

eFilm Workstation™

Continuous Innovation in a Practical Workstation

New Features

Windows® Vista and XP support now available for eFilm and eFilm Lite

Robust, 4 GB SQL Express database provides a stable platform and a larger database (replaces 1 GB Access® database)

Burn both DICOM and non-DICOM files onto CD/DVD

Improved DICOM PRINT gives you greater flexibility when choosing print options (e.g. True Size, WYSIWIG, etc.)

Hanging Protocols let you customize image & layouts to speed your workflow

Create and visualize key images as a series (including numbered sub-sets) for easier access and distribution

Customizable Overlays allow you to position and size DICOM Tags for preferred views and print output, and let you label components for more efficient reads

Copy and Paste eFilm study images directly into Word™, PowerPoint® and other Windows® documents

VERSION 3.1

As one of the world's most widely used desktop diagnostic imaging software, eFilm Workstation continues as a best value in DICOM viewing and clinical functionality on the market today.

With its expansive range of tools including window/level presets, synchronized stacking, MPR, reference lines, cine function and integrated CD burning—and its advanced capabilities such as volume rendering—eFilm Workstation supports the daily workflow of any imaging environment.

In the most substantial improvement package yet, eFilm Workstation incorporates new features that address key areas of visualization and review; database, workflow and media burning; plus new enhancements such as Hanging Protocols and Hanging Protocol Builder with support for Relevant Priors.

Optimal Workflow for Clinical Reading

Examine Multiple Studies

Robust tools like cross-reference, measure, rotate, pan zoom and annotate, give you the power to load, view and save studies anyway you choose.

Split a Series

eFilm can split images that overlap (e.g. a multi-phase CT abdomen) into a series into a consecutive number of sub-series (based on where they overlap in the patient) that can be viewed independently. The new sub-series can also be synchronized using the manual or auto-synchronize features.

Automatic Timed User Interface Lock

Hides and locks the eFilm user interface after a pre-determined period of inactivity to allow you to leave a session safely, and return with a simple login.

Toolbar and Mouse

Customize user settings per modality to ensure you have quick access to only the tools you need.

Sophisticated Imaging Tools Facilitate Your Entire 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; additional options available for color mapping and opacity setting options
- View structures or organs as a whole (as opposed to slices), which can aid in preparation for surgery

MPR Capabilities

- 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 with exceptional image quality within any orthogonal or oblique plane of the data

Visual Display and Print

- Thumbnail panel provide access to all related studies and can be “docked”, or “floated”
- Facilitated spine labeling adds pre-defined annotations

- Provides more configurable handling of multi-frame images
- Fully enabled WYSIWYG/DICOM printing

Overlay Improvements Enhance the Appearance and Detail of Annotated Images

- Font management on display and print
- Font size annotations on printed films
- Customized handling of Mammo Markers
- Larger 4 Gigabyte database capacity (versus 1 GB with previous version) adds stability
- Upgrades include optional, fully automatic data migration from existing database to SQL Express

Additional Features Make it More than Just a Workstation

- Use eFilm to write/burn to CD or DVD, and view newer/more complex images from a wider number of supported devices (Able to include additional non-DICOM files on media)
- View radiation therapy images and fused PET or CT images from the same study and obtain functional/anatomical data at once

Technical Specifications

Required Hardware

- Pentium II-class processor
- 512 MB RAM
- 40 GB free hard drive space (1 GB for installing eFilm and 39 GB for image storage)
- Minimum display resolution 1024 x 768 with 16 bit/high color

When choosing computer hardware, users should note that the most substantial performance gains result when RAM is increased. In order to prevent poor performance of the software, Merge Healthcare does not recommend that eFilm be run on a less powerful system than that listed above. Hard drive space should be added as image storage requirements increase.

Required Hardware for 3D Volume Rendering

- Video display adapter with at least 128 MB of video RAM that fully supports DirectX 8.1 or later version.

Recommended Hardware

To get the most from your eFilm investment, Merge Healthcare recommends that your computer meet the following specifications:

- Pentium 4-class processor
- 2 GB RAM
- 40 GB free hard drive space (1 GB for installing eFilm and 39 GB for image storage)
- Display resolution 1280 x 1024 with 32 bit/true color

Required Software and Operating System

- Windows Vista or WindowsXP Professional
- Microsoft Internet Explorer (IE) 6.0 or higher

Ask About Worldwide 24/7 Technical Support - Available With Each License!

IMPORTANT: Windows 95, Windows 98 and Windows NT are no longer supported by Merge Healthcare. To ensure optimal performance, it is advisable that you upgrade your eFilm platform(s) to WindowsXP SP2 before installing eFilm.

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For more than 20 years, Merge Healthcare's longstanding vitality as an industry leader of RIS, PACS and RIS/PACS innovations has been pioneering mission-critical solutions for radiology practices, outpatient imaging centers and hospitals worldwide. We bring a customer-driven enthusiasm that assures your eFilm Workstation solution remains relevant to your business goals, now and into the future.

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