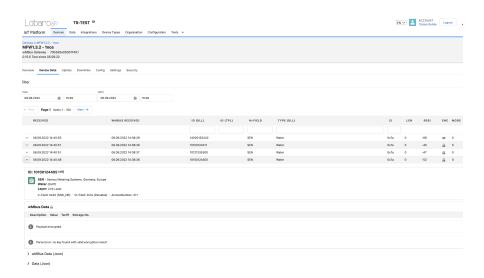
Lobaro IoT Platform

The Lobaro IoT Platform operates as a **Head End System for IoT Devices**. The Platform is optimized for but not limited to handle Lobaro devices.

- Public Lobaro instance: platform.lobaro.com
- For On-Premise hosting check out Hosting & Licensing

The documentation will always reference the Public Lobaro instance.



Features

- Multi tenant (Organisations) with branding / white labeling
- IoT Device Management
- Support for all Lobaro Devices
- Possibility to integrate 3rd party IoT Devices (LoRaWAN, NB-IoT, ...)
- Device configuration
- Firmware updates
- Data parsing and persistence
- Device protocolls:
 - LoRaWAN Network Server
 - ° CoAP
 - ° HTTP
 - Manufacturer specifics
- · Connect devices via:
 - LoRaWAN
 - O NB-IoT
 - ° LTE-M
 - GSM / LTE
 - o etc.
- APIs to access or forward data to Use-Case specific applications

We offer free access to the platform for tests and integrations (up to 12 Month) with the purchase of any Lobaro device in our shared instance. In addition we offer private instance hosting or On-Premise (any Server with Root access).

Overview



You can find your organisations name next to the Logo. Admins can change their organisation by clicking the small Icon next to it.

- Devices: Manage all devices of your organisation.
- Data: See incoming data of all your devices.

- Integrations: Manage data connections to and from other applications. (See: Integrations).
- Organisation: Manage all organisation related data.
 Configuration: Platform administration of global entities independent of the Organisation (Admins only).
- Tools: wMbus Parser and Hardware Activation.

The platform shows device data received via various data sources like LoRaWAN, NB.IoT, GSM, etc..

The connection to a device in handled by a Datasource. Incoming data is mapped to a matching Device. Raw data is saved as Uplink Message. The Uplink Message gets processed by a Parser. The result of the parser is saved as Device Data used for visualization inside the dashboard and in outgoing API's.

