

# ThingPark IoT Solutions



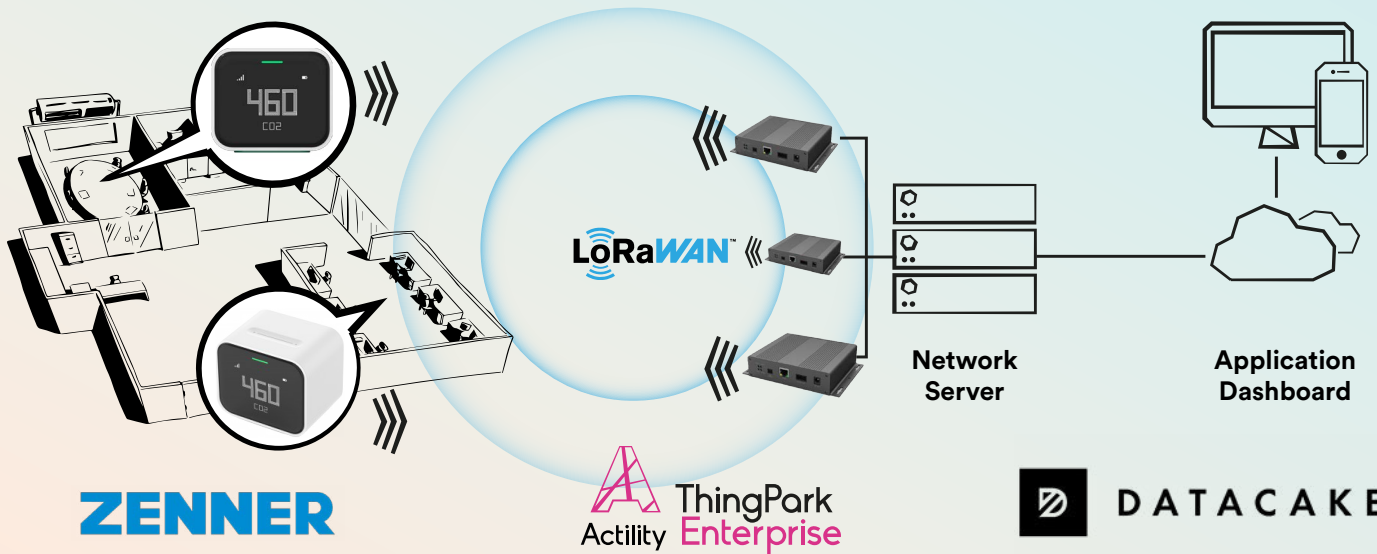
## IoT Indoor Air Quality Solution

The turnkey IoT solution to monitor indoor CO<sub>2</sub> to create a safer and healthier environment.

**Indoor air quality (IAQ) issues and problems** result from interactions between building materials and furnishing, activities within the building, climate, and most importantly between building occupants. A **healthy indoor environment** is one that contributes to productivity, comfort, a sense of health, and well-being. Activity indoor air quality solution helps monitor the indoor environment **Carbon dioxide (CO<sub>2</sub>)** of building occupants and combustion of fuels through a mix of hardware and software.



# Wireless IoT Indoor Air Quality solution to free from unacceptable levels of contaminants:

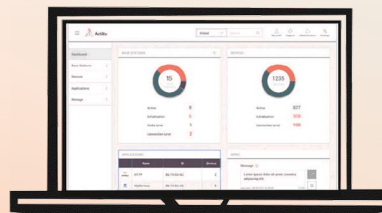


## CO2 Indicator L868 ID A Sensor by Zenner



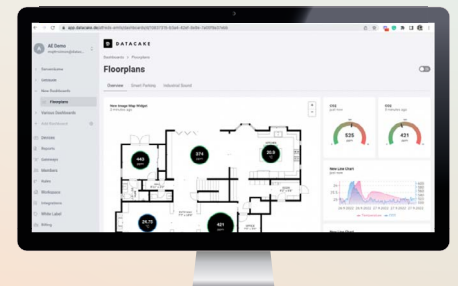
A compact indoor wireless sensor for measuring the CO<sub>2</sub> content of indoor air. With the integrated display and a color changing LED, the sensor always provides real-time information about the current CO<sub>2</sub> reading even when not in network coverage, battery level, and the status of the connection.

## 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.

## Datacake Application to monitor your indoor spaces



Datacake is a multi-purpose, low-code IoT platform that requires no programming skills and minimal time to create custom IoT applications that can be brought into a white-label IoT solution at the push of a button.



Building staff are worried they require efforts and face high operational expenses to maintain a good air quality system.



Building managers are frustrated since their building occupants experience adverse health effects that are apparently linked to the time they spend in their building.



Facility operators are anxious by the time they need to invest in monitoring the air quality in a manual and often inefficient way.



## Key features:



**Sensor design:** clean and modern design which makes it discrete in both business and home environments.



**Ease of use:** A wireless and battery-based sensor provides the conditions for its users to perform the tasks safely, effectively, and efficiently while enjoying the experience.



**Adaptability:** Scalable and tailor-made ready to use adapted kit to any indoor environment.



**Low-Power and long-range:** Wireless LoRaWAN® battery-based sensors with long-range technology, allow easy and fast installation in very large, monitored areas.



**Business Governance:** Backed up with verifiable real-time data, business owner relies upon the quality of the data gathered and the effectiveness of its analysis and interpretation.

## Use cases:

This ready-to-use IoT Solution is used to monitor the indoor environment in any indoor space: **offices, meeting rooms, shops, industrial facilities, public buildings, classrooms,** and much more. The application dashboard helps the building managers to facilitate their day-to-day tasks and reduce avoidable expenses.



## Build your IoT Solution with us!

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

