SD card

mini USB

SIM card

Ext. power
Network
GGNS fix
STATUS
Sending data
Charging
Lum sensor

Rombo 3

ROMBO III

Be in total control

Total control with Rombo. This *multi*-use-case IoT device is able to monitor most of the cases you can think of. Measuring the conditions of a battery condition, broken cables, digital and analogue signals, temperature and light intensity.
Besides just reading information, Rombo is also able to switch his 2 onboard relays.

Even though a lot of use cases can be covered with the onboard equipment, sometimes more specific monitoring is needed. Therefore Rombo has the possibility to connect *I2C* or *Current Loop* sensors to create an unlimited amount of possibilities.

Use Case - Battery Monitoring:

In areas where construction and maintenance takes place, warning signs with proper lighting is required to inform passing traffic. It's important the lights remain visible though this is not always the case due to defect cables, broken light bulbs or empty batteries.

Rombo can measure the current to check if the bulb still works and the battery's voltage to get informed once it's almost depleted.

This does not only make sure that important activities don't get interrupted, but also provide 24/7 control over the things which are important.

ROMBO III

Radio Technology	LTE-M | NB-IOT	LEDs	Green (external Power) Green (Location Fix) Green (Network Connection) Yellow (LiPo Charging) Green/Red (Status)
Radio Bands	1*, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 25, 26*, 28		
Enclosure	DIN-Rail 6 modules	External Sensors	I2C | 4-20mA current loop
Power Supply	8V-42V DC | 230V AC	Power Consumption	0.25W at 230V AC
Temperature Sensor	-20 - 65°C	Payload protocol	IPSO
Light Sensor	0-20 uV index | max. 128 klx | 100mlx precession	Send Interval	1x per hour | on event
Voltage Sensor	0 - 60V	Terminal Connectors	4x 8A 1.5mm for the digital input 2x 16A 1.5mm2 for the relays 2x 16A 2.5mm2 for the battery under test 1x 16A 1.5mm2 for the mains
Current Sensor	0 - 6A		
Inputs	4x galvanically isolated | configurable NC/NO		
Outputs	2x latching relay | 8A | 250VAC CPDT		
Operating Temperature	-20°C - +65°C	Location	GGNS
LiPo Back-up Battery	Li-ion 500mAh	Dimensions	107.60mm x 89.70mm x 60.70mm

AnyWare Insight

Insight is an application intended to provide insight in your assets. It's the starting point of Asset Management. Whether your assets are smart or still need to get connected , Insight provides flexible overviews to quickly provide you with all the information you need

Insight allows you to show all relevant asset information in 1 place. It allows you to perform in-depth analysis of your data but also provides clear and simple overviews.

Dashboard functionality allows users to create asset overviews to their needs and show it full screen in for instance a control room or video wall.

Some of the main features are:

- View actual and historical sensor data

- Detailed Asset information like IDs, customers, suppliers and custom fields

- Location based information

- Data correlation between multiple assets and multiple sensors

- Monitoring of assets

- Alarms and notifications

- Rule based actions (If-this-then-that)

- Custom Dashboards

- Custom data calculations

CRM Sim 01 ✕

Asset details ⧉

Name: CRM Sim 01
Company Asset ID: CRM Sim 1
Last Update: 20.10.2020 16:26:31
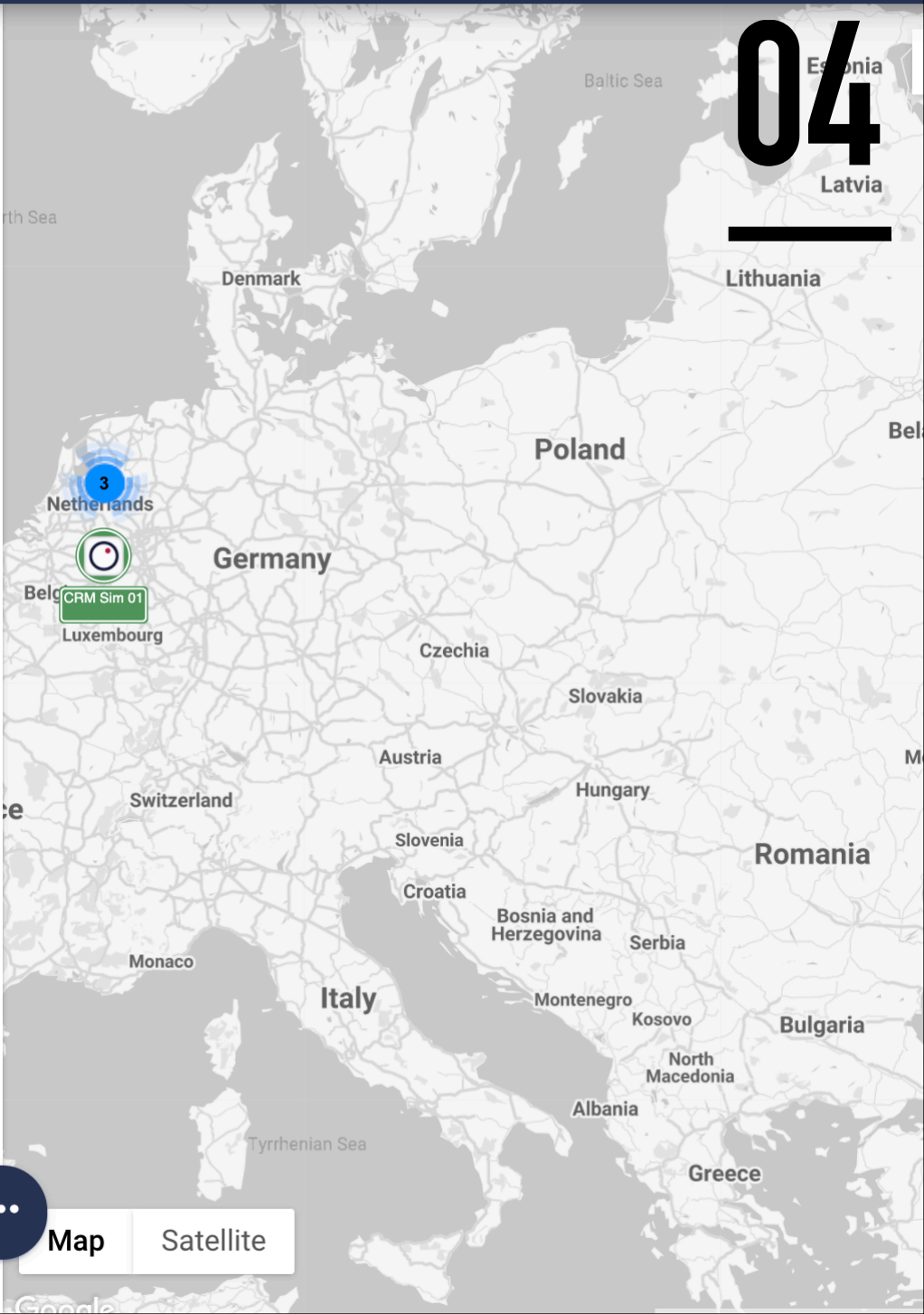
⚪ Asset track & trace

Tags

➕ add tag

Sensors

🌡️	External Temperature	-1
🌡️	Internal Temperature	23
🧊	Accelerometer	0	X Value	132
🧊	Accelerometer	0	Y Value	155
🧊	Accelerometer	0	Z Value	-36

04

CRM Sim 01

Map   Satellite