

Vital Medical Data Storage Systems

A Safe Harbor For Medical Data Storage

MediView Web Viewer

Product Information

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MediView Web Viewer for Secure LAN/WAN and Internet Viewing

Introduction

MediView web based DICOM viewer displays DICOM images from the CeloPACS Server. The communication between the viewer and the CeloPACS Server is established through a secure and encrypted internet connection. No VPN setup is necessary.

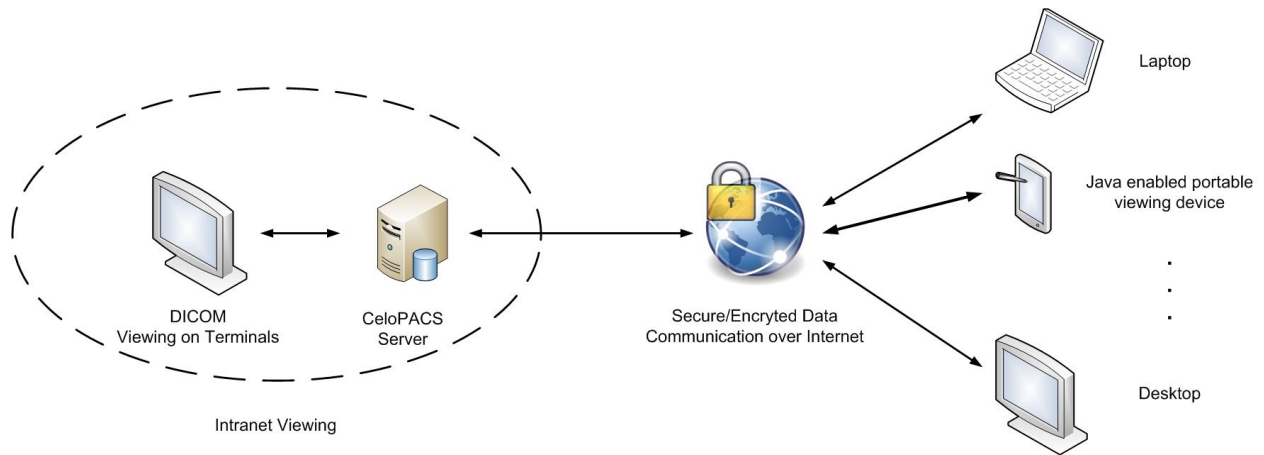


Image Distribution with MediView and CeloPACS

The viewer is fully integrated with the database in our CeloPACS Server and it is based on Java Web Start technologies.

General Overview

- Java-based Web-enabled DICOM image viewer.
- Platform independent viewing: Accessible in Mac, Windows, Linux environments
 - Image viewing on any viewing device that supports Java, such as workstations, desktops, laptops, java enabled portable devices, etc.
- Secure On-Demand image distribution based on Java Web Start Technology.
 - Image study access within the LAN/WAN and Internet.
 - Provides secured local and remote access to image studies in the CelopACS Server through an encrypted SSL connection.
 - No complicated VPN setup required.
- Fully integrated with the CelopACS Server for Query/Retrieve data.
- Supports all DICOM compliant image files.
- Comprehensive image measurement and viewing tools which include
 - Pan, zoom, rotation
 - Measurements
 - Cine Clip display
 - MPR, Reference (scout) lines
- Floating license management. Other licensing options available.
- CE-1 certified.

Technical Overview

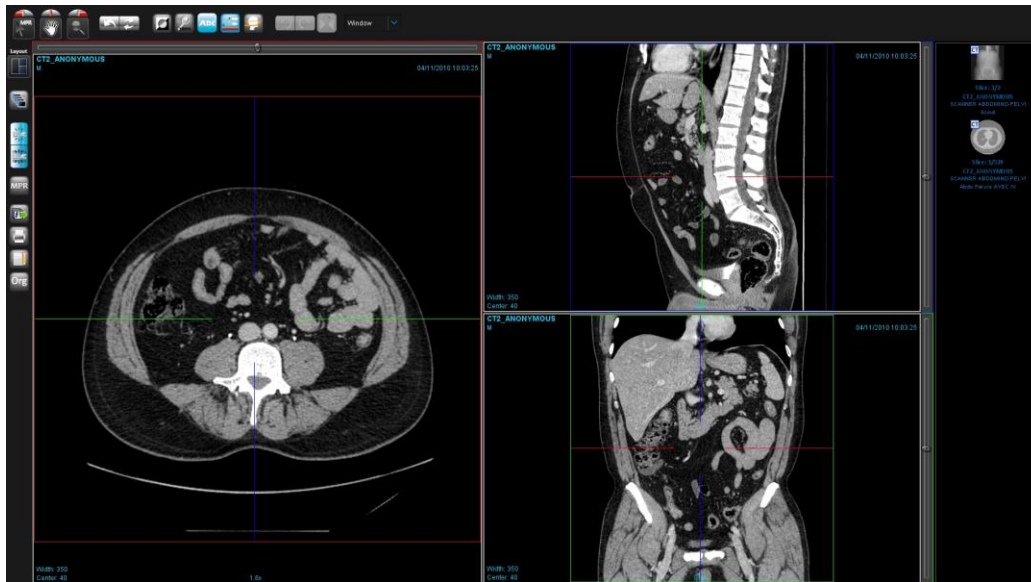
- User access governed by CelopACS system administrator.
- Supports DICOM compliant image files: grayscale and color, single- and multi-frame, JPEG-compressed (lossy and lossless), JPEG-2000-compressed (lossy and lossless), RLE-compressed, etc.
- Supports image measuring tools including Distance, Area, Angle, etc.
- Supports advanced display functions including Multi-Planar Reconstruction (MPR), Cine-playback of multi-frame sequences, Reference lines (Scout Lines) for MR and CT studies.
- Supports windowing, panning, magnifying, ROI selection, brightness/contrast tuning, rotation, flipping, access to DICOM tags etc.
- Supports multi-window display in a single-monitor environment.
- Supports stacking and sorting, side-by-side comparison and synchronized scrolling between two multi-frames study series.
- Supports Query/Retrieve, image pre-caching, on-the-fly compression, report creation, emailing, etc.
- Supports dictation, CD burning, paper printing.

Warranty

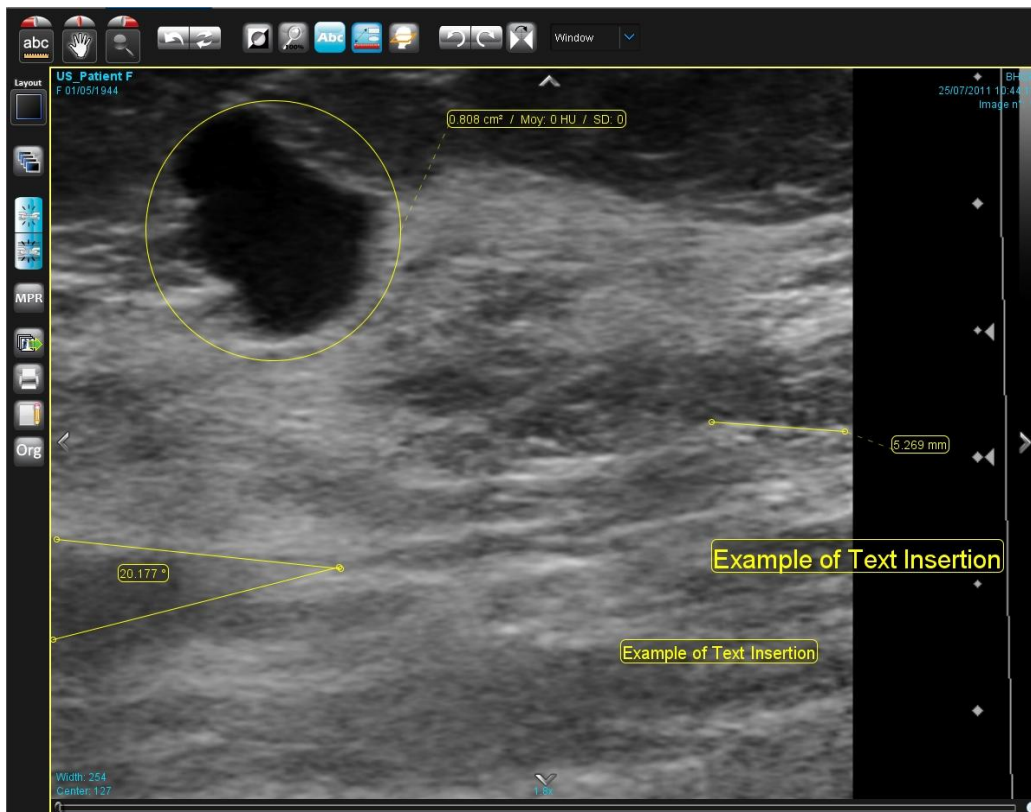
- Standard and Extended Warranty.
- 1-Year Software Warranty including software updates via remote access.
- Optional extended software warranty.

Screenshots

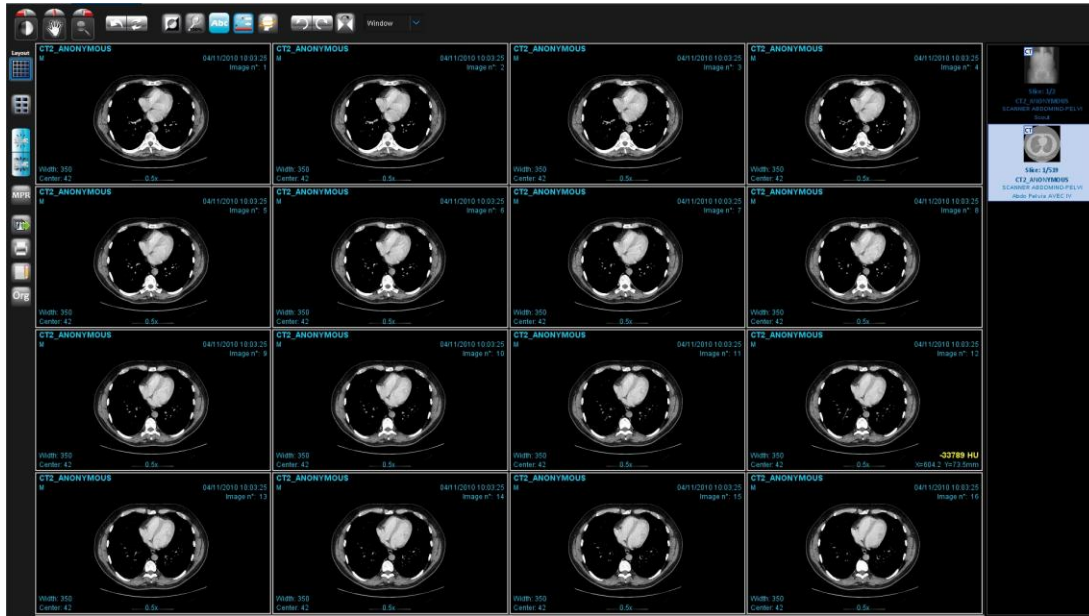
MPR Display



Measurements



Multiple Screens Display



Simultaneous Viewing of Multiple Studies using Synchronized Scrolling

