



Program changes in version 1178 of the Tafonius software

Version 1178 was produced for release in March 2019 and had the following changes:

1) Correction of an error that occurred when using a Phasein OR+ unit where repeated requests were made to unplug the IRMA unit, wait 5 seconds and retry.

2) Addition of a blue button to control the start and end of a Recording Session. This dedicated small blue button is one of the array of 6 in the middle left of the screen. Initially the button shows "**AR Start**" and once pressed shows "**Finalise Recording**". This mirrors the action of the buttons in the Patient Data --> Logging tab and either use is allowed, with each set of buttons showing the correct update and status

3) Two tick-boxes have been added to the Alt-Z control dialog to control use of the ECG printer and the 3rd Gas option. In both cases, the Tafonius software needs to be restarted before the change takes effect.

4) The function of the FiO2 control alarms has been radically overhauled to prevent incorrect error states occurring when the software is started or if the program runs with the water trap removed. If any of the following conditions is in error then the FiO2 feature is disabled:

- Water trap
- Oxygen level >0% and < 105%
- Solomon USB error
- Manual override
- Low O2 pressure

If the FiO2 feature was in use then the Oxygen button border will flash red, the alarm will sound and the text "**FiO2 Disabled**" will replace "**Oxygen %**". A single click on the Oxygen button will cancel the FiO2 alarm but not the condition. In this state, disabling the FiO2 option will clear all the alarms. Any condition that results in an error state will cause the FGF and FiO2 buttons to be greyed out and the text "**FiO2 Disabled**" will be shown

5) The Temperature alarm will sound in removal of a temperature probe or loss of signal. This causes the border of the Temperature panel to flash red. A single click on this panel will silence the alarm. Subsequent clicks on the panel cause the Temperature attribute panel to be opened in the normal way.



- 6) The minimum FGF setting is now 0.0L/min rather than the 0.1L/min previously.
- 7) A removed water trap or an occluded water trap now results in the message "Water Trap" or "Occlusion" replacing the numbers in the Agent, O2 and CO2 buttons.