

## PDsoft Update Log

For any queries please contact [softwaresupport@matelect.com](mailto:softwaresupport@matelect.com)

### V1.0077

- DCM-2 Bug fix start/stop fixed on charts 17 to 32
- DCM-2 Added check box to allow multiple DCM-2 units to be connected to one copy of PDsoft. The check box in DCM-2 setup must be checked in order to fully control more than one DCM-2 from the same copy of PDsoft.

### V1.0076

- CGM-7 added new feature, allowing the current to be set to 0Amps on a predetermined X0 reading, used to turn off the current when a test has finished, currently only implemented on Chart 1 after a customer request, we are evaluating the efficacy of this feature.

### V1.0072

- DCM-2 bug fix start/stop function corrected

### V1.0071

- DCM-2 bug fix to setting of gain ranges.

### V1.0070

- Added CGM-7 current stabilization tick box to all charts. Setting this item forces PDsoft to wait until the current has reached the set value for the chart (or timeout reached) before proceeding to taking a reading and moving on. Very useful when using scanners.

### V1.0069

- Bug fix of the MCI-1 input module. On certain higher frequency signals the unit could sometimes not capture the peak and timeout, software fixed to avoid this.
- Added ability to copy certain setup items of chart 1 to all remaining charts to speed up setup.

### V1.0068

- Software re-written to control DCM-2 setup parameters. When the user sets up chart1 in pdsoft all subsequent charts are populated with the same values in the following fields; Com port, Coms mode, timeout, load pk-pk & load offset. If the user wishes to have different values in different charts they must deselect 'Copy chart1 DCM-2 parameters to all charts' tick box on the 'setup' tab, this was formerly labeled 'info' tab.
- The software now defaults to saving in the default windows 'documents' folder.
- Pressing 'Record all charts', 'record current chart' or 'test setup' now automatically sets the DCM-2 run mode on all charts. Deselecting any of the aforementioned items deselects the DCM-2 run mode.
- The data text file now only records a coms error at the point it occurred once.
- The ability to set the DCM-2 load input range and offset have been added to the advanced menu of the DCM-2.

### V1.0067

- Added DCM-2 coms mode change, ONLY to change between mode 1 to mode 2. For those with Instron mode software (DCM-2 behaves like a DCM-1) and does not give current or load values, changing to mode 2 allows current and load readings.
- Work was carried out on DCM-2 read VI that makes the software react more quickly to coms errors.

### V1.0066

- Added DCM-2 coms timeout input, allowing user to increase it should they be using very high filtering values or have a very slow load signal. (This should be changed to be automatic according to filter settings, may be amended in the future)
- Stopped PDsoft from reading DCM-2 unless user has pressed 'start/stop' button, this speeds up user setup of the DCM-2.
- The DCM-2 com port, mode number, and timeout set in chart one is now automatically copied to all other charts in PDsoft.
- Adjusted behavior of PDsoft when communication with DCM-2 is lost. It now behaves better.
- Added plot legend to the DCM-2 suite.

#### V1.0065

- Resolved issue that may have stopped MCI-1 from timing out.

#### V1.0064

- Added ability to use DCM-2's with different communication modes, i.e. Mode 1 (Instron mode) units, previously only worked with standard mode 0 units.

#### V1.0063

- NI Device name for MCI-1 now preset to blank, forcing customer to enter valid name.
- Software now auto copies MCI-1 sync data to all charts, meaning customer does not need to set these up individually in each chart.
- Timeout of MCI-1 has been temporarily removed due to customer request, decision may be revisited.
- MCI-1 VI bug fixed that incorrectly handled the use of commas as decimal points.
- When a test is started all charts are now cleared, not just chart 1.

#### V1.0062

- Timing bar fixed for slow machines, max scale not updated correctly on slower machines.
- Headings issue resolved when not using the MCI-1 module.

#### V1.0061

- Timing issue fix confirmed for the CGM-7, now resolved on all other devices, was initially done only for the CGM-7 in version 1.0060

#### V1.0060

- Issue resolved that sometimes enabled formula entry window to use variables from previous read on slow machines.
- Added MCI-1 timeout mechanism allowing PDsoft to continue data gathering after MCI-1 input is steady for a prolonged period of time. As happens at the end of a test.
- Added recording of MCI-1 voltage at reading point to the CGM-7 data set.
- Looked into issue that seemed to show timings were incorrect when PDsoft was used on slow machines. Amendments made to software on the CGM-7 device only, fix to be confirmed.

#### V1.0058

- MCI-1 device support added