## Cygnus 1 Ex – Gauge Firmware Update Instructions.

Issue 4 March 2024

The Cygnus 1 Ex firmware can be easily updated using the Data Port on the rear of the gauge. You will require the following items to update a gauge;

- 1. Cygnus 1 Ex USB Interface & Lead.
- 2. Cygnus 1 Ex Battery with a good level of charge.
- 3. A Windows® computer
- 4. "Cygnus 1 Ex Gauge Updater" utility installer
- 5. The Cygnus 1 Ex firmware update file usually named "Cygnus 1 Ex Firmware (v1.1.1297).zip"

## Instructions

- 1. Install the "Cygnus 1 Ex Gauge Updater" utility on your computer.
- 2. Connect the USB Interface to the Cygnus 1 Gauge.
- 3. Connect the USB Interface to the computer.
- 4. Disconnect any probes from the gauge.
- 5. Turn on the Cygnus 1 Ex gauge and let it start up.
- 6. Start the "Cygnus 1 Ex Gauge Updater" utility
- From the menu-bar, click File -> Open Update File and select the new Cygnus 1 Ex Firmware file.
- 8. You should see a list of files appear as the new firmware is loaded.
- Click Find Gauge, the status should change to
   'Connected' when a gauge is detected. The 'Received' count at the bottom left should now be counting up.
- 10. Click **Start Update** and wait while the files are all transferred to the gauge.
- 11. Click Disconnect.



- 13. Turn the gauge on by pressing the X power key. Now wait while the gauge updates the firmware, this can take a few minutes so be patient. You will see a red warning screen while updating. <u>DO NOT remove the battery or try and force the power off.</u>
- 14. When the gauge finally re-boots an **Update Message** is displayed listing what has been updated, just press the green **v** key to clear this message the gauge has now been updated and is ready for use.
- 15. You can check the firmware version in the Cygnus 1 Ex menu, navigate to **Setup->Gauge Info**.



📥 Cygnus 1 Ex Gauge Updater		-	×
File Edit Help			
Update Details Revision: 1318 Date created: 04/03/2024 08:32:42 Language: en	Update Items bodfogo jag CB_APP_IMAGE bin dicomments bit fort_seat_EN at language_EN bit massed=2026 ta af Numeto 180Est af Numeto 55Ft af		
Gauge Find Gauge Disconnect			
Status: Connected Gauge Type: C1EX Gauge Serial No: 30035	Product SansMBExtAA4.sif Product Sans SBExtAA4.sif QR Code Info txt qr_manual jpg qr_register jpg S2C.pcf		
Update Process File status: Sending file 1 of 27. 43%	T7A.pcf		
Start Update Cancel Update	UB_ÅPP_IMAGE.bin UB_BLDR_IMAGE.bin		
Received: 13			