Simplifying CONNECTIVITY IN THE PRIVATE PRACTICE
In today’s era, there is a growing need to design PACS solutions as integrated comprehensive solutions, and they have to represent the entire image management of a hospital or a group of hospitals. This is the only way they can meet the aim of integrating all diagnostic activities into a uniform patient record. This way they contribute to a reduction of reading times and patient stays, and help improve quality of patient care through optimized communication.

- The high resolution monitor and advanced DICOM image enhancement capabilities included with EES’s Windows-based PACS Station; improve patient care through enhanced visualization.
- Full query and retrieve support from other DICOM sources, ce workflow with immediate access to imaging studies on an ultrafast, high performance workstation.
- With a wireless router included, EES’s PACS Station enables Windows-based PACS Station allowing patient images and studies to be accessed from an Internet-enabled WiFi tablet.
System Specifications:

DICOM Support

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

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.
- 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)

Display

- 24-inch LED-backlit mat widescreen TFT active-matrix liquid crystal display
- Resolution: 2.073 Megapixels

High Definition Color

Available with a 24-inch high-definition color display, the Window-based PACS Station delivers ultrafast performance, an intuitive interactive user interface and vivid clarity for navigating and visualizing multi-modality and multi-dimensional images.
A strategic partnership

CHIROPRACTIC EXCELLENCE THROUGH TARGETED ANALYSIS

Drawing on its extensive technology, experience, and resources, Radiology Solutions is expanding the availability of digital radiographic imaging for all levels of medicine through targeted engineering. Radiology Solutions offers a growing family of high-performance, Next-Generation Digital Imaging Solutions to meet the clinical challenges of today and tomorrow.

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 PACS Station 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.*