

Mimics® Research

3D Ultrasound - Philips

Information Sheet

/ General Requirements

The “Cartesian Dicom” export option is not possible directly from the IE33 machine. The data should first be opened in Philips QLAB. Within QLAB, there is a function to enable the Cartesian Dicom export. If the user selects the button in the lower left corner on the QLAB home screen, you will see the option to enter a key to unlock this functionality.

The main requirement for the images is that it should be a **stack of 3D monochrome images**, without any ‘already generated volume’ that looks [like this](#).

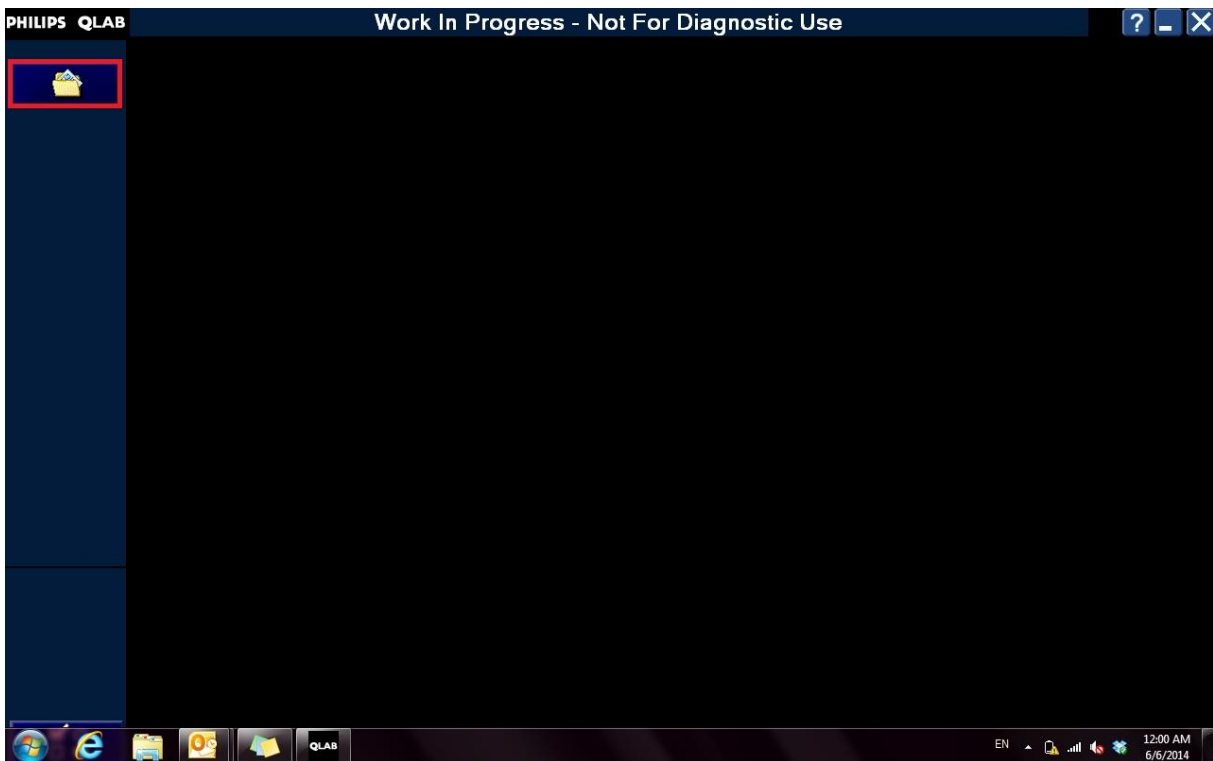
It also shouldn't be a ‘single image’ [like this](#), nor an image including Doppler results [as this example](#). A single image with all views, volume and additional information [like this](#) (aka a ‘screenshot’ from the scanner monitor) can also not be processed.

/ How to Extract the Supported Formats

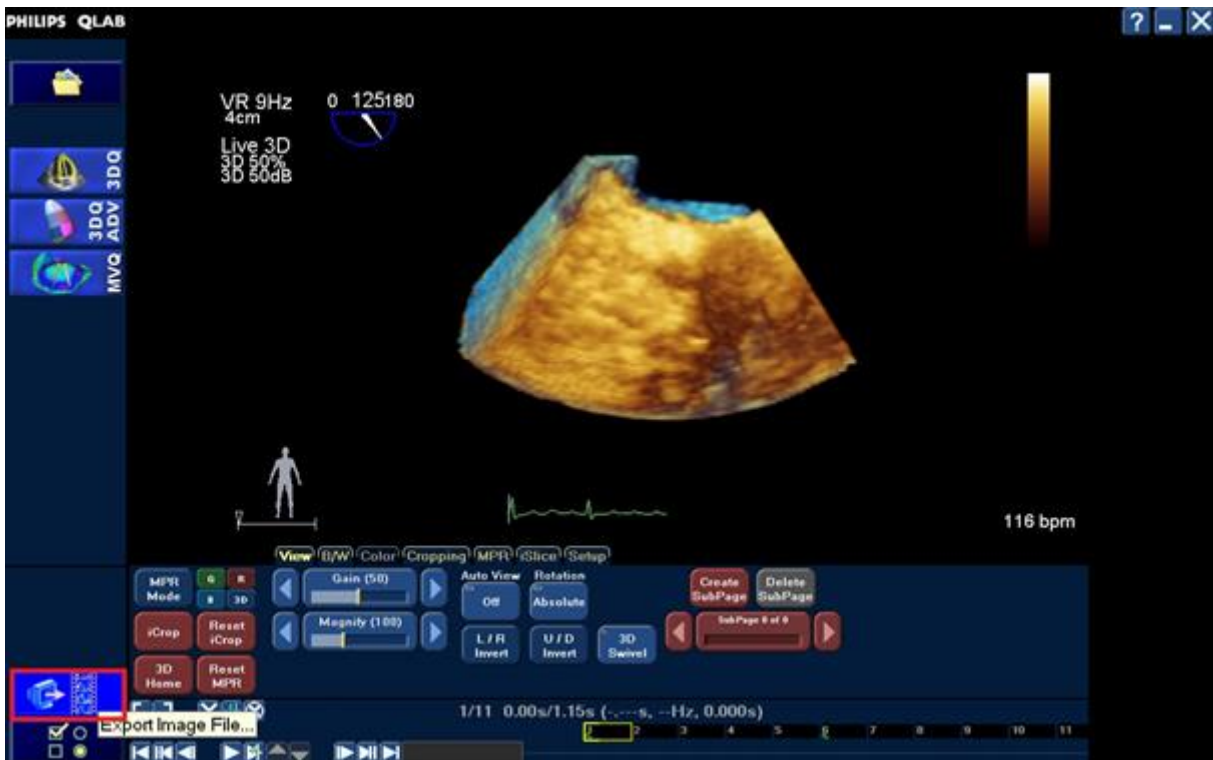
Philips

Follow the steps below to do the Cartesian export from the QLab software:

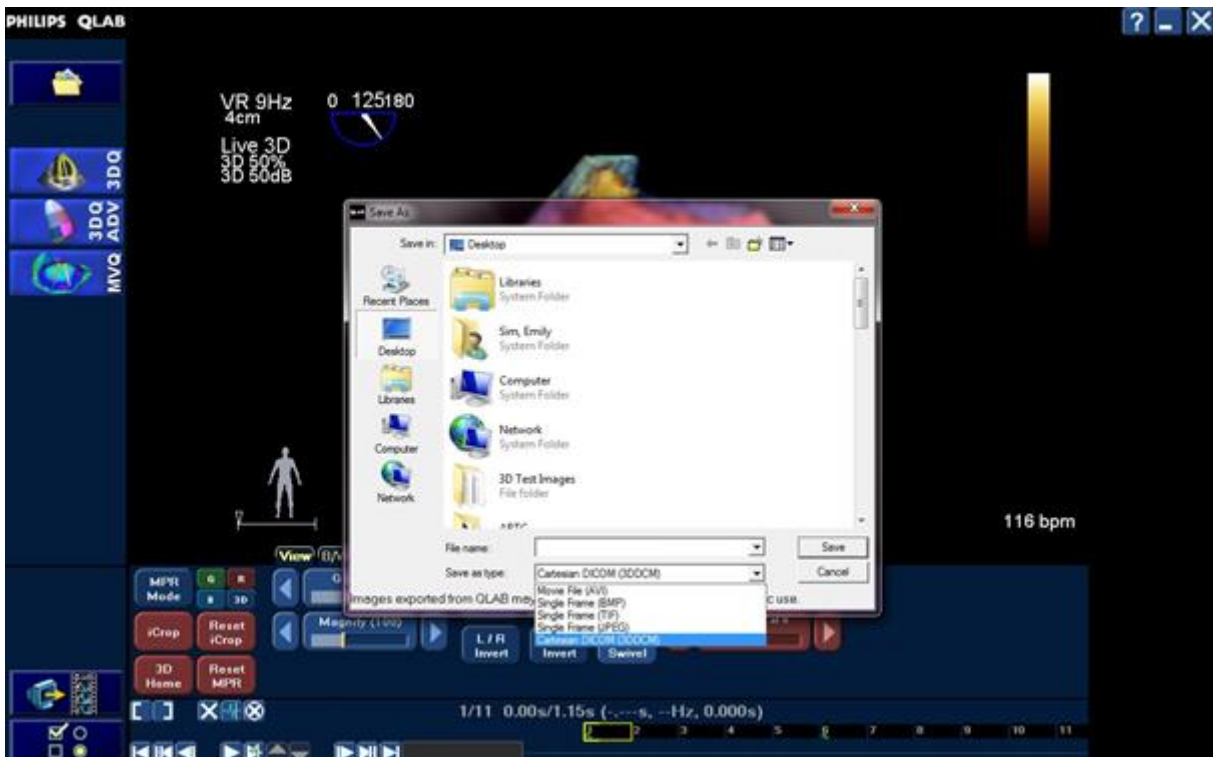
1. Click to open an image.



2. Click *Export Image File*.



3. Under 'save as type', select *Cartesian DICOM* from the menu.



Regulatory Information:

The Medical edition of the Mimics® Innovation Suite currently consists of the following software components: Mimics® Medical version 18.0 and 3-matic® Medical version 10.0 (released 2015). Mimics® Medical is intended for use as a software interface and image segmentation system for the transfer of imaging information from a medical scanner such as a CT scanner or a Magnetic Resonance Imaging scanner. It is also used as pre-operative software for simulating /evaluating surgical treatment options. 3-matic® Medical is intended for use as software for computer assisted design and manufacturing of medical exo- and endo-prostheses, patient-specific medical and dental/orthodontic accessories and dental restorations.

The Research edition of the Mimics® Innovation Suite currently consists of the following software components: Mimics® Research version 18.0 and 3-matic® Research version 10.0 (released 2015). Mimics® Research is intended only for research purposes. It is intended as a software interface and image segmentation system for the transfer of imaging information from a variety of imaging sources to an output file. It is also used as software for simulating, measuring and modeling in the field of biomedical research. "Mimics® Research" must not be used, and is not intended to be used, for any medical purpose whatsoever. 3-matic® Research is intended for use as a software for computer assisted design and engineering in the field of biomedical research. "3-matic® Research" must not be used, and is not intended to be used, for the design or manufacturing of medical devices of any kind.

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