Release notes

HW4 Software Version 3.3.0

Change control

HW4 version 3.3.0 (validated & not validated version) includes all the functions and features of HW4 version 3.2.0 with the following modifications and additions:

Enhancements:

Devices

o   Software version is ready for use with the new ROTRONIC low dew point probe.

New features

o   **HW4-Lite**

HW4-Lite supports up to three connected HC2-WIN-USB devices or three HL-20 data loggers. Measurements are observed simultaneously on a PC.

o   **Alarm visualization (for all versions of HW4)**

Alarms are indicated visually with different colors depending on their priority.
Default settings:

- Priority 1 – red
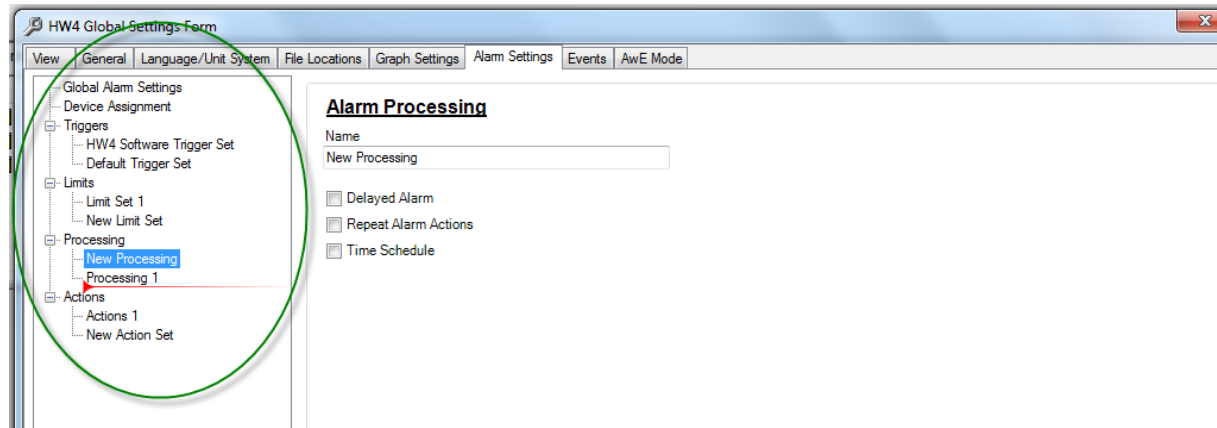- Priority 2 – orange
- Priority 3 – yellow

The default colors can be changed by the user.

o   **Search function for alarm table (for all versions of HW4)**

- Enables alarm search by text.
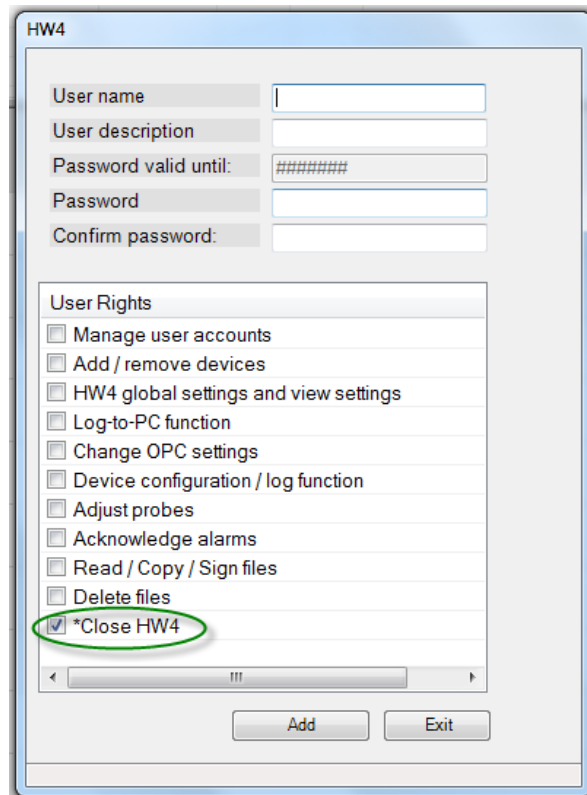- Enables alarm search by date.

- o **Alarm overview in Global Settings (for all versions of HW4)**

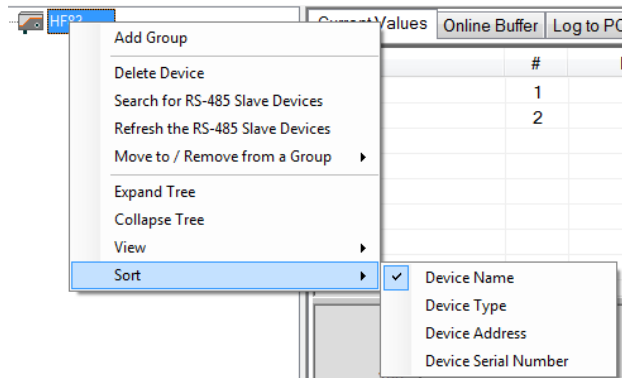 Alarms can be organized by "drag & drop" in global alarm settings.

- o **Shutdown protection (for all versions of HW4)**

  User rights for HW4 shutdown can be set within User Management. If enabled, a password is required to close HW4 software.
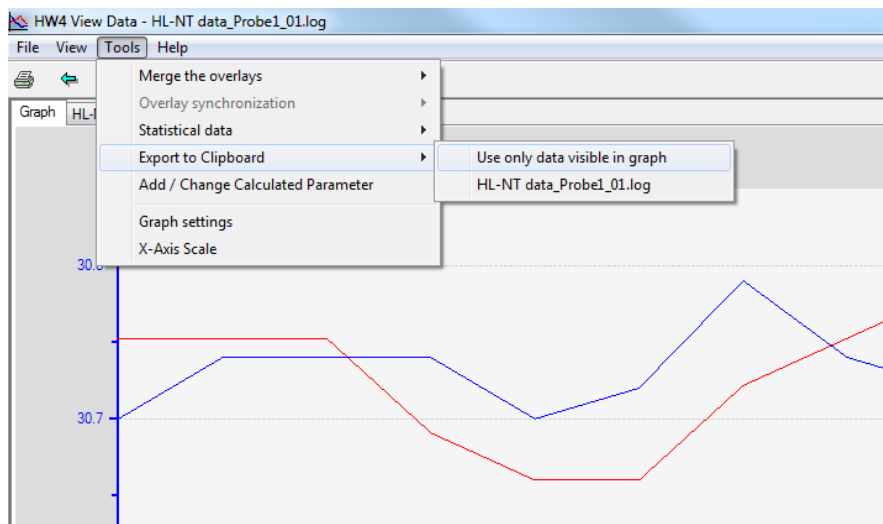
o **Sorting of devices in groups and subgroups (for all versions of HW4)**

Devices in subgroups can be created and organized by device name, address, type or description.

o **Export of PC screen visible data for .LOG files (for all versions of HW4)**

HW4 allows the direct export of currently visible data to the Clipboard, the data can then be pasted into a .xls (Excel) file.

o **Temperature adjustment of wireless loggers (for all versions of HW4)**

(LOG-PT1000-RC / LOG-PT1000-RC-US / LOG-PT1000-ET030-RC / LOG-PT1000-30-RC-US)

The Pt100 temperature sensor can be adjusted using HW4 software.

Bugs fixed:

- o **SMS alarm**

  Device name is included in the text message.

- o **E-mail alarm**

  SSL server can be used for e-mail alarming.

- o When Group Adjustment is used the protocol will be saved in the correct directory.

Known bugs:

- o **Wireless data loggers:** The device "low alarm" limit for temperature can't be changed. Enabling / disabling is possible.

  Affected devices: all types of LOG-HC2-xx-RC and LOG-PT1000-xx-RC

  Workarounds:

  - Use HW4 v3.2.1 or v3.2.0 in the application.
  - Use HW4 v3.2.1 or v3.2.0 to change the "low alarm" limit and use v3.3.0 for monitoring.
  - Instead of the device alarm use software alarms for monitoring (Online Monitoring is not recommended due to battery lifetime). Software alarm limits in local logger files will not be displayed.

Notes:

- o none

Windows Compliance:

- o Windows XP (32 & 64-bit), Windows Vista (32 & 64-bit),
  Windows 7 (32 & 64-bit), Windows 8 (32 & 64-bit)