

eFilm Workstation 2.1™

Continuous Innovation in a Practical Workstation

eFilm Workstation 2.1 is the newest release of the widely-used desktop diagnostic imaging software available via download from www.merge.com. eFilm Workstation incorporates many features required for day-to-day work, window/level presets, synchronized stacking, MPR, reference lines, cine function and integrated CD burning, as well as advanced capabilities like volume rendering. eFilm Workstation continues to utilize customer feedback and the leading imaging trends to bring you high level workflow, visualization, processing and CD burning capabilities in an intuitive, economical manner.

ENHANCED WORKFLOW FOR CLINICAL READING

eFilm Workstation 2.1 contains many tools which help you quickly load, review and save images as efficiently as possible, providing you valuable time savings in your radiology workflow. Designed to accelerate productivity, it allows you to examine multiple studies simultaneously, cross-reference, measure, rotate, pan, zoom, and annotate in an all-in-one application. Additional features include:

- **Split a Series** - For a Series with images that overlap (e.g. a multi-phase CT abdomen) eFilm can split the series into the appropriate number of sub-series (based on where they overlap in the patient), and the new sub-series that are created can be viewed independently. The new sub-series can also be synchronized using the manual or auto-synchronization features.
- **Automatic Timed User Interface Locking** hides and locks the eFilm user interface after a settable period of inactivity on the part of the user. This allows you to leave a session safely and return with a simple login.
- **Toolbar and mouse functionality** can be fully customized on a per modality basis to ensure you have quick access to only the tools you use.

ADVANCED VISUALIZATION

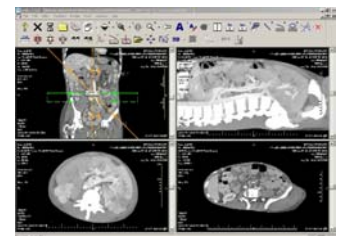
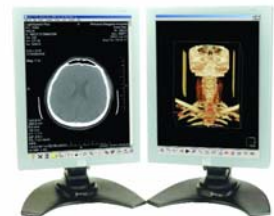
eFilm now supports a suite of Advanced Visualization applications to assist in your post-processing needs. These applications require additional licenses before they can run via eFilm. Two packages are available by download from www.merge.com.

- **3D/4D Review** for 3D/4D reconstruction
- **AccuStitch** for image stitching

The remaining packages are available through Merge eMed's sales team (877.446.3743)

- **CaIScore Review** for calcium scoring assessment
- **Colon Review** for virtual colonoscopy
- **Lung Review** for lung nodule detection and reports

Designed by and for clinicians, eFilm Workstation is the best value in DICOM viewing and clinical functionality on the market today.



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LEADING EDGE IMAGING TOOLS

eFilm Workstation 2.1 continues to incorporate features you need for study review.

- **3D/Volume Rendering**
 - Preview slices and select particular images for inclusion (or exclusion) from volume reconstruction.
 - Adjust interpolation levels to suit processor speeds, color mapping opacity setting options.
 - View structures or organs as a whole (as opposed to slices), which can aid in preparation for surgery.

IMPORTANT: eFilm Workstation has been designed to support optimal clinical visualization. To realize optimal clinical visualization, the user must deploy a color monitor and a video card that fully supports Microsoft DirectX 8.1 or greater. In the absence of the DirectX 8.1 video card, Volume Rendering functionality and performance will be lower than optimal.
- **MPR capabilities include:**
 - Specify only the relevant portion of the input stack to create MPR images.
 - Reconstruct 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.
- **Facilitated spine labeling** and other applications by creating annotation or measurement objects, which can then be copied to all the images in the series, moved, or deleted.
- **Thumbnail panel** gives access to all related studies and eFilm now automatically changes the size of the thumbnails according to your monitor resolution.

EXPANDED CAPABILITIES

eFilm Workstation 2.1 is far more than a reading workstation. You can utilize eFilm to burn CD's, as well as view newer/more complex images.

- **Integrated CD Creation**
 - CD burning library gives you access to a larger range of recent devices.
 - Burn CD's directly from the eFilm Workstation application.
 - Burn a 'lite' version CD of eFilm Workstation to use as a portable viewer using the integrated DICOMDIR support feature.
- **Radiation Therapy (RT) images** can now be displayed.
- **PET/CT images** can be fused to permit visualization of functional PET data combined with anatomical CT data.
- **DICOM and Paper Printing**

TECHNICAL SPECIFICATIONS:

Minimum Hardware

- Pentium II processor
- 256 MB RAM (increased RAM will result in the most substantial performance gains)
- 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)

Recommended Hardware

To get the most out of eFilm, Merge eMed recommends that your computer meet the following specifications:

- Pentium 4-class processor
- 2 GB RAM
- 4 GB free hard drive space (1 GB for installing eFilm and 3 GB for image storage)
- Display resolution 12080 x 1024 with 32 bit/true color

Required Operating Systems

- Windows 2000, XP (Professional Edition only)
 - Microsoft Internet Explorer (IE) 4 or higher
- Note: Windows 95, NT and 98 are no longer supported.*

009-83144-00

Please call us at (877) 446-3743

or

visit www.merge-emed.com

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