

Medlink iMed-Stor PACS

with ImageGrid Radiology Viewing Management

A simple, Web-Based PACS system that allows unlimited viewing

Smart

- View and edit images from anywhere via local network or the internet
- Next generation web-based DICOM archive and management system
- Cost effective and secure; fully DICOM compliant

Simple

- Simply connect to your network; simple installation requiring little IT expertise
- Standard configurations; system pre-configured to meet users' needs
- Advanced attractive design make systems easy to use by experienced and novice personnel

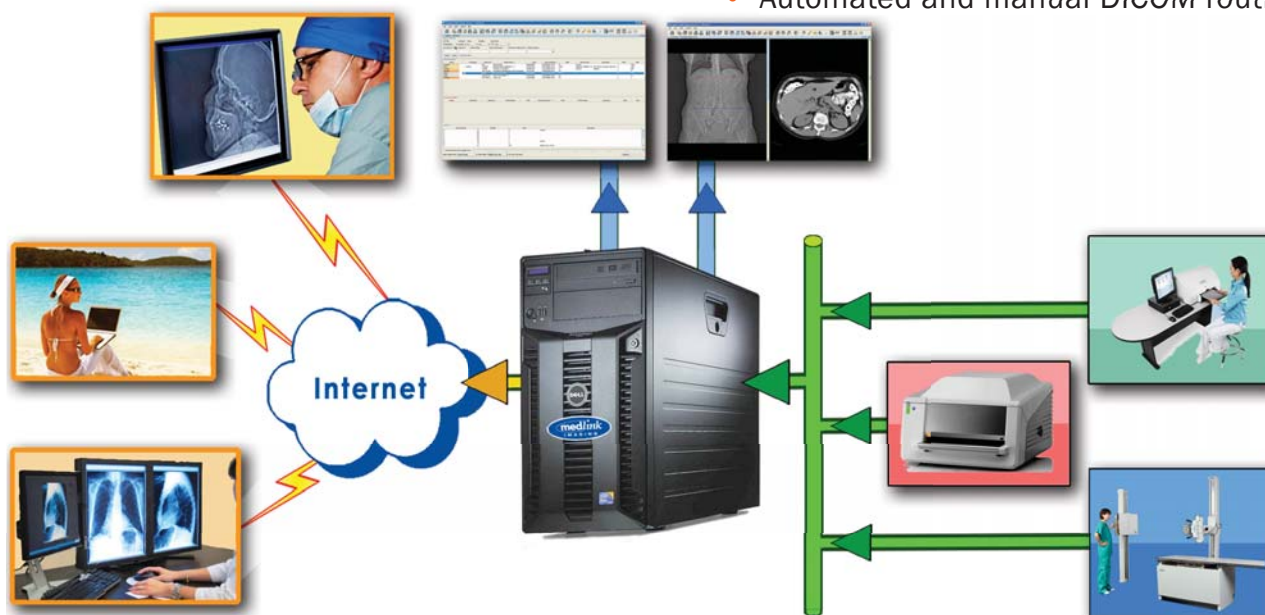
Affordable

- Sold in four inclusive packages to meet individual user needs

- All systems include one year hardware and software warranty with optional extended second and third year warranty

Versatile

- Storage archiving with raw capacity points of:
 - 2 TB configuration, approx. 125,000 CR images
 - 4 TB configuration, approx. 250,000 CR images
- RAID 5 Disk Array (2 +1 + 1 hard drives); no loss of productivity or image data in the event of a hard drive failure
- Managing and archiving images from modalities like CR DR, Ultrasound, Digital Mammography, MRI, CT and PET/CT
- Attach non-DICOM files such as PDF, TIFF, etc.
- Optional automatic data backup with tape drive
- Includes ImageGrid Radiology Viewer, a web enable viewer which allows you to view studies from anywhere
- Automated and manual DICOM routing



Simple, All Inclusive Configuration

iMed-Store Standard Features

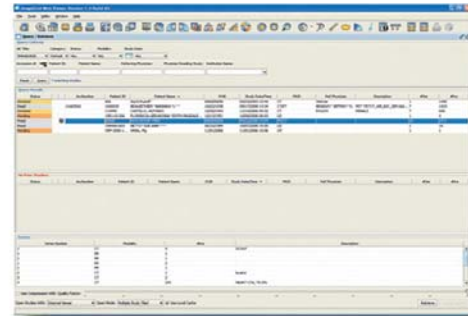
DICOM Storage Server (Dell Tower Chassis)

- Processor: Single Quad-Core Intel Core 2 Duo Processor
- RAM: 4 GB
- Storage: RAID 5 disk array, 4 hard disks.
- Two optional storage capacity configuration:
 - 2 TB memory, image storage capacity 125,000 CR images
 - 4 TB memory, image storage capacity 250,000 CR images



iMed-Stor Archive Server Software

- Embedded database with DICOM engine for image management and archiving
- Two (2) standard remote AE titles included
- Two (2) optional remote AE titles available: maximum of four (4) remote AE titles
- Automated rule-based routing of studies
- Web-based system administration and operator interface



ImageGrid Viewer Features

File Management

- Edit patient demographics
- Display of reporting status for each study
- Detailed image properties
- Identification of archived studies (offline) in the local archive
- JPEG Lossless/YBR Decompression
- Facility to set modality based storage setting
- Single media archive (software only)
- Option to schedule backup
- Facility to route studies to different DICOM nodes based pre-defined rules
- Create rule condition based on AE title, IP address, modality type, duration, etc.
- GDI/Windows printing
- DICOM Print
- Manual, single media archiving to CD or DVD
- DICOM Export of images to other DICOM devices

Layout

- 2D study review
- Animate (cine) single stack
- Navigate images through viewport manipulation
- Cut and paste images into third party applications
- Layout control (up to 8x8 in.)
- Display of series on the monitor indicated on the thumbnails
- Thumbnail navigation
- Key Images
- Toolbar - customizable, movable
- ICU Option (Bundles DICOM Export, markup, Measurement, Study List Content, Multiple Monitors, High Resolution)
- Customizable layout for DICOM print

Annotations

- Annotation level control (All, Basic, None)
- Measurements and annotations
- Scout display
- Save annotations & measurements in GSPSS format to the archive

Image Processing

- Zoom, pan, orientate, invert WWL, magnify, WWL and reset image parameters
- Pixel calibration
- Window level enhanced interactivity and presets
- Edit and Save Changes on image

Note:

Specifications subject to change without notice. Revised January 2011