

Codonics Virtua syngo Media Viewer

Release Notes

Overview

Thank you for purchasing the *syngo*[®] Media Viewer. Your Virtua[®] is factory installed with the Siemens *syngo* Media Viewer and, at the request of Siemens Medical Systems[®], the attached Siemens *syngo* Media Viewer 2.0 Release Notes are included.

Get it all with just one call
1-800-444-1198

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syngo Media Viewer 2.0 Release Notes

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syngo Media Viewer 2.0 Release Notes

1 INTRODUCTION

This document provides information about syngo Media Viewer software product.

1.1 Disclaimer of Warranty

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1.2 Purpose

The purpose of this **Release Notes** document is to communicate any known problems and workarounds with the syngo Media Viewer.

1.3 Scope

This document describes the syngo Media Viewer product edition 2.0.

The released build is version 2.0.0.10.

2 ABOUT THIS RELEASE

The syngo Media Viewer can be burnt to disk (CD or DVD) along with data selected from syngo and enable users to:

- change the way the images are displayed on the screen e.g. zooming and changing the brightness and contrast;
- view slices through the images' three planes (axial, sagittal, coronal);

-
- view a three-dimensional representation of the images known as a Maximum Intensity Projection (MIP), which is correlated with the other images;
 - view the result of an overlay image superimposed onto a base image if two related images (e.g. PET and CT) have been taken. The images must already have been 'fused' to share the same frame of reference i.e. images from a hybrid PET/CT scanner or resampled images from an application capable of fusion;
 - display Standard Update Values (SUV) for PET scans that contain the required data;
 - view DICOM Secondary Capture (Static and Multi-frame) Images;
 - take linear ruler measurements on an image plane. (Accuracy of linear measurements through the provided Ruler tool is to within 0.2mm.)

3 COMPATIBLE PRODUCTS

This product is intended for use on Windows operating systems.

4 UPGRADES

This is an upgrade to version 1.0 of the syngo Media Viewer.

5 KNOWN BUGS AND LIMITATIONS

- *SCDV-90 Large datasets will take a long time to load on low specification machines*

The time taken to display data will depend on how large the datasets are, how fast the machine is and how fast the data can be read off the disk. For large datasets it is recommended that users close down any other memory-intensive applications before launching syngo Media Viewer.
- *SCDV-26 Lower resolution resampled images for tilted and sheared MR data*

If the patient axis is tilted with respect to the imaging volume, and the slices are also sheared (i.e. axis of the volume not perpendicular to each slice) then all three orthogonal views will be resampled. If each individual slice has a high resolution but there is a large distance between each slice then resampling will lead to three lower resolution views, instead of one original high resolution view and two lower resolution resampled views.
- *SCDV-48 Orientation on screen of tilted images may not be as expected*

If the patient axis is tilted with respect to the imaging volume by more than 20 degrees then the images will not be reorientated on screen e.g. the nose may point downwards on a head scan.

- *SCDV-260 MIP display unavailable for datasets not aligned to patient axes*

The MIP display is optimized to handle datasets aligned parallel to the patient axes. If a dataset is not aligned parallel to the patient axes, it is not possible to display an accurate MIP. Media Viewer disables the display of the MIP in situations where the dataset is not aligned parallel to the patient axes. In such circumstances the MIP window will display the following message "Volume not parallel to patient axes. MIP display is not available."

- *SCDV-230 MIP scale value not correctly displayed*

The scale value (e.g. 1:10) shown correctly in the three orthogonal views is not present in the MIP display. Instead of a valid scale the value "1.0" is always shown, without a denominator.