

ThingPark IoT Solutions



Indoor Air Quality Monitoring

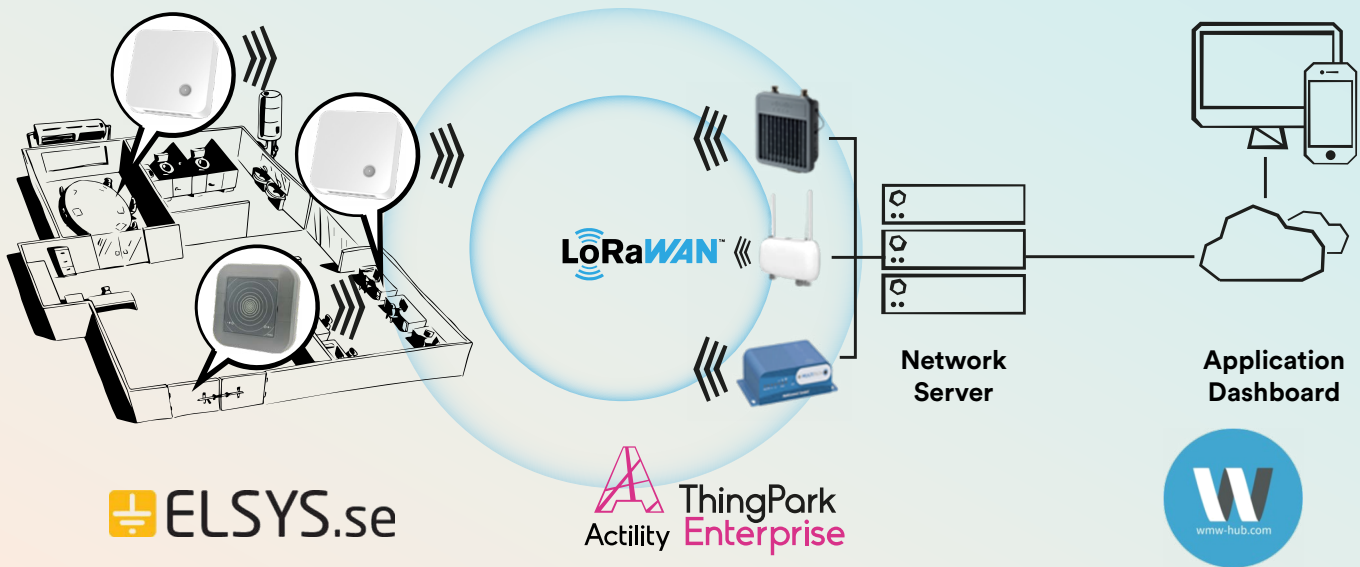
The turnkey IoT solution to monitor your IAQ 24/7.

This Indoor Air Quality Monitoring Solution allows to **control and monitor in real time the concentration of CO2, temperature, humidity, light and people's presence** in order to create **safer and healthier indoor environments, to protect employees, workers or students**, and to meet air quality regulations levels. This evaluation starter kit provides you with the required hardware, software and connectivity service **to assess this integrated plug-and-play solution.**



Actility

Monitor your indoor areas with LoRaWAN® to ensure their occupants' safety, health, and wellbeing!

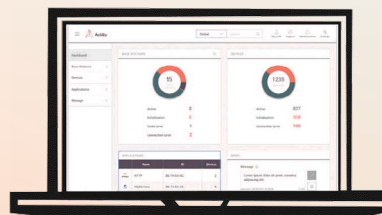


ERS CO2 IoT sensor by ELSYS.se



This smart LoRaWAN® device measures CO2 level, temperature, humidity, and luminosity of an indoor environment. As well, it detects motion with a Passive Infrared (PIR) sensor to monitor people flow. Easy to configure and to mount on walls anywhere.

ThingPark Enterprise LoRaWAN® connectivity infrastructure by Activity



Dependable connectivity infrastructure with a proficient UX to easily build a LoRaWAN® network, Cloud-based or On Premises, using pre-integrated high-end Base Stations & an advanced Activity Network Server with dashboards providing key operational insights on the network & alarm management.

WMW Hub Application for data processing and analysis



One single centric HMI/UI application dashboard acting as an end-to-end central control unit for managing the plant operations. Data is available real-time and user-role management, report generation, rules and alerts can be customized as per the requirements.

Parametric



Package Bonus: the kit also includes 1 Parametric PCR2 sensor allowing directional people counting (left/right), mounted sidwise or overhead to detect people passing by.



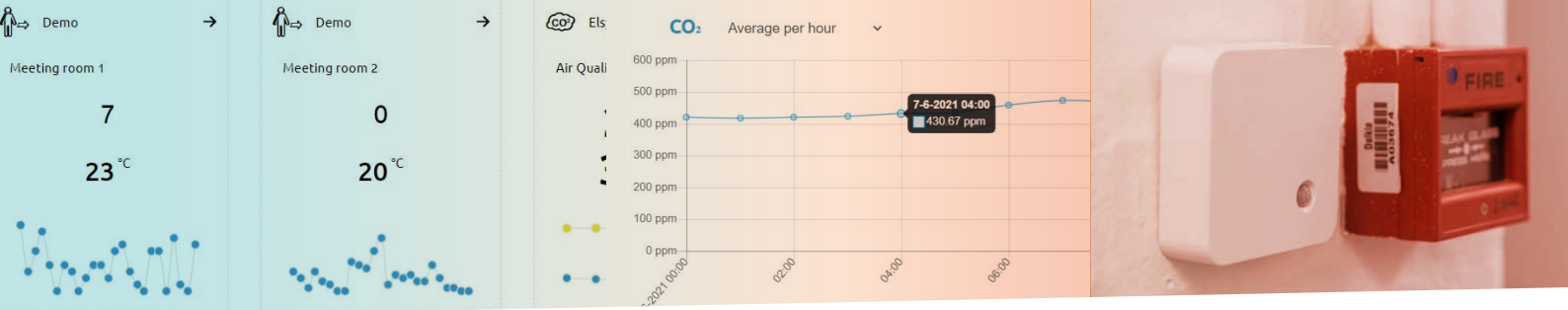
Measure the indoor concentration of CO2, temperature, humidity, and light in an automatic manner and in real-time.



Get automatic mitigation actions based on people's presence and flows.



Reduce the spread of COVID-19, by restoring the indoor air quality based on alerts



Key features:



Versatility: Enjoy a solution proving you 6 parameters at once: CO2 level, temperature, humidity, luminosity, motion and directional counting!



Adaptability: User can configure both sampling mode and transmission schedule. Configurable via Downlink or NFC Android cell phone application configuration.



Low-Power: Leverage LoRaWAN® technology, optimize assets energy consumption and lower your operational costs.



Easy usage: Available as on-premises & cloud-based application. Manage your installation from one single application dashboard with easy accessibility, usability, management & control.



Data-driven management: Automated compliance reports and alert notifications are sent via SMS or email for the service personnel to take required corrective action, like enabling ventilation flow in the designated area.

Use cases:

This end-to-end IoT Solution, designed for budling managers and industrial end customers, can be used for any indoor space: **classrooms, offices, meeting rooms, shops, industrial facilities, public buildings** and much more. It allows to optimize ventilation and people presence, preventing over flooded zones.



Build your IoT Solution with us!

Get your starter kit on ThingPark Market, or contact Actility to learn more

