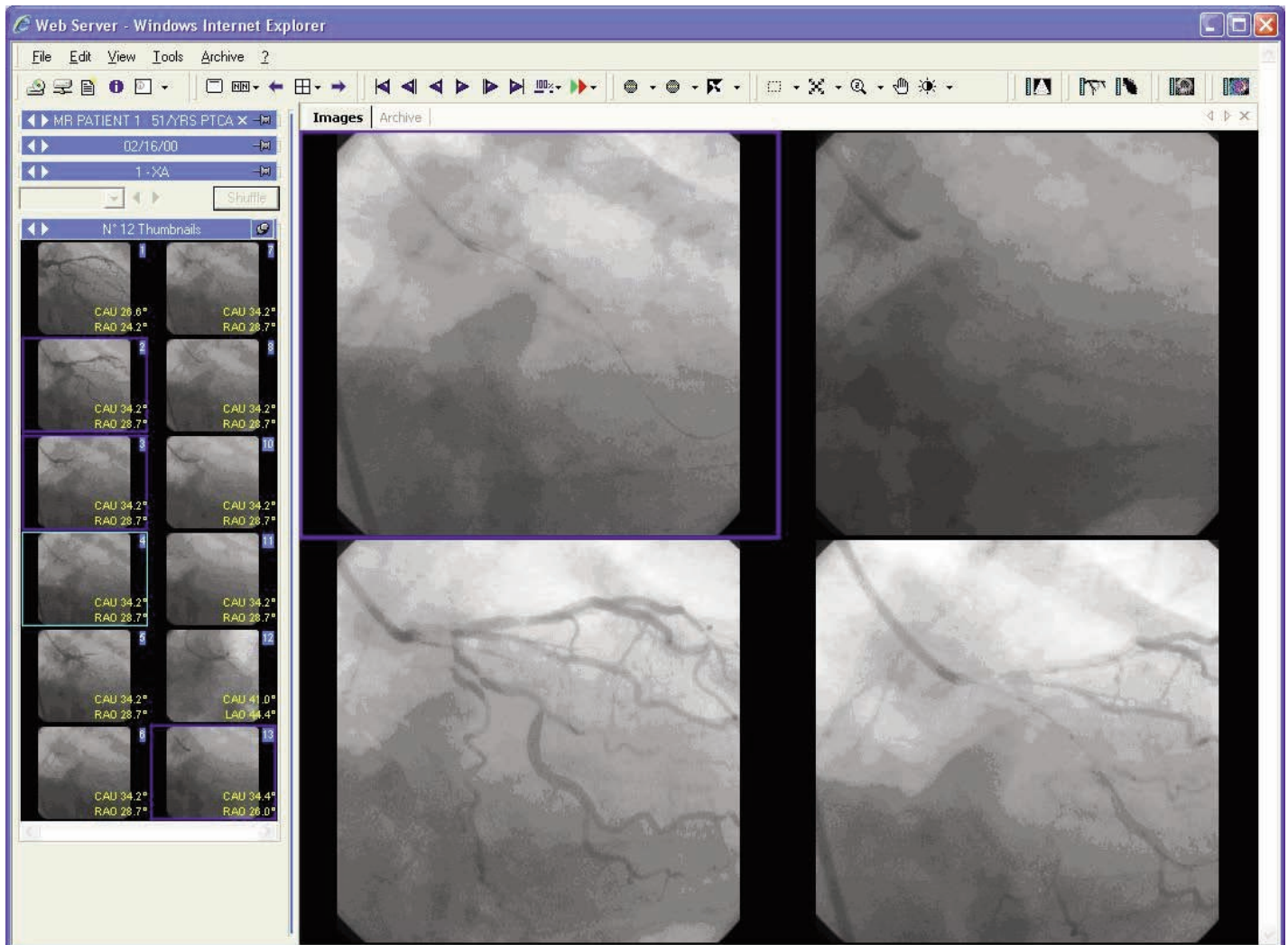


# CardioPACS™ 5.0 Web Viewer

CARDIOPACS MODULE

**CardioPACS 5.0 Web Viewer provides quick and easy viewing of DICOM images and other clinical objects stored on the CardioPacs 5.0 archive. Users can access from any location on any compatible Windows PC that can connect to the CardioPACS 5.0 Web Server.**

CardioPACS 5.0 Web Viewer supports viewing of any DICOM objects including XA, CT, MR, US, IVUS or NM image files from its archive. Displays images up to a 10 x 10 format in a single-monitor environment. Controls stacking, windowing, static and dynamic filtering, colorization, panning, zoom and ROI selection. A simple and user-friendly interface allows precise playback control of loops. All the images are displayed as thumbnails. Exports JPEG, TIFF or AVI files to the clipboard for printing to reports. Reads DICOM studies from CD/DVD media. Reads Philips-Agilent® (HP) TIFF and ATL® DEFF formats from MOD. Supports simultaneous image and report viewing on two monitors.



# Main Features

## File Formats & Conversion

- Multi-modality image review software (Angiography, Ultrasound, IVUS, MR, CT, Nuclear, etc.)
- Support for DICOM 3.0, DSR-TIFF, DEFF file formats
- Support for uncompressed, JPEG lossy and lossless, JPEG-LS and RLE syntaxes
- Support for DICOM international character sets (English, Latin, Arabic, Japanese, Chinese, etc.)
- Conversion to single image formats (JPEG, TIFF, BMP) with cropping
- Conversion to AVI loops with trimming, cropping

## Display Functionality

- Study history and side-by-side comparison of studies (pre-, post-, etc.)
- Selectable full screen image/loop display
- Automatic series or film view from MR/CT DICOM series
- Brightness/Contrast control and automatic or semi-automatic image windowing
- Mouse adjustable zoom, lens and pan controls
- Multi-window display (N x N) for simultaneous comparison of images and loops
- Thumbnail display for series/images and image file previewing functions
- ROI selection (rectangular, elliptical, free-hand region)
- Extensive set of image filters (high pass, low pass, etc.)
- Extensive set of color filters (negative, sepia, thallium, etc.)
- Unsynchronized or synchronized loop playback, speed control and sub-loop selection

## Ease of Use

- Save user preferences on central server (brightness, contrast, etc.)
- Keyboard quick access keys for most important functions and loop navigation
- Complete access to all DICOM information and tags
- Printout of selected images or of an ROI to standard ink-jet or laser printers
- Single image/loop file open/save function
- Automatic detection of DICOM media insertion/removal
- Explore folder function to extract DICOM files from file folders also in case of missing DICOMDIR

## System Requirements

Intel/AMD Pentium 4 equivalent processor or above

2 GB RAM or higher, 5GB disk or above

10Mbps or higher NIC

Color monitor minimum resolution: 1024x768

Windows XP, Internet Explorer 5.5 and above

Keyboard, mouse