SMAART-DRW
Diagnostic Reading Workstation

INTRODUCTION

The SMAART-DRW is the premier diagnostic reading workstation with state-of-the-art image visualization and manipulation tools. The DRW can be operated as a stand-alone workstation or as a component of SMAART's RIS/PACS solution. SMAART's unique managed services program ensures maximized productivity. The SMAART-DRW can be upgraded with optional "plug-ins" for advanced visualization software, such as 3D/4D volume rendering, cardiac scoring and virtual colonoscopy.

SMAART-DRW shown with optional dual 21" FPD

FEATURES & BENEFITS

Standard DRW Tools

- Review and manipulate data received from DICOM modalities
- Simultaneous multiple study exams and cross referencing
- Pan and zoom, window levels, measurements and cine controls
- Synchronized stacking and annotation
- Mouse thumbwheel scroll for slice-by-slice viewing
- DICOM send, receive, query and print
- Create CDs with a viewer
- Displays single or multiple slice images
- Supports up to 5 megapixel displays
- Print to any supported local and/or network paper printer
- Wide variety of optional displays available

Optional Software "Plug-ins"

- 3D/4D Review
  - ◊ VRX: 3D color rendering
  - ◊ ProjectorPro: Real-time reformatting
  - ◊ Edit: Resample datasets
  - ◊ Analyzer: Calculate 2D histograms of datasets
- CalScore Review
- Colon Review
- Lung Review
- AccuStitch

Advanced Visualization Tools

- MPR & MIP– Reconstruct cross sectional images in any plane
- 3D/Volume – View structures/organs as a whole
- Thumbnail Panel – Provides easy access to multiple series
- User Profiles -- Individual viewing preferences based on log-in
- Customized Toolbar – Displays only relevant icons when viewing