Philips HD11 Connectivity Guide

Last Modified on 01/26/2021 8:49 am EST



Tricefy Connectivity User Guide: Philips HD11 Ultrasound System

The purpose of this user guide is to provide instruction to enable the connection of the Philips HD11 ultrasound system to Tricefy via an external uplink which is configured in the Ultrasound system DICOM settings. These instructions are to be used after the user has obtained the necessary connectivity information (IP address and port number) from the computer that will be used to host the external Tricefy Uplink. After reading the instructions contained within this guide, the user will be able to:

1. Enter the Tricefy uplink connectivity information into the Philips HD11 ultrasound system.

2. Configure the programmable print keys on the Philips HD 11 ultrasound system to send images or cine clips to Tricefy via an external uplink.

3. Program the Acquisition/Capture Keys to send to Tricefy

Section 1: Entering the Tricefy DICOM storage information onto the Philips ultrasound system.

Access to the Philips ultrasound system DICOM Setup is through the **Set Up** hard key. The DICOM information can be accessed through the following keystrokes: **Set Up>System> DICOM settings**.

Note: The machine cannot be in Exam Mode during configuration.

1. Press the Set up hard key located on the left-hand side of the console located next to the probe and patient hard keys.



2.Highight the System tab, followed by the DICOM tab.

Options				Service			Removable Media			
	Mode	Label	Measurements	Analysis	Obstetrics	Acquisition	Physic	30/40	Peripherals	
Syster	m Settings infigure setti	ngs that	are not saved w	th presets.						
	Border and Prompts		Date/T	Date/Time Locale						
		0	wi	Securi	itγ_	Name Form	nat			
LGC pri On Off Auto	ofile display	- 14	ight / Weight uni Metric (ams/kgs) English (ins/lbs)	ts: Depti Off Ve Bo Let Rij	h markings: I rtical th It jht	Monitor bri 1 2 3 4 5	filmess:	Monitor sRG8 1 2 3 4	tint:	
TGC profile display: On Off Auto		Bo	Background color: Black Gray		mal index: emal S B C	Keyboard brightness: Low • Medium • High				
TEE temperature units: 20 image s Celsius Large Fohrenheit Medium		limage size: Large Medium	E Ad	tivate body ma	rker during fro	eze and du	al			

3.Once the DICOM menu opens, select the Preset rename, create, delete tab on the right-hand side of the screen.



4. In the Type a name for the new preset: field, enter: TRICE MEDICAL

Create a new prese	4		
Type a nan	ne for the new preset:		
n	en press "Create New"		
	Note: The new pre	set will be created with the current DICOM set	ttings
Delete a preset			
Delete a preset	Select the preset:	ViewPoint	8
Delete a preset	Select the preset: Then press 'Delete'	ViewPoint Delete	1

5. Then press "Create New"

6. Select Close. Confirm TRICE MEDICAL appears in the Change DICOM Preset box. If not, choose this option from the dropdown menu.

- 7. Select change settings for current preset.
- 8. Now select the right-side tab: Servers and Roles

his System Servers & P	ntes
System name	AE Title this system uses to identify itself on the DICOM network: HD11
	Derive the AE Title from the PC's name
	PC Name: 06M NG2AZN04688 Ohange

9. Now start with the left-hand side under the Servers column and select Modify.

This System Servers & Roles	
Servers	
Name: ViewPoint	
AE Title:	
Host/IP Address:	
Port	
Connect Timeout (in seconds)	
Read Timeout (in seconds)	
Retry Interval (in seconds)	
Maximum Retries	
Packet size (in bytes)	
New	
	Modey

- Enter the name.
- AE Title: archive
- IP Address: As obtained by the Tricefy Uplink host computer.
- Port number: 104 as obtained by the Tricefy Uplink host computer. Port 105 can be used if 104 is already in use.

10. To confirm proper DICOM service configuration, click on the **Ping** button.

- 11. Once the configuration has been checked, select "Done".
- 12. Now under Roles column, select Modify.

Roles	
Strare	
Primary Storage SOP:	ri l
Secondary Storage SOP:	E
Storage Commit SCP:	<u></u>
SR Storage SCP:	
SR Storage Commit SOP:	
Printers	ar
BAW Printer SOP:	
Color Printer SCP:	
Patient selection and status	
MML SOP:	
MEPS SOP:	0
	Madle
	and a
	Close

- 13. Under Storage> Primary storage SCP, select Trice Medical in the drop down.
- 14.Click Advanced



15. On the Network Preferences tab:

-Select the Image Format tab -Under *Color Images>Format*, select RGB

-Under B&W Images, select Use MONOCHROME2 Format

-Under Transfer Syntax, select Uncompressed, Implicit VR Little Endian -Click OK

1. Select Done and Close under the Roles section

2. Click Modify Current when the DICOM Preset Settings Changed dialog box appears, followed by OK

Click Close, followed by OK to close the Setup screen.

If adding a second DICOM store for patient sharing, Repeat the above steps to create the second archive:

- In Step 4, enter TRICE PATIENT instead of TRICE MEDICAL
- In Step 9, enter the AE Title " patient"

Section 2: Programming the Print keys on the Philips Ultrasound system

Accessing the print key configuration is done through the **Setup** hard key on the left-hand side of the console located next to the probe and patient hard keys. The print configuration can be accessed through the following keystrokes: **Setup>Peripherals>Config** Acquisition/Capture.

1. Under the Archive/Printer tab select the key to be programmed. There is an option of 2 configurable print keys (Acquire 1 button, Acquire 2 button)



2.2 Use the drop down menu to select the **Acquisition type** (e.g. Frame, loop, or both) and select the destination (archive or patient). Selecting a destination for the Acquire button will send the images or cine clips to Tricefy after each capture. See above image.

Congratulations! You have now configured the programmable print keys on the Philips ultrasound system.

Note: If the Acquire buttons are already in use, you can send exams to Tricefy using the following steps:

1) Perform the exam

2) Return to Review



3) Highlight or select only the images you want to send to Tricefy

4) Check Trice Medical and select the Send To button

