



## Digital Mammography Storage Solutions



The mammaray PACS Server will solve many of the problems associated with your current system of mammography retrieval and storage. Clinicians accessing this system will be able to instantly retrieve a woman's mammogram prior to her appointment, thereby unburdening her with the responsibility of having to physically obtain her X-ray mammograms when going to a new physician. When the new digital Mammogram image is created, it can be stored in the mammaray archive server. Additionally, this system will offer an avenue for obtaining expert consultation from a third party in real time, making difficult diagnostic evaluations more effective and improving patient care in the underserved areas that are without access to breast imaging expertise.

### Standard Features & Capabilities:

- Embedded DICOM database for image Archiving and Mgt
- HIPAA - compliant storage retention
- Multiple AE Titles provide archive partitioning
- Manual or Custom Automated DICOM Routing
- No additional licenses required for Modalities or 3<sup>rd</sup> party workstations
- DICOM Encapsulation to attach non-DICOM files (PDF, JPEG, TIFF, etc.)
- HL7 Interface supported with RIS, HIS or EMR integration
- Automated Pre/Post Fetching of Relevant Prior exams
- Web-enabled DICOM Viewer for Referring Physicians and Patients
- Web-based systems Administration and Operator Interface

### Server Configurations:

- RAID 5 or RAID 10 Configuration for Multiple Drives
- Tower or Rack Mountable Servers from DELL
- Tape Back-up Options for HIPAA compliance
- 1.5 (TB) terabyte Raw Capacity Solution
- 2.0 (TB) terabyte Raw Capacity Solution
- 3.0 (TB) terabyte Raw Capacity Solution
- 4.0 (TB) terabyte Raw Capacity Solution
- 5.0 (TB) terabyte Raw Capacity Solution
- 10.0 (TB) terabyte Raw Capacity Solution



Mammography Quality Standards Act (MQSA) – requires a 10 year minimum archive

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