**MOTORTECH**®

■ Product Update

# PowerView3 — HMI Module

## New Software – Release 1.6.0

**PowerView3**
MOTORTECH ENGINE INFORMATION MONITOR

As of now all PowerView3 HMI modules are delivered by MOTORTECH with software version 1.6.0.

To update a PowerView3, read chapter Software Updates in the latest version of the operating manual. When updating the software, regard the version of the board support package (BSP). In your PowerView3, it is displayed in the *Display Information* view.

### Download

The new PowerView3 software and the latest operating manual can be downloaded at the following link (128 MB):

https://www.motortech.de/fileadmin/user_upload/data/MOTORTECH-SoftwarePackage-PowerView3-FW-1-6-0.zip

## New Functions and Modifications

### Release 1.6.0 – 2018/07/27
#### General
■ Update: Online help

### Release 1.5.00004 – 2018/06/04
#### DetCon2/16/20
■ New: In the *Preferences* view, the firing order must now be specified in accordance with the wired firing order at the DetCon, so that in the PowerView3 the detonation sensors are displayed again in cylinder sequence.
■ New: For entering the firing order, a backspace key has been added to the input window.

### Release 1.5.00003 – 2018/03/06
#### MIC3/3+
■ Bugfix: An error was fixed that led to incorrect runtime adjustments in applications with two output banks.

### Release 1.5.00002 – 2018/02/26
#### General
■ Bugfix: An error was fixed which in certain cases led to errors when loading the configuration file.
■ Bugfix: An error was fixed that led to the suppression of the activation code and device connection message boxes when pop-ups were deactivated.

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| Customers / others | Yes |
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### Release 1.5.00001 – 2018/02/14

#### General

- ■ New: Installation program for software updates instead of a script
- ■ Update: Online help
- ■ New: A dialog instead of a view is now used to indicate that devices are not connected to the PowerView3.

#### DetCon2/16/20

- ■ Bugfix: An error was fixed that caused the cylinder colors in the legend of the *Knocking Intensity* view to no longer be displayed.

### Release 1.5.0 – 2017/10/10

#### General

- ■ Bugfix: An error was fixed due to which the screen saver's timer could not be set.
- ■ New: Saving and loading PowerView3 configurations
- ■ New: A slide show can be set as screen saver.
- ■ New: RAM and flash size added to PDF printing ("Print to PDF File")
- ■ Update: When printing a PDF ("Print to PDF File"), a number is now appended to the file name.
  Files are no longer overwritten.
- ■ Update of the *Device Setup* view
- ■ Update of the *Display Configuration* view
- ■ Update: Color scheme added for device status display
- ■ New: When adding and editing devices, a symbol indicates whether the device type is activated.
- ■ New: In the *Device Setup* view, a demo mode can be activated and deactivated by pressing the view name in the header. In demo mode, it is possible to access the device-specific pages without the device being connected.
- ■ Bugfix: An error was fixed that caused the *Alert* button to not display the alarm status correctly when the device is started.
- ■ Update: The length of the trend charts has been increased from the last minute to the last two minutes (default).
- ■ Update: Node startup revised
- ■ New: Status logging of CAN driver added
- ■ New: The touchscreen can now be recalibrated with a USB flash drive.
- ■ New: Software updates are now split into binary data (bin) and documentation (doc).

#### DetCon2/16/20

- ■ Bugfix: The device-specific views of the DetCon could be accessed without any connection.

#### MIC3/3+, MIC4/4+, MIC5/5+

- ■ New: View *Cylinder Individual Offset* added for setting cylinder individual offsets
- ■ Update: All angular values reduced to one decimal place
- ■ Bugfix: Heartbeat (CANopen®) is set first in order to avoid double assignment of node numbers.

#### MIC5/5+

- ■ Bugfix: Mapping of energy values corrected

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### TempScan20
- ■ New: All thermocouple types can now be configured on one page in the *Thermocouples* view.
- ■ Bugfix: All PDOs (CANopen®) are now configured.
- ■ Update: Temperature update cycle extended to 5 seconds
- ■ Update: The length of the trend charts has been increased from the last minute to the last ten minutes (default).

### Release 1.3.99901 – 2016/03/01
#### General
- ■ Update: Online help
- ■ New: Repetitions reduced in the *Event Log* view
- ■ New: *Event Log* view optimized
- ■ New: Polish user interface added

#### TempScan20
- ■ New: TempScan20 configuration added to PDF printing ("Print to PDF File")
- ■ New: Views *Status* and *Reference Junction* added for displaying internal data

### Release 1.4.0 – 2015/12/01
#### General
- ■ New: Updates are now logged.
- ■ New: Creating of PDF documents ("Print to PDF File") on USB flash drive or SD card with information about display configuration, connected devices, an event list, and an update log in the *Display Configuration* view.
- ■ New: Virtual keyboard with automatic case shifting added
- ■ New: Changes to the access level are logged in the *Event Log* view.
- ■ New: Status displays for the binary outputs in the *Device Setup* view added
- ■ New: Test dialog for the binary outputs in the *Device Setup* view added
- ■ New: After inserting an SD card, data recording starts automatically.
- ■ Bugfix: Timeout error in touchscreen calibration fixed
- ■ New: Quick display with filter function for events added
- ■ New: Quick display with filter function for recorded files added

#### MIC3/3+, MIC4/4+, MIC5/5+
- ■ New: MIC3+/4+/5+ added
- ■ Bugfix: Error when resetting the operating hours fixed

#### DetCon2/16/20
- ■ Bugfix: In the sensor order, it is no longer possible to enter sensors twice.
#### TempScan20
- ■ New: TempScan20 added

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### Release 1.0.6 – 2015/02/02
#### MIC3/4/5
- ■ Bugfix: Assignment of cylinder names during the recording of runtime data has been corrected.

### Release 1.0.5 – 2015/02/02
#### MIC3/4/5
- ■ Bugfix: Assignment of cylinder names has been corrected.

### Release 1.0.4 – 2014/10/07
#### General
- ■ Bugfix: Small errors that were responsible for occasional crashes of the software have been fixed.
#### MIC3/4/5
- ■ Bugfix: Window for the trend of the firing angle has been corrected.
- ■ Bugfix: A problem with the MIC configuration that led to difficulties during startup has been fixed.

### Release 1.0.3 – 2014/08/04
#### General
- ■ Bugfix: A problem in the device configuration has been fixed.
- ■ Bugfix: A problem with the time zones has been fixed.
- ■ Bugfix: A problem with the handling of the date and the hardware clock in BSP 1.41.0 has been fixed.

### Release 1.0.2 – 2014/07/31
#### General
- ■ Bugfix: A problem with the device configuration that could cause occasional crashes when the node ID was changed has been fixed.

### Release 1.0.1 – 2014/07/29
#### MIC3/4/5
- ■ Bugfix: A problem with the recording of runtime data has been fixed.
#### DetCon2/16/20
- ■ Bugfix: A problem with the recording of runtime data has been fixed.

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