PowerCore® MPC-20-R2 Software Release

Enovation Controls continues to improve software for the Murphy PowerCore MPC-20-R2 controller. The latest software release (**SW: 2.8.10114; CFG: 2.8.10007**) provides an enhanced user experience with several bugs found and addressed. Enovation Controls will continue to provide enhancements to the controller's software periodically throughout its life cycle. In order to take advantage of the new features in this update on previously purchased units, please download the latest PowerVision for Controllers configuration tool (**2.8.10599**), and load the new firmware including bootloader (**2.8.10032**) into your current controller. This may require additional Murphy equipment such as the MPC-20 USB programming harness or an ECOM communication dongle, which are available for purchase.

This software update provides new features including:

- **Real Time Clock:** Fixed an issue that would not allow setting the correct time past midnight.
- **TSC1:**
    o Fixed an issue in the application code affecting Volvo and Scania start messages.
    o Added Kubota throttle message support.
- **Frequency Input:** Widened the frequency range the controllers are able to support in software allowing as low as a 2Hz input if required.
- **PowerVision Configuration Studio® User Support:**
    o Ignition on/off events added to SysApp in PowerVision Studio. This allows an on/off event to be sent in PowerVision when ignition is turned on or off.
    o Ignition hold on/off actions added. This feature was added in PowerVision Studio to allow for a user to keep the processor on for housekeeping once the ignition input is turned off.
- **Analog.Digital Inputs**: Fixed an issue that popped up when analog to digital inputs set as USER 1 or USER 2. This bug allowed priority of the of the higher value analog to digital input to ignore lower value inputs if the lower became active.

How to Purchase:

Part Number	Description
40-70-0504	PowerCore MPC-20-R2 Controller
40-70-0499	ML2000-R2 Controller Panel
40-70-0500	ML2000-4X-R2 Controller Panel
40-70-0501	ML2000-FP-R2 Controller Panel

Literature:

[MPC-20 Product Page](#)
[ML2000 Product Page](#)