

# Real-Time Deadweight System

## Changes and Enhancements



### V2.0.1.20100209

- Changed the way the Processor Firmware Version routine runs
  - If a version number is not returned by the processor then version 4708 is assumed.
  - The user has the option to Abort/Retry/Ignore
    - If the user Aborts the program returns the communications screen
    - If the user Retries the program attempts to get the processor firmware version again
    - If the user Ignores the program assumes the default of version 4708

### V2.0.1.20091110

- Externalized the values used to calculate different pressure values, KPA, PSI, BAR, etc...
  - This will allow the user to be able to change the values specific to their location.

### V2.0.0.20091021

- This version is x64 compatible.
- Changed program to use API commands instead of AT commands.
- Added ability to receive temperature information from remote unit, if available.
- Added temperature values to the right side of the graph, if available.
- User can select to display pressure, temperature, or both on a graph.
- 2 channels can be displayed on the same graph.
- Readings are already compensated when transmitted (KPAA, KPAG, PSIA, PSIG).
- We no longer download the calibrations from the remote unit, because of compensation.
- User can scan for available modems, no need to enter DH and DL addresses.
- User can stop the scan for modems and display the available units found.
- Added a driver installation package which runs automatically after installing the program, user no longer has to find the driver installation directory and install drivers separately.
- Added the ability for the user to select the colours to use for pressure/temperature for each channel.
- Changed sleep mode on remote modems from SM=2 (Pin Doze) to SM=5 (Cyclic Sleep Remote with Pin Wake-up). This will allow us to bring the remote modem out of sleep mode to pause sampling and set the transmit timing.
- Allow the user to turn ON and OFF the LED display of remote units equipped with this feature.
- Actual dBm value is display, rather than a percentage value.
- Quick View Report using the same colours the user has selected on main graphs.
- When program starts a Master Profile is loaded to the remote modem, so all modems are running the same setup.
- Remote modems must still be removed to update the modem firmware.