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## Information on Avelour software and firmware version evolutions

### **Avelour 7.4.4 (03/10/2026)** - the latest software version

Fixes:

- Fixed the opening of the FTP remote configuration upload window
- Fixed the initial index being taken into account in the '4 Digital Inputs' measurement, counting mode permitted

### **Avelour 7.4.3 (02/09/2026)**

Fixes:

- Correction of remote FTP configuration
- Fixed support for the <Space> character in passwords. This character is no longer permitted

### **Avelour 7.4.2 (02/03/2026)**

Version 7.4.2 of Avelour introduces several significant updates and improvements to optimize the performance and compatibility of your devices. Among the new features:

- Cybersecurity
  - The use of a password to protect access to data and recorder settings is now mandatory in order to comply with current regulations
  - Ability to use both a root certificate and an intermediate certificate for TLS encrypted communications
  - Ability to configure and issue a CSR file to use a client certificate for mTLS data security
- Integration of data sending structure for Almaviva
- LoRaWAN: restoration of weekly reset period
- MQTT protocol improvements with new Topic format support, client configuration and corrected error messages
- Ability to remotely update a configuration or Firmware over HTTP(S) or MQTT(S) protocol
- Wired overflow templates improvements with CSC V4 capacitive values retrieval on V3 loggers



- Removal of “Weekly” and “Monthly” period choices for measurements and sending English translation of the reference Excel file for Venturi flowmeters
- Firmwares 22.12 et 23.12: updates required for certificate management enabling TLS and mTLS communication, ability to choose between MQTT5 and MQTT3.1.1 protocols, updates and fixes related to software evolutions

### **Avelour 7.3 (05/13/2025)**

Version 7.3 of the configuration software Avelour introduces several significant updates and improvements to optimize the performance and compatibility of your devices. Among the new features:

- New Firmware available for update (**LoRa** communication, **MQTT(S)** communication...)
- Wired display: Force a measurement when the wake-up push button is pressed
- Modification of default parameters for radar calibration (LNR): automatic scale active, gain at 20%, and maximum integration
- Possibility to add a password to protect access to data and logger configuration
- Added **MQTT(S) communication protocol**
- Possibility to modify configuration remotely or update Firmware remotely via **FTP(S)** even if the communication protocol used to send data is **HTTP(S)** or **MQTT(S)**
- On LOGAZ, issue with recording high state change
- For V3 range, resolved SMS sending blockage for data transmission

### **Avelour 7.2.0 (10/18/2024)**

Version 7.2 of Avelour introduces several significant updates and improvements to optimize the performance and compatibility of your devices. Among the new features:

- Remote update: You can now remotely update the firmware of your devices, making it easier to manage and deploy new features.
- Extended compatibility: Added compatibility with HTTPS and LoRa (868Mhz) protocols, as well as the option to use the internal cellular antenna for LNR Radar loggers.
- Ability to force an operator when using a multi-operator SIM card.
- Language updates: Available languages have been updated for a better user experience.



### **Avelour 7.1.2 (01/15/2024)**

- BUG : Fixed logger connection problem

### **Avelour 7.1.1 (11/01/2023)**

- UPG : Support for BLUE and BLUE-LP loggers, dedicated to drinking water network diagnostic
- UPG : New data visualization chart
- UPG : New documentation
- UPG : New Modbus Master template
- UPG : New templates : Modbus flowmeter and Radar water level + wired overflow detector
- UPG : Reorganization of the sending block
- BUG : Many bug fixes
- New Firmware for radar water level sensor, and Blue loggers

### **Avelour 7.0.3 (07/10/2023)**

UPG : Silent install mode added

### **Avelour 7.0.2 (04/15/2023)**

- UPG : Addition of a daily diagnosis (battery voltage and gauge) for non-communicating loggers.
- UPG : Increase of alert for the date of the last H2S gas cartridge calibration from 6 months to 1 year.
- UPG : Decrease in the default number of debugging echoes recorded from 50 to 10.
- UPG : Alert via a display on Avelour if the measurement frequency of an Ubertone sensor is set to a value lower than one minute with power from the internal logger battery.



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- UPG : Removal of the “force a measurement” option for applications where this button is non-functional (applications with an external measurement in addition to an internal measurement).
  - UPG : Modification of the RSSI quality display.
  - BUG : Correction of a problem if the SMS ID is greater than 255.
  - BUG : Correction of a problem with the display of the data send block summary in Italian.
  - BUG : Correction of a problem with updating RSSI quality in radio communication in case of signal loss.