RELEASE NOTE

Release Note

iQunet Software Versions 1.10.x

RELEASE NOTE

Update log

Version 1.10.6 - December 2023

Features

You can now:

- Browse the **OPC UA address space** in the OPC-UA browser panel within the iQunet Sensor Dashboard.

Version 1.10.5 – November 2023

Improvements

- A feature tailored to a specific customer has been incorporated.

Version 1.10.4 – November 2023

Improvements

- The MikroTik/RouterOS **gateways** can now be enabled for automatic restart in the event of a dropped mobile connection.

Version 1.10.3 – November 2023

Improvements

- The **ADC offset** has been recalibrated.

Version 1.10.2 – November 2023

Fixed issues

- The issue in the **communication** between the iQunet Server and the Sensor Dashboard has been resolved.

Version 1.10.1 - October 2023

Features

You can now:

- Use the Sensor Dashboard in combination with many **LoRaWAN sensors** (CO2, pressure, humidity, etc.). The system automatically identifies the hardware type of the sensor, leading to the automatic population of the Sensor Dashboard and OPC UA.
- Use the **LoRaWAN SX1302 transceiver** instead of the iQunet Base Station. This transceiver is compatible with both your LoRaWAN and iQunet sensors.
- Browse and read the **device tree** in GraphQL, mirroring the functionality in OPC UA.

Improvements

- The complete frontend has been refactored to **React functional components** instead of JQuery.
- The **Google Sheets export module** has been updated to the latest version of the Google API.

RELEASE NOTE

- The Sensor Dashboard is now buffered locally in the browser to enhance the **loading times of the Sensor Dashboard**.
- Backend preparations have been made for the transitioning to the new **GIL-free Python** environment.
- The **OPC UA backend** has been upgraded to fully leverage the capabilities of the asynchronous framework.
- Every value written in the **OPC UA database** is now subjected to range checking. Any invalid user inputs are rejected, and erroneous measurements are appropriately flagged.
- Preparations have been made in GraphQL to enable the programmatical bulk manipulation of **sensor settings**.

Related Documents

- iQunet 1.10.x Software User Manual-D1559-en-CUST-231204
- iQunet OPC UA User Manual-D1042-en-CUST-220906