Trcefy GE Voluson Series (2015 models and older)

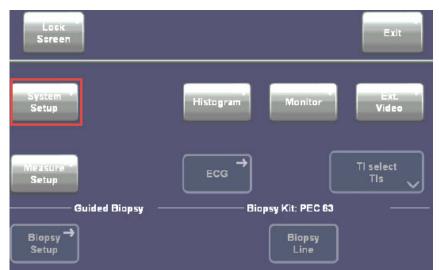
Last Modified on 2023-05-11 13:53

Follow the process below to configure your ultrasound system to send data to Tricefy.

Select the Utility hard-button located on the machine:



The Utility screen will display on the LCD monitor. Select System Setup:



On the System Setup screen, we will select Connectivity from the under the Settings menu (shown below in the red box), followed by the Device Setup tab (shown in the green box).



The Device Setup tab will display five buttons. Choose the first button - DICOM Configuration:



Dicom Configuration	Network Configuration	WLAN Configuration
DICOM Queue Status	Archive Configuration	

The DICOM Configuration screen allows you to add new stores. These stores are like warehouse receiving centers; they receive the data from your ultrasound system.

We will create two stores: one for sending images to patients and one for archiving.

First, we will add the archiving store by clicking the Add button:

AE Title: V730 Station Name: US1			Test Connection				
	Retry Ir	Count: nterval: out (s):	2 2 45		Ping: Verify:	1	
	Services	Alias		AE Title	IP Address	Port	Color / Size
	STORE	v730		v730	172.16.99.99	3104	Color / Original
~	STORE	TEST		teST	172.23.45.67	3201	Color / Original
	PRINT	TESTP		Testprint	162.23.34.56	3101	Grayscale
	WORKLIST	Testlis	st	Testliste	179.83.74.651	3802	
	WORKLIST	DADA		MUMU	136.91.82.73	3104	

Enter the following information into the top fields, shown below in the red box:

AE Title = archive

IP Address = Refer to Account Settings

Port = 104 or 105 (refer to Account Settings)

	DICOM Configuration						
	Services:	STORE		IP Address:			
	Alias:			Port:	104	Send sequ.	
	AE Title:			Storage Commit:			
	Color	Color		Image Size	Original	•	
	2D Compression	JPEG		2D JPEG Quality	high		
	Cine Compression	JPEG		Cine JPEG Quality	high		
	Volume Compr.	lossy		Volume Compr. Quality	high		
	Send Image as	Image		Send 2D Cine as	Multiframe		
	Send 3D Volume as	DICOM Volume		Send 4D Cine as	DICOM Volume		
	DICOM Image Type	default		Multiframe: FPS Limit	Unlimited	•	
s	end Measurements as	SR: mo	×	Include Scan Assistant Data			
_							
	4D View default	DICOM Station default		ViewPoint Default	Save&Exit	Exit	



By default, the compression settings, shown above in the green box, will have to be adjusted. Don't worry, adjusting these settings will not lower image quality. Modify the compression settings to match the following:

Color	Color	Image Size	Original
2D Compression	JPEG	2D JPEG Quality	High/95%
Cine Compression	JPEG	Cine JPEG Quality	High/95%
Volume Compression	Lossless	Volume Compress Quality	High
Send Image As	Image	Send 2D Cine As	Multiframe
Send 3D Volume As	Image	Send 4D Cine As	Multiframe
DICOM Image Type	Default	Multiframe: FPS Limit	30
Send Measurement As		Include Scan Assistant Data	No

Once you are done modifying the compression settings, click Save & Exit:

4D View default	DICOM Station default	ViewPoint Default	Save&Exit	Exit

Next, we will add the patient-sharing store by clicking the Add button again. Follow the steps outlined above and enter the following information into the top fields:

AE Title = patient IP Address = Refer to Account Settings Port = 104 or 105 (refer to Account Settings)

Modify the compression settings, just like we did in the previous step, to the match following:

<u>References</u>

How to test your imaging system Port and IP Address of the Uplink computer GE Support page

Note: GE ultrasound machines are consistent in configuration and functionality across varying models.