

Rational Imaging PACS

DIAGNOSTIC WORKSTATIONS

At the heart of Intuitive Imaging Informatics' Rational Imaging PACS is the Diagnostic Workstation. Built on a robust, UNIX-based operating system, the Diagnostic Workstation offers a highly fault-tolerant environment to perform critical radiology operations. It meets all standards compliance requirements, including HIPAA, DICOM, IHE, HL7 and SQL.

The Diagnostic Workstation is multi-modality and user configurable, and offers advanced toolsets as standard components, including Dynamic Cross-Referencing, Anatomic Grouping (common planes), Multiple Exam Comparisons, Anatomic Triangulation, Generic and Custom Hanging Protocols and Multi-Planar Reconstruction.

Peer interaction is facilitated by the incorporation of tools like shared White Boards, messaging between workstations and physicians and system-based E-mailing. These tools branch throughout the entire distributed network and are not limited by localized environmental constraints.

In this secure environment, all users are designated individual privileges by the PACS administrator, protecting areas of sensitivity. All exam events are also logged and easily compiled into reports for administrator review and security verification.

The Diagnostic Workstation integrates facility workflow into its architecture by maintaining exam status flags within its database. This integrated workflow is maintained from workstation to workstation, and will ultimately follow the exam, even into deep archive.

The Rational Imaging PACS is capable of handling a wide range of network architectures, which may include numerous offsite facilities. For low-bandwidth remote locations, the Diagnostic Workstation allows users to queue multiple exams in order to improve speed of access.

Diagnostic Workstations are available in a wide range of Greyscale and color monitor configurations (3 Megapixel – 5 Megapixel (High-Resolution)) to suit your Diagnostic needs.



Diagnostic Workstation