INFRASPEAK   **AIR**THINGS

Global Leader in Smart Radon & Indoor Air Quality Monitors

Company
Airthings

Founded
2008

With Infraspeak since
2022

Country
Norway

Sector
Technology – Hardware & Equipment

• Foreword

Since March, Infraspeak has used an integration with Airthings, a global leader in air quality sensors, to monitor their Porto HQ's air quality.

The trial has been a real success — **office CO2 concentration levels have fallen by 1/3**.

Before further analysing the results, we need to set the scene to understand why and how this project began.

• Platform

In a world where everything is becoming more complex – our buildings, our regulations and customer expectations – integrations are key.

Facility and maintenance managers oversee several processes (document organisation, accounting, inventory management etc.) which require tools or platforms.

The big problem with having several platforms is that transforming this information into strategic data is normally done manually, this is time-consuming and error-prone.

That's why integrations into a maintenance management platform are so important – all inter-platform communication is done automatically.

Our IMMP supports the most integrations on the market, and can be summarised in 3 statements:
- It's a platform - clients can personalise their experience using native apps, integrations and IoT devices and sensors.
- It's intelligent - operational data points are turned into intelligent insights, suggestions and automated workflows.

- It's for everyone – it's designed to be simple and intuitive for everyone. This could be a manager, technician or in this case, us!

Integrations with companies like Airthings are a perfect expression of our platform's vision:
- flexible
- intelligent
- loved by users

Company Culture

Our company motto is:
"Be a source of good life"

In essence, this means Infraspeak will strive to improve the quality of life of all people it comes into contact with — clients, community and, of course, staff.

Our company culture reflects this. One example is our flexible work remote policy, another is this integration. Employees deserve to be comfortable wherever they are, and air quality, as proven by countless studies, plays into that.

Since office usage could conceivably fluctuate from 10-100 people without warning, a far more robust and data-driven approach was needed. **Airthings is the perfect, predictive solution** we needed.
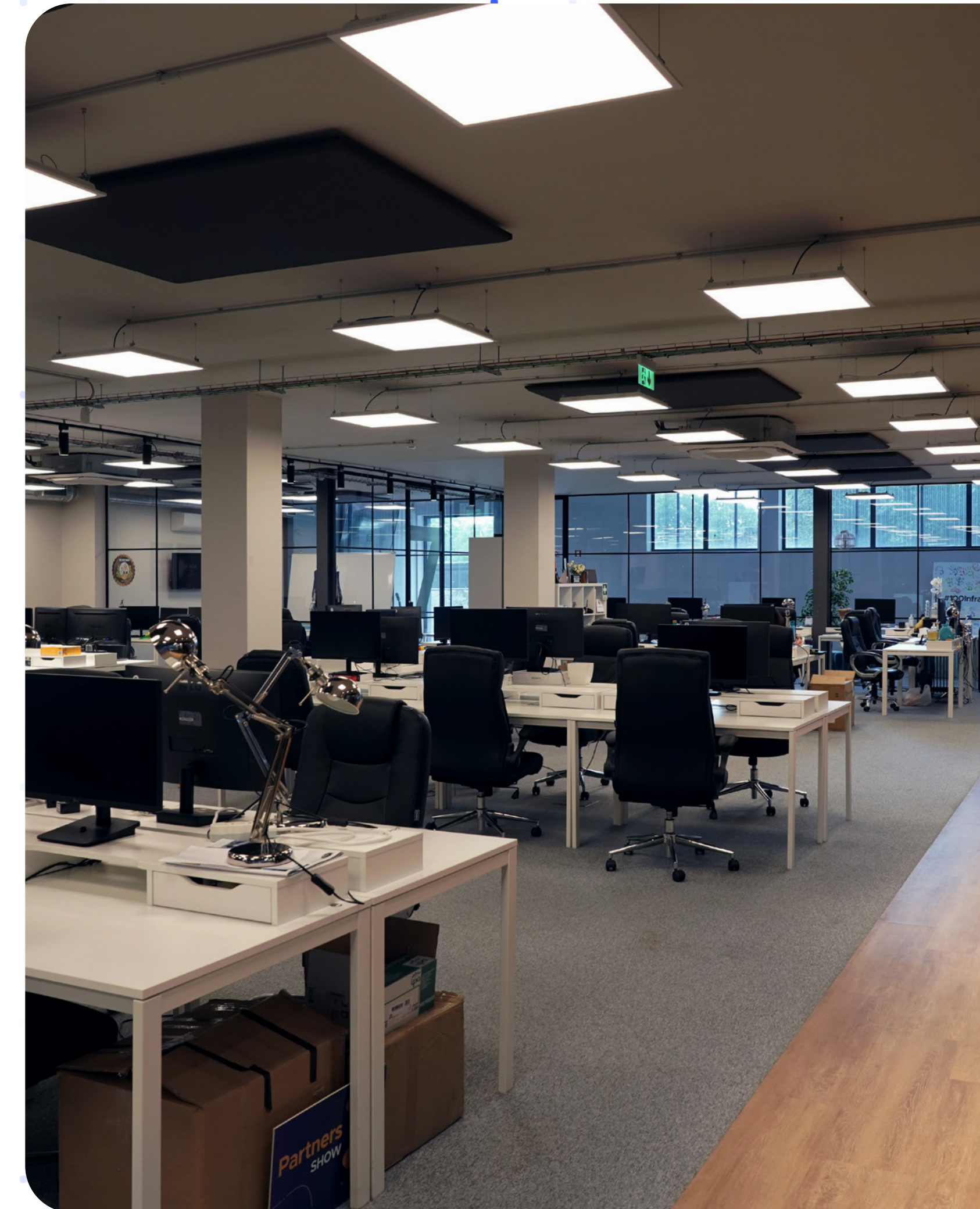
How does the integration work?

We configured Airthing's IoT sensors in our Porto HQ and enabled the integration between our systems. The sensors work their magic and test air quality and this information is processed and stored to help generate immediate alerts and inform predictions of future patterns.

Whenever an anomaly or spike is detected, Airthings articulates with Infraspeak's platform and triggers the automatic creation of a work order, speeding up our response time.

Rapid corrective maintenance to failures/malfunction of our HVAC equipment has enabled us **to cut CO_2 concentration by 35%** in our HQ.

The data collected by the Airthings sensors is recorded and stored so that Infraspeak's team can

analyse our office assets' history and performance and track changes more effectively. This allows us **to improve our predictive maintenance based on concrete data.**

clients and hope that Infraspeak's partnership with Airthings will continue to grow with time.

• Why Infraspeak loves Airthings

We are, undoubtedly, happy customers. Following the pandemic, companies have been made to consider the health and safety of their staff in new ways previously unconsidered.

Despite remote work rightfully growing in popularity, the office persists. Employers have the same duty of care over their office-based staff as their remote staff and that goes way beyond providing snacks. People are more sensitive to safety and the air they breathe now, and Airthings delivers a simple and direct solution to this often overlooked problem.

Having tested out the system and seeing the astonishing 35% drop in CO_2 levels in just 8 months, we are proud to support this integration for our

> **" The Infraspeak–Airthings integration allows facility and maintenance managers to monitor and respond to deviations in air quality and makes predictive management of spaces a reality. The direct impact we've seen on our clients is better resource allocation and better user welfare. "**
>
> — Carlos Queirós, Head of Platform Partnerships, Infraspeak

Talk to one of our specialists and learn how Infraspeak can make your operation truly intelligent, connected and collaborative.

Schedule Demo