

## Software update (device software)

The following is required for updating the device software (firmware):

- Sensor or controller with voltage supply
- Bluetooth connection, VEGACONNECT 4, USB/LAN connection (depending on device type)
- PC with PACTware and corresponding DTM
- Current device software (zip file)

### Caution:

Devices with approvals may be bound to certain software versions. Therefore, make sure that the approval remains effective in case of a software update.

Detailed information can be found on our homepage [www.vega.com](http://www.vega.com).

### Download device software

Enter the device type in the search function of the download area and select the *"Software"* button from the search results. Search for the entry *"Software - Device software (Firmware)"* and download the file to your PC via the *"Software"* button. The zip file does not have to be unpacked.

### Prepare update

Connect the device to be updated to the power supply and, if necessary, VEGACONNECT or a LAN/USB cable. Start PACTware via the project assistant and establish a connection to the device. The parameter window of the DTM is opened automatically and the data are read out from the device.

### Create backup

Depending on the device, a factory reset may be carried out automatically after the software update. In this case, all individual settings of the device are lost. We therefore strongly recommend that you create a backup before updating the software. You will find the backup function in the toolbar bar of the DTM under the menu item *"Options"*.

### Transfer software to the device

After creating the backup, close the parameter window of the DTM. In the project tree, right-click on the sensor or controller and select *"Additional functions - Software update"* in the context menu that appears. PACTware now checks the device data and displays the current hardware and software version of the device.

You can select the previously downloaded zip file via the *"Select"* button. After automatic checking of the ZIP file, you can start the update by pressing the *"Finish"* button.

The software update can take up to 20 minutes depending on the device and the connection type. Finally, the message *"Software update successfully executed"* is displayed.

### Restore backup

If a reset to factory settings has been carried out, you must restore the previously created backup. You will find this function in the same place as the backup creation.

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