HW4 software

Software Version 3.2

Change control

HW4 version 3.2.0 includes all the functions and features of HW4 version 3.1.0 with the following modifications and additions:

Windows 8

HW4 works with WIN8 but the driver signature enforcement must be disabled.

Enhancements:

Devices
- HF1
- CP11

New features

- **Device Configuration Tool for devices not based on the HygroClip technology**
  In the main menu bar of HW4, the menu item Settings and Tools gives access to a new item named Device Configuration Tool.
  The Device Configuration Tool is used to configure a number of devices that are not based on the HygroClip technology and do not appear in the HW4 Device Tree. Such devices include but are not limited to the HF1 transmitter, the CP11 indicator, etc. Depending on the device, the tool also gives access to functions such as adjustment, data recording, etc.

- **Custom calculations with the HF8 transmitter**
  Device Manager for the HF8 transmitter now allows the user to define up to two custom calculations based on measured values such as relative humidity or on calculated parameters such as the dew point. Custom calculations are constantly updated by the HF8 and can be shown on the local display and / or displayed on the monitor of a PC running the HW4 software.
  A custom calculation can be associated with any of the HF8 inputs. When associated with an input, the custom calculation can be associated with any of the HF8 analog outputs. The user can also define low and high limits for a custom calculation and use these limits to generate an alarm and to energize a relay.

- **Water activity measurement**
  Water activity probes such as the HC2-AW-USB can now be put within a group to the purpose of making simultaneous measurements with several probes without having to switch from one probe to the other.
  The AwQuick Mode / AwE Mode tab located in the right pane of the HW4 main screen has been entirely reworked. The form displayed by this tab allows the user to enter a batch number, a product name and comments. This information will appear in the measurement report.
  The water activity measurement report can now be signed by the user. A signed report cannot be modified.

- **Acknowledgement of Alarms**
  When acknowledging an alarm, the user has the option of entering an "acknowledgement text" or comment. As a means of facilitating the entry of repetitious comments, the different texts entered by the user are retained by HW4 and are presented as a list from which the user can choose.

- **Time Change Event**
  HW4 now makes an entry in the User Events file whenever the PC time clock is changed by more than 5 minutes while HW4 is running.

- **Adding or Removing a Device from a Group:**
  As with previous versions of HW4 professional devices can be dragged with the mouse into a group or dragged out of a group (assuming that at least one group has been created prior to this). HW4 v. 3.1.0 offers the additional option of using the device menu to do the same. To open this menu, select the device with the mouse and right click.

- **Automatic download to the HW4 PC of logger data files**
  The automatic download to the HW4 PC of logger data files was previously only available with the HL-NT data logger series. This function is now also available with the LOG RC wireless data logger series.
  HW4 View Data

- **HW4 View Data**
  Can be used to open a file consisting of recorded data and can also be used print a graph. Additional information such as Process Name, Device Name, etc. can now be printed on the same page as the graph. This information can be selected in HW4 Global Settings > Graph Settings Tab.

- **OPC Tags (HW4 Professional with OPC Server)**
  The OPC Tags are now compatible with 64-bit systems

Bugs fixed:

- Correct indication of the HTS3 transmitter in the product tree

- HL20: "**Display always on" button** exists now in the device manager

- HL20 log files are no longer editable

- Context windows under win7 are sometimes cut, this will no longer happen

- Alarm email: Sender now changeable

Known bugs:

- none

Notes:

Windows Compliance:

- Windows XP, Windows Vista, Windows 7 64 bit, Windows 8