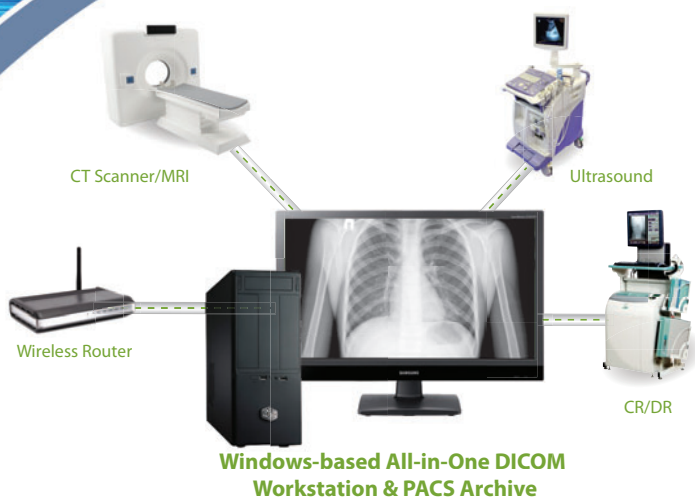


# Windows-based All-in-One DICOM Workstation & PACS Archive

Ideal for Specialty Practices such as Orthopedic, Podiatry, Neurology, and Chiropractic



- ✓ The high resolution monitor and advanced DICOM image enhancement capabilities included with EESi's All-In-One DICOM Workstation & PACS Archive **improve patient care** through **enhanced visualization**.
- ✓ Full query and retrieve support from other DICOM sources **enhances productivity** and **improves the office workflow** with immediate access to imaging studies on an ultrafast, high performance workstation.
- ✓ With a wireless router included, EESi's All-in-One system **enables flexibility** by allowing patient images and studies to be accessed from an Internet-enabled WiFi tablet.

The Microsoft Windows-based All-In-One DICOM Workstation & PACS Archive from Essential Enterprise Solutions, Inc. (EESi) packages the features and functionality traditionally associated with DICOM workstations and expensive radiological imaging systems into an easy-to-use, affordable and reliable workstation and archive ideal for physicians and specialty practices of all types. These robust, standalone systems can be used with virtually any medical imaging modality and can be deployed as an image archive in medium volume environments to access, store and distribute patient studies. With a 24-inch high-definition color monitor and powerful DICOM viewing software, our solution allows you to view images with vivid clarity and ultrafast performance.

EESi's Windows-based All-In-One solution brings 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, view image studies on your tablet, and receive digital images directly from imaging centers - *all from a single, cost-effective system*. The system's advanced imaging processing capabilities incorporate image organization 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 Window's-based All-In-One solution quickly pays for itself in terms of efficiency and reduced administrative costs. Plus, with the addition of the EESi Cloud Storage Solution\*, patient studies and images can be archived in the cloud for long-term, off-site storage.

\*Additional Charges Apply





## High Definition Color Display

Available with a 24-inch high-definition color display, the Window-based All-In-One DICOM Workstation & PACS Archive from EESI delivers ultrafast performance, an intuitive interactive user interface and vivid clarity for navigating and visualizing multi-modality and multi-dimensional images.



### ○ Modality Support

These standalone workstations integrate seamlessly with virtually any digital medical imaging modality including CR, DR, CT, MRI, and more.

### ○ Tablet Access

With a wireless router included as part of the All-in-One solution, patient images and studies may be accessed securely from any Internet-enabled WiFi tablet.

### ○ Standalone Archive

These robust workstations can be deployed as an image archive in medium volume environments to access, store and distribute patient studies. Storage is expandable.

### ○ Ease of Use

EESI's Windows-based All-In-One solution interfaces with other network attached DICOM workstations, film/document scanners and DICOM printers. Images can be easily saved onto portable media such as CD, DVD or USB drive - or printed on a DICOM printer.

## System Specifications

### 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)
- 64 Bit DICOM Viewing Software Installed and Configured

### Image Manipulation

- Zoom
- Window Level
- Window Contrast
- Pan/Move
- Imaging Tiling

### Technical Specifications

#### Workstation

- 3.46 GHz Quad Core AMD Processor AM3+
- 8GB 1333MHz DDR3 SDRAM
- 2TB Internal Disk Assembly (RAID 1, 1 TB Enterprise-level Drive Usable after RAID)
- 24x CD/DVD
- Integrated Video (VGA, DVI, HDMI)

### HL7 Support

- IHE Standards Compliant
- Bi-directional HL7 Interface

### PACS Archive System Flexibility/ Scalability:

- Web-based operation (IE, Netscape, Firefox)
- SCP, SCU services for sending, receiving and queries
- No software limiting dongles
- Unlimited DICOM ports
- DICOM route function to multiple modalities
- Unlimited users
- Full functionality SQL database engine
- Delayed send of studies for bandwidth management

### Display

- 24-inch LED-backlit mat widescreen TFT active-matrix liquid crystal display
- **Resolution:** 2.073 Megapixels
- **Viewing Angle (typical):** 170 degrees Horizontal, 160 degrees Vertical
- **Brightness (typical):** 250 cd/m<sup>2</sup>
- **Response Time (typical):** 5 ms

Advanced Diagnostic Services LLC  
4374 State Street, Bettendorf, IA 52722 | phone (563) 275-7211 | E-mail:scotton@adsqc.com

The All-In-One DICOM Workstation & PACS Archive from Essential Enterprise Solutions, Inc. (EESI) fall under the FDA classification of 21 CFR 892.2010 Medical image storage device, and are exempt from premarket notification procedures in subpart E of part 807.



**EESI Authorized Distributor:**  
White Mountain Imaging  
P.O. Box 216  
Salisbury, NH 03268  
Phone 603.648.2124  
Fax 603.648.2197