SARA IOT

SARA IoT is the SARA + platform's system developed to analyze indoor parameters. Based on a network of IoT sensors of our production and on LoRaWAN technology, the system allows to monitor a wide range of environmental parameters, ensuring efficiency, energy saving, low costs and reduced need for maintenance.

FEATURES

- Based on Iot LoRa technology
- Customizable software
- Dashboard and 3D interface
- Small size modular sensors
- Easily integrates with third-party systems

POSSIBLE APPLICATIONS

ENVIRONMENTAL MONITORING (INDOOR & OUTDOOR)

air quality (CO2, PM, NOx, VOC...)
temperature, humidity
noise

SMART LIGHTING

light - dimming control
light status

WASTE MANAGEMENT

know the level of filling of the bins to organize waste collection

PASSENGER FLOW

passenger flow in a specific are in real-time

SMART TRACKERS

tracking of movable objects

SMART METERING

energy consumption
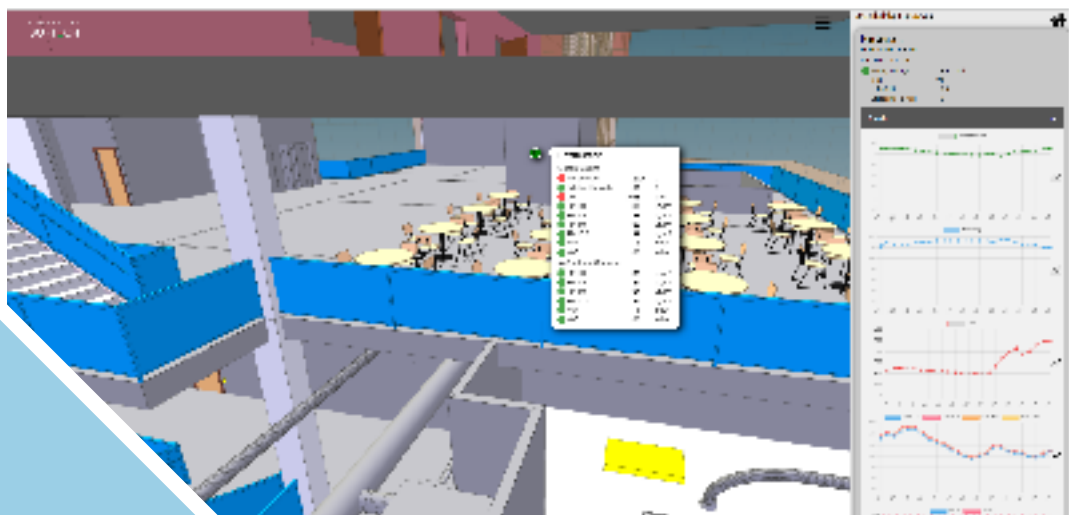fluid control and measurement

SMART PARKING

SMART SAFETY

monitoring opening/closing gates, doors, fences, etc...

SARA

AETHER
IOT SENSORS

Aether is the new range of IoT sensors developed by Softech for monitoring and analyzing indoor environmental conditions. Designed to be customer friendly, it ensures ease of installation, reduced maintenance and long life

STANDARD MODELS

Aether is a range of modular smart sensors: in addition to modifying their characteristics according to need, it is possible to add/remove specific analyzers to each of the standard models below

Name	Compunds measured	Power	Usage contexts
Aether mod S	• CO2 • Humidity • Temperature	Battery (>2 years*) USB C	Offices Waiting rooms
Aether mod S+	• CO2 • Humidity • Temperature • PIR • Light • Noise	Battery (>2 years*) USB C	Offices Waiting rooms
Aether complex	• CO2 • Humidity • Temperature • PIR • Light • Noise • VOC • NOx	Battery (**) USB C	Offices Waiting rooms
Aether extensive	• CO2 • Humidity • Temperature • PIR • Light • Noise • VOC • NOx • PM (1.0, 2.5, 4.0, 10.0)	Battery (**) USB C	Offices Waiting rooms
Aether scent	• NH3 • H2S • Humidity • Temperature • PIR • Light	Battery (>2 years*) USB C	Restrooms (or near them)