

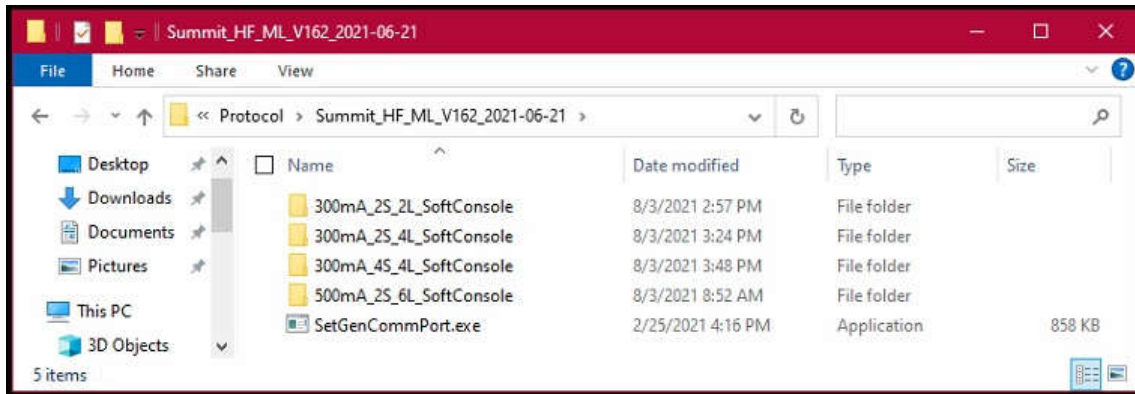
Date: 02/24/2023

Software Update: **Medlink Summit Console V1.7.0**

Installation steps:

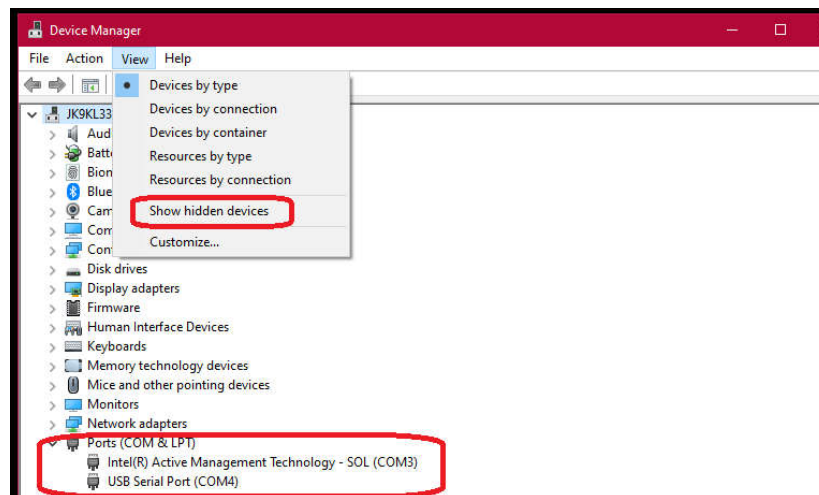
1. Install Summit Generator Integration Folder

- Close **VXvue**.
- Open directory: **C:\Program Files\Vxvue\GENERATOR\Protocol**
- Place **Summit_HF_ML_V170_2023-02-24** folder (provided by Summit) in the Protocol directory.
Ex:

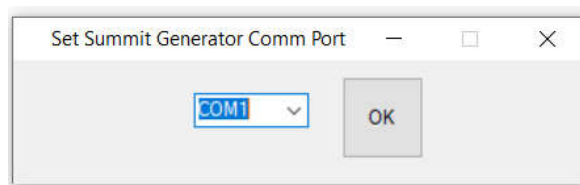


2. Setup Generator Communications Port

- Find your generator communication port number.
 - Go to windows Device Manager.
 - Turn on hidden devices: View → Show hidden devices.
 - Monitor Ports (COM & LPT) while plugging and unplugging the generator cable from the back of the PC.
 - Note the port number and close the Device Manager.



- Run **C:\Program Files\Vxvue\GENERATOR\Protocol\Summit_HF_ML_V170_2023-02-24\SetGenCommPort.exe**
Application will appear as follows:

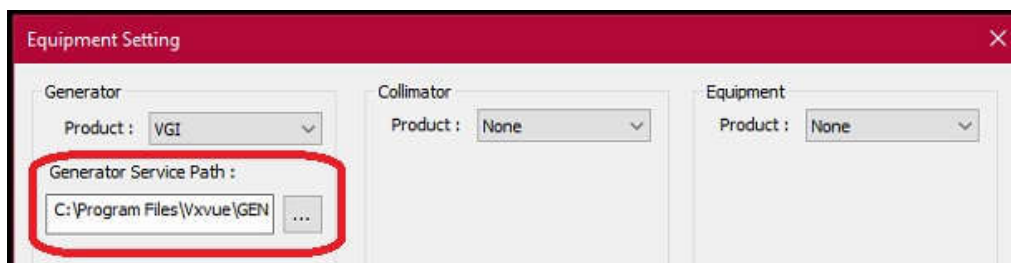


Select correct COM port from the drop-down Menu → Click **OK**.

3. Setup VXvue to use Summit Generator Integration File

- a. Run C:\Program Files\Vxvue\VXSetup.exe

Application will appear as follows:



- b. Click the [...] button under Generator Service Path (as shown above) to find the .exe file below:
C:\Program Files\Vxvue\GENERATOR\Protocol\Summit_HF_ML_V170_2023-02-24\
XXXmA_YS_ZL_SoftConsole\MLSummitSoftConsole.exe

- c. Refer to Table below for selecting the correct folder, based on your Generator Model No.:

Summit Generator Model No.	Folder to look in
00210-002, -005, -009, -014, -017, -019 thru -022, -050, -051	300mA_2S_4L_SoftConsole
00210-000, -007, -016, -018	300mA_2S_2L_SoftConsole
00210-001, -003, -006, -008, -010, -015, -023 thru -049, -052 thru -071	500mA_2S_6L_SoftConsole
02968-001, -007, -010, -012, -015, -019	300mA_2S_4L_SoftConsole
02968-003, -005, -009, -011	300mA_2S_2L_SoftConsole
02968-002, -004, -006, -008, -013, -014, -016 thru -018	500mA_2S_6L_SoftConsole
03900*	500mA_2S_6L_SoftConsole
03901*	500mA_2S_6L_SoftConsole
L300-01 and -02	300mA_4S_4L_SoftConsole
L300-03 thru -05	500mA_2S_6L_SoftConsole
L500-**	300mA_2S_4L_SoftConsole
L550-01 thru -19, -22 thru -25, -29, -33, -34	300mA_2S_4L_SoftConsole
L550-20, -21, -26 thru -28, -30, -31, -42	500mA_2S_6L_SoftConsole

- d. Then, click **Open**.

4. Link Calibration Files for DR Panel (if needed)

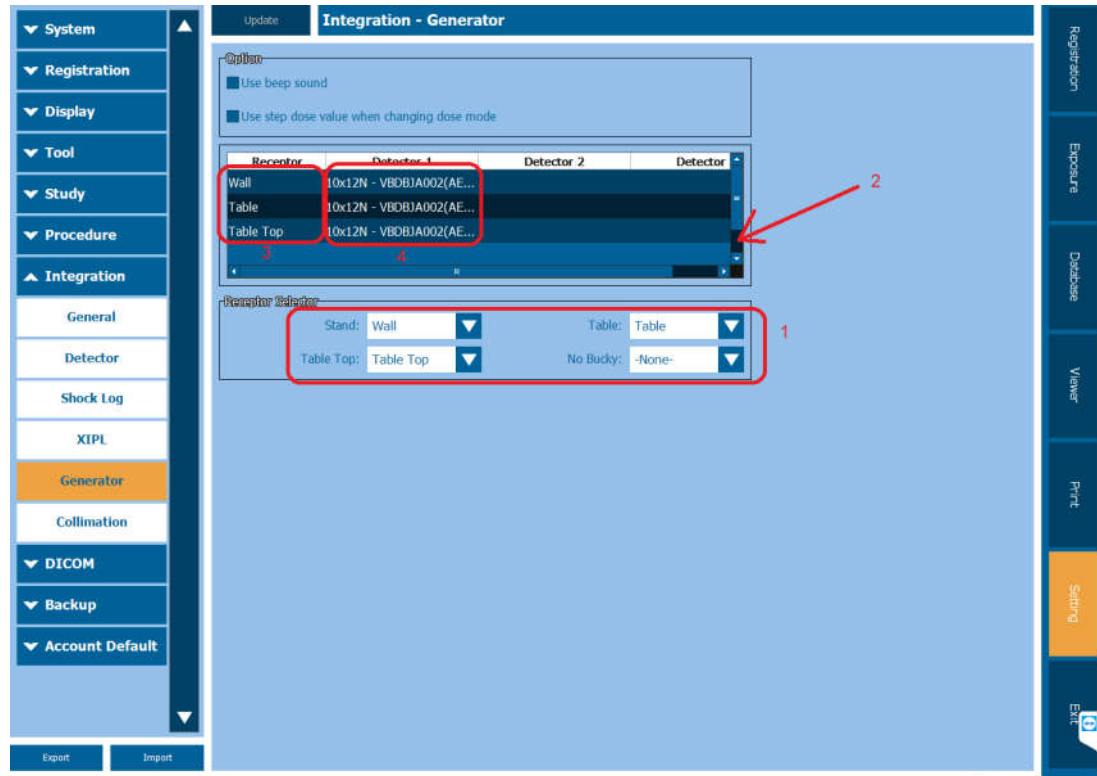
If getting error "Detector [1] is not ready" when trying to run the **VXvue** application, follow steps below:

- The panel box should come with a calibration CD containing the files you need.
- Copy that folder to the PC and then open up **VXSetup**.
- In **VXSetup** you will link the calibration files with the panel and save.
- Close **VXSetup** and try to run **VXvue** application again.

5. Setup your X-ray Room Receptors and Map their Associated DR Panels

- Setup the receptors in the generator (see 12.1 and 10.1 in Summit 08538 Quick Start Guide):
 - If a Table receptor is present, set T RECP (P17) to: GRID (2) or BUCKY (1)
 - If a Table receptor is not present, set T RECP (P17) to: OFF
 - If a Wall receptor is present, set W RECP (P18) to: GRID (2) or BUCKY (1)
 - If a Wall receptor is not present, set W RECP (P18) to: OFF
- Map the DR panels to the receptors:
 - Start **VXvue** and go to Settings → Integration → Generator
 - Receptor Selector → Set **No Bucky: None**
 - Receptor Selector → Set **Table Top: Table Top**
 - If a Table receptor is present, set Receptor Selector → **Table: Table**
 - If a Wall receptor is present, set Receptor Selector → **Stand: Wall**

- Scroll through the window until Wall, Table, Table Top appear in the Receptor column.
- Select the appropriate detector from the pull down in the Detector column.



6. Adjust the AP Technique Table for the X-ray System (Generator and Receptors)

- Go to Setting → Procedure → Procedure Manager → Procedure Manager → Step
- Save the present AP technique table:** Setup Gear → Export Tab → Dots → Select a location and name the file (ex. ProcedureManagerTableOriginal_2021-08-03.xml).
- Adjust the AP technique table** to match the available **generator's** exposure settings (kV/mA/mAs/Focal Spot) to valid options (as specified in the pull-down menus). The non-valid options will be crossed out.

Notes:

- "Not Change" is not recommended for Focal Spot selection. You must choose Large or Small for valid generator operation.
 - Under "Dose Mode" column:
 - Select mAs for non-AEC generators.
 - Select AEC for generators with AEC.
- Option 1:** Go through **ALL** the techniques manually and adjust appropriately.
 - Option 2:** Import the pre-adjusted defaults setup by Summit for their generator line. Setup Gear → Import Tab → Dots → Go to C:\Program Files\Vxvue\GENERATOR\Protocol\ Summit_HF_ML_V170_2023-02-24\XXXmA_YS_ZL_SoftConsole\XXXmA_YS_ZL_AaaDflt_2021-08-03.xml (where **Aaa** is Med, Vet or Chr)

Ex.

Procedure Manager														
Category	Procedure	Stitch Protocol	Step	Bodypart/Projection										
Show All										Search				
Target EI(Ga...	Scatter Correction	Dose Mode	kVp	mAs	mA	Density	Focal Spot	AEC_L	AEC...	AEC...	Collimator...	Collimator...	Collimator...	Collimate
1560	Physical Grid	mAs	90	12.50	300	0	Large	N	N	N	17	17	100	0
1560	Physical Grid	mAs	50	1	100	0	Small	N	N	N	17	17	100	0
372	Physical Grid	Current mode	65	20	160	0	Not Change	N	N	N	17	17	100	0
372	Physical Grid	Current mode	65	12.50	160	0	Not Change	N	N	N	17	17	100	0

- d. **Adjust the AP technique table** to match the available **receptors** to valid options (as specified in the pull-down menu).

Note: Receptor (Table, Stand, TableTop or NO-BUCKY) must be selected under “Detector No” column as shown below.

Procedure Manager											
Category	Procedure	Stitch Protocol	Step	Bodypart/Projection							
Show All										Search	
Patient Size	Detector No	Default	Normal Param	Soft Param	Hard Param	Label	Label Pos	Text	Text Pos	Crop	Shutt
Large	Stand	Normal	Chest AP_nor...	Chest AP_soft...	Chest AP_har...		TopLeft		TopLeft	Auto Crop	
Medium	Stand	Normal	Chest AP_nor...	Chest AP_soft...	Chest AP_har...		TopLeft		TopLeft	Auto Crop	
Small	Stand	Normal	Chest AP_nor...	Chest AP_soft...	Chest AP_har...		TopLeft		TopLeft	Auto Crop	
Pediatric	Stand	Normal	Chest AP_nor...	Chest AP_soft...	Chest AP_har...		TopLeft		TopLeft	Auto Crop	
Large	TableTop	Normal	Chest LA-Obli...	Chest LA-Obli...	Chest LA-Obli...		TopLeft		TopLeft	Auto Crop	

- e. **Save the new AP technique table:** Setup Gear → Export Tab → Dots → Select a location and name the file (ex. ProcedureManagerTableNew_2021-08-03.xml).