

***syngo*[®].via**

Release Information – *syngo.via* RT Image Suite
VB50

●	1 Release Information	5
	1.1 Scope	5
●	2 Safety information	7
	2.1 General safety information	8
●	3 Useful hints	9
	3.1 Acrobat Reader installation	9
	3.2 Missing snapshot	9
	3.3 Scanner integration	9
	3.4 Naming of findings	9
	3.5 Use of a monochrome monitor	10
	3.6 Use of a high resolution monitor	10
●	4 Known issues	11
	4.1 General information on <i>syngo</i> .CT applications	11
	4.2 <i>syngo</i> .via RT Image Suite	13
●	Index	15



Table of contents

1 Release Information

Dear Customer, we would appreciate your feedback regarding this software version. If you have any suggestions for future improvements, please forward them to your local Siemens Healthineers representative.

Thank you for placing your trust in us. We wish you lots of success using your *syngo.via* RT Image Suite VB50.

© Siemens Healthcare GmbH, 2020 All rights reserved.

1.1 Scope

For the following listed medical device, you can find useful hints in this Release Information:

- *syngo.via* RT Image Suite



1 Release Information

2 Safety information

Follow the safety information in this document.



To ensure the safe use of your product and the safety of people, you must adhere to the safety information provided in the Instructions for use documents. In addition, also observe your country-specific regulations and guidelines.

Safety information is located in the safety section and repeated within context where a hazardous situation may occur. To make sure safety information is understood, always read it in context of the situation.

WARNING and CAUTION are highlighted in the text:

WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

WARNING and CAUTION have the same structure. The following example CAUTION instructs you how to read a WARNING or a CAUTION:

CAUTION

This text describes the hazardous situation: Images with lossy compression are used for diagnosis!

This text describes the hazard: Wrong diagnosis.

- ◆ **This text describes how to avoid the hazardous situation:**
 - Always verify your evaluation results with the original DICOM images (first reader duty).
 - ◆ Never use lossy ...

2 Safety information

2.1 General safety information

For the secure operation of your medical device, it is the responsibility of the system owner to ensure that each person who operates the system reads and understands the provided Instructions for Use.

CAUTION

Not observing the Instructions for Use and the safety information of the medical device!

Injury to the patient.

- ◆ Always observe the Instructions for Use and follow the safety instructions of the medical device.
- ◆ Always use this Instructions for Use document in conjunction with all Instructions for Use documents provided.

3 Useful hints

3.1 Acrobat Reader installation

Install the Acrobat Reader only from the *syngo* installation package and not from any other source.

3.2 Missing snapshot

Snapshots that are manually added to an existing finding are automatically removed if the related measurement itself is changed, for example, by moving or resizing the ROI.

3.3 Scanner integration

Update the mapping rules for the CT Scanner Integration, which are supplied in your mapping table.

These mapping rules are based on the following DICOM attribute:
ProcedureCodeSequence (0008,1032) : CodeValue
(0008,0100)

3.4 Naming of findings

The names of findings are unique for each workflow step. For example, the first marker of a workflow is always named **[1] Marker**. As a result, several **[1] Marker** findings may exist in a combined workflow.

To avoid a defective attribution of findings, consider not only the name of a finding but also its source attribute that is an element of the **Findings details** window.

3 Useful hints

3.5 Use of a monochrome monitor

To achieve an optimal display of results, Siemens strongly recommends to use a color monitor.

The use of a monochrome monitor might decrease the quality of the text and the graphics that are displayed. This may influence the correct interpretation of these results.

3.6 Use of a high resolution monitor

A screen resolution higher than 130 ppi may lead to scaling issues. Some entries in the graphical user interface, for example, in the configuration dialogs or the interactive findings dialog, may overlap or be hidden.

Make sure that the screen resolution is set to less than 130 ppi.

4 Known issues

This section describes the CT restrictions that are known for *syngo.via* VB50.

4.1 General information on *syngo*.CT applications

Required Online Help contents are not displayed

Opening the Online Help by pressing the **F1** key or clicking a **More** link may result in an error.

Use the search function in the Online Help viewer to display the required content.

The shortcut key to show or hide full image text does not work in all *syngo.via* CT applications

When you load a data set in the **MM Reading** workflow step, select a segment and use the **Show full image text** or **Hide full image text** shortcut key, it does not work.

Replace any segment and press the shortcut key.

Windowing cannot be adjusted for CT presets

In some *syngo*.CT applications, you cannot adjust the windowing presets or assign your own shortcut keys.

You need to manually adjust the windowing in the segments.

You need to use the default shortcut keys.

Logging information is missing when using FastTransfer

If a FastTransfer *syngo.via* node is used to send data from the Siemens Healthineers CT scanner to *syngo.via*, the Audit Trail does not contain information regarding the respective DICOM transfer data logs.

4 Known issues

Do not use a FastTransfer *syngo.via* node to send data to *syngo.via*:

- Make sure, the **syngo FastTransfer Nodes** option is disabled for the DICOM network node in the **Siemens Healthcare Service Software** of the CT scanner.
- Contact your local Siemens Healthineers service technician for assistance.
- Manually transfer the files from the **Patient Browser** to the defined *syngo.via* DICOM node.

Client installation on *syngo* MMWP

If you intend to evaluate patient data within a *syngo.via* application, make sure that the system has enough free RAM space (> 2 GB) before starting the client. Close other patients and other *syngo* MMWP applications, if necessary.

Blurred image text

Image text may be blurred and not readable, especially at clients where a Windows 7 operating system has been installed.

Improvement:

- Disable **Smooth Edges for fonts** in the **Windows Desktop Display Properties**.

Vessel labels are not displayed while printing with "Save as result series"

When you send the CPR images to printing by clicking the **Print visible image** icon and try to save the series of images in the **Save as result series** dialog, snapshots of the newly created image series do not contain vessel labels.

In the **Save as result series** dialog, add vessel labels accordingly.

An exception occurs during a printing job

When you print more than 1 film in the Chinese language, an exception occurs.

You must print each film individually.

4.2 *syngo.via* RT Image Suite

Image jumps back to the original slice and zoom position

If you scroll through slices and zoom to a position before performing one of the following actions, the image jumps back to the original slice and zoom position:

- Applying colorwash to a loaded dose file.
- Loading two data sets and activating the **Edit Alignment** tool.

To avoid the image jumping back to the original slice and zoom position, first perform the necessary action then navigate to the required image position.

Importing structures from Eclipse

Reference points and the attached information, for example, localization information, are saved to the plan and not to the structure file. If you want to export specific reference points from the structure file, these points need to be defined as markers in Eclipse. If you want to import reference points that are dose or plan related parameters, the plan also needs to be exported.

Stripes and spike artifacts after performing image registration

If the reference image and the non-contouring image have different resolutions, for example, the reference image with a slice thickness of 8 mm and the non-contouring image with a slice thickness of 2 mm, the copied structures may have stripes and spike artifacts after performing image registration.

Only use images with a similar slice thickness for image registration.

Automapping may fail for 4D data sets

When a particular phase is marked as a planning CT with the scan protocol, the remaining phases will not be automatically loaded.

Do not mark 4D data sets with the data roles in the scan protocol.

4 Known issues

G

general safety 8

S

safety advice 8

Safety information 7
 general safety 8



This page has been intentionally left blank.



This page has been intentionally left blank.



This page has been intentionally left blank.



Manufacturer's note:

This device bears a CE mark in accordance with the provisions of Council Directive 93/42/EEC of June 14th 1993, concerning medical devices.

The CE marking applies only to Medical Devices which have been put on the market according to the above-mentioned EC Directive.

Unauthorized changes to this product are not covered by the CE mark and the related Declaration of Conformity.

Caution: Federal law restricts this device to sale by or on the order of a physician, dentist, or veterinarian (21 CFR 801.109(b) (1)).

The original language of this document is English.

Siemens Healthineers

Headquarters

Siemens Healthcare GmbH

Henkestr. 127

91052 Erlangen

Germany

Phone: +49 9131 84-0

siemens-healthineers.com

Legal Manufacturer

Siemens Healthcare GmbH

Henkestr. 127

91052 Erlangen

Germany