

DICOM Workstations

Affordable and Reliable Workstation Solutions for Physicians & Specialty Practices of All Types

Simplifying Reads Through Enhanced Visualization



- ✓ The high resolution monitors and advanced DICOM image enhancement capabilities included with EESi's DICOM Workstations **improve patient care** through **enhanced visualization**.
- ✓ With a built-in universal DICOM image viewer, EESi's DICOM Workstations **simplify reads from other sources** with the use of a single, easy-to-use viewer.
- ✓ Immediate access to imaging studies on an ultrafast, high performance workstation **enhances productivity** and **improves the office workflow**.

The DICOM Workstations from Essential Enterprise Solutions, Inc. (EESi) combine features and functionality traditionally associated with expensive radiological imaging systems into an easy-to-use, affordable and reliable workstation ideal for physicians and specialty practices of all types. These robust, standalone workstations can be used with virtually any medical imaging modality and can be deployed as an image archive in low volume environments to access, store and distribute patient studies.

EESi's DICOM Workstations bring enhanced flexibility to the medical imaging workflow by giving you the freedom to immediately access images from your modalities, import DICOM images from CD/DVD, export images for surgery, and receive digital images directly from imaging centers - *all from a single, cost-effective system*. The workstation's advanced imaging processing capabilities incorporate image organization tools, 2D, 3D and 4D reconstruction tools, and sophisticated image fusion methods to simplify navigation and visualization of multi-modality and multi-dimensional images.

Greater Flexibility & Simplified Reads from EESi.

With full workstation functionality and capabilities to receive, view and store DICOM images, EESi's DICOM Workstations quickly pay for themselves in terms of efficiency and reduced administrative costs. Plus, with the addition of the EESi Physician's Portal*, patient studies and images can be accessed securely from any Internet-enabled device - *both on-site and off-site*.

*Additional Charges Apply





Workstations To Fit Your Needs

Whether you need a Tech Workstation to support general imaging tasks or a Radiology Reading Station to interpret digital radiologic images, the DICOM Workstations from EESi provide an affordable solution without compromising quality. Available with 21.5-inch or 27-inch high-definition color displays, these multi-functional workstations deliver ultrafast performance, an intuitive interactive user interface and vivid clarity for navigating and visualizing multi-modality and multi-dimensional images.



○ DICOM Support

- DICOM Storage SCU/SCP
- DICOM Query/Retrieve SCU
- Import/Export Capabilities for Various Image Formats (DICOM, TIFF, JPEG, PDF, AVI, MPEG, and QuickTime)

○ Image Manipulation

- 3D Volume Rendering
- 4D Viewer for Cardiac-CT and other Temporal Series
- 5D Viewer for Cardiac-PET-CT and other Temporal Series
- Image Fusion with Adjustable Blending Percentage
- MPR (Multi Planar Reconstruction) with Thick Slab
- Curved-MPR
- Surface Rendering
- Volume Rendering
- MIP (Maximum Intensity Projection)
- Stereo Vision with Red/Blue glasses

By integrating imaging studies from previously disparate medical imaging modalities, EESi's workstations will empower your practice with higher efficiency and improved workflow. Additionally, EESi's optional Physician's Portal can extend your DICOM workstation by allowing patient images and studies to be accessed securely from any Internet-enabled device.

Technical Specifications

- 64-bit Quad-Core Processor
- 4 GB 1066 MHz DDR3 SDRAM
- 500 GB (minimum) Serial ATA Hard Drive
- 8x SuperDrive
- 21.5-inch or 27-inch LED-backlit glossy widescreen TFT active-matrix liquid crystal display with IPS technology
- **Resolution:**
 - 21.5-inch models: 2.1 Megapixels
 - 27-inch models: 3.68 Megapixels
- Millions of colors at all resolutions
- **Viewing Angle (typical):** 178 degrees Horizontal, 178 degrees Vertical
- **Brightness (typical):** 320 cd/m2 (21.5-inch models); 375 cd/m2 (27-inch models)



For more information on any of our products or services, please visit us on the Web at:

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