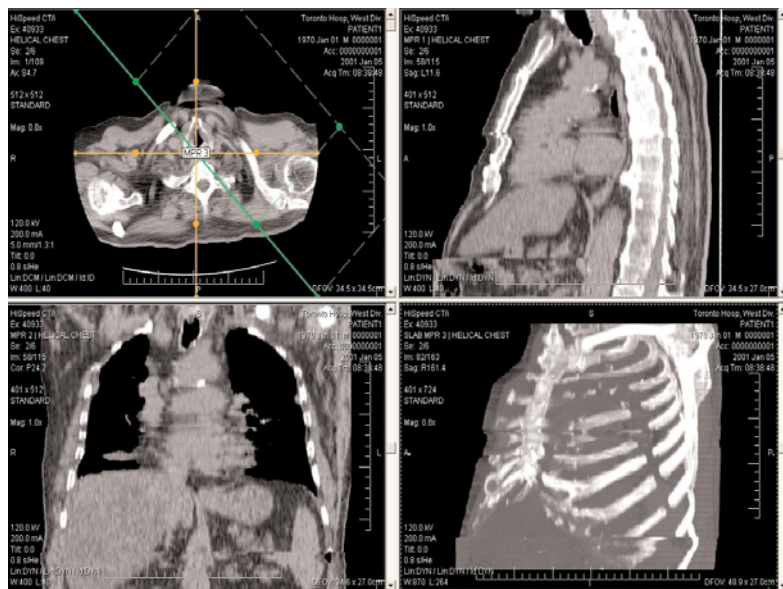
Notes:

- *Beyond minimum hardware requirements, increased RAM will result in the most substantial performance gains.*
- *In order to prevent poor performance of the software, it is not recommended that the eFilm Workstation be run on a less powerful system than that listed above.*
- *For frequent use of 3D tools such as MIP and MPR we recommend a system with increased processing power (better than Pentium III 1.0GHz) and increased RAM (minimum of 512MB).*
- *Volume Rendering tools require a computer with a video card that supports DirectX 8.1 (or higher).*

Required Operating Systems

- Windows 95 (OSR2), 98SE, NT 4.0 (Service Pack 6), Windows 2000 or XP Professional
- Microsoft Internet Explorer (IE) 4 or higher

Merge eFilm. Innovators of Medical Image and Information Fusion.



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