



Airgloss

USE CASES



ABOUT AIRGLOSS

Airgloss provides innovative solutions for real-time air quality monitoring and thermal comfort management for any kind of indoor space, from homes to offices, schools, hotels, healthcare and even transports.

Founded in 2014, the company has developed and patented an advanced technology based on Artificial Intelligence to identify a broad range of pollutants and improve indoor air quality and wellbeing.

www.airgloss.com

www.airglossproject.com

According to numerous studies, there is a direct relation between poor Indoor Air Quality and **lower productivity**, increase in **sick leaves** and **dissatisfaction** towards the workplace.

This translates into both a general health issue and major economic loss.



At the core of your workspace

PROSENSE

PRO-LEVEL ENVIRONMENTAL MONITORING

Airgloss ProSense is designed for commercial and industrial applications (offices, meeting rooms and other public spaces such as workspaces and schools), where air quality influences occupants' wellbeing and health, with a direct impact on performance and productivity.



IN THE OFFICE

AIRGLOSS FOR PRODUCTIVITY

The indoor environment can influence employees productivity by up to 20%, while also negatively affecting concentration, creative thinking, health and absenteeism rates. With 90% of business costs going to staff and salaries, any improvement in wellbeing and productivity is valuable.

Airgloss helps you increase employee health and satisfaction, providing you a transparent way to monitor and control the indoor environment at any time, with enterprise-level features for complex building management. You'll always know when to take action and how to locate pollution sources, for safer workplaces and healthier workers.

*Inspiring productivity,
promoting health*



IN HOTEL ROOMS

AIRGLOSS FOR RELAX AND COMFORT

Indoor air quality is essential for guests satisfaction, but too often overlooked. Hotel rooms, specifically, need particular care: airborne contaminants may be left behind by previous guests, or linger in the air due to harsh cleaning products or undetected molds.

Airgloss devices can be placed in common areas, to transparently show clients IAQ readings, as well as in each guest's room, to monitor in detail the health conditions of your lodgings and know beforehand whether the room is safe for the next client, or action is required. Optimize efficiency and avoid unsatisfied clients and room changes.



MORE THAN 60% OF
CONSUMERS WILL ADDRESS
BETTER RATINGS TO HOTELS
AND FACILITIES WITH
HIGHER IAQ STANDARDS^[1].

^[1] Consumer Sustainability Engagement Report for
Hospitality - Expedia survey (2012)



Indoor Air Quality in healthcare facilities can have a great impact on patients, workers, and visitors.

It is estimated that, in the US only, at least 2 million patients **acquire infections while hospitalized** for initial health problems, and 88,000 of those cases result in death^[1].

^[1] Based on a study by the Center of Disease Control and Prevention (CDC).



IN HEALTHCARE

AIRGLOSS FOR HEALTH AND PREVENTION

Indoor Air Quality plays a fundamental role in the prevention of nosocomial infections and occupational diseases in hospital facilities, as well as in the patients physical recovery times. Airborne bacteria, infections and communicable diseases can spread rapidly without proper monitoring, with elders and children being the most affected.

Placing Airgloss in patient rooms or waiting areas allows indoor environment monitoring at all times as well as control over HVAC systems, with reports, smart energy saving, data history and complex building management features for constant and trackable evaluation.

*Improve health,
optimize efficiency*



IN REAL ESTATE

AIRGLOSS FOR PROPERTY VALUE

Even in the Real Estate field, requests for high environmental standards have risen, emerging as an important factor in sales transactions. Preventing Sick Building Syndrome and harm to tenants is a key investment for a real estate business.

Airgloss Prosense grants occupants real-time detection of any airborne issue and total control over HVAC systems, alongside with smart energy saving, saving the need for costly and often inconclusive IAQ assessments and health inspections. Increase the value of your buildings as well as your sales, committing fully to tenants wellbeing and comfort.



PEOPLE SPEND ON
AVERAGE 90% OF THEIR
TIME INDOORS.

AT LEAST 30/40% OF
THAT TIME IS SPENT
AT HOME.



It is estimated that at least **60%** of all schools has potentially bad IAQ and needs basic repair.

1 in 3 children suffers from **asthma**, the leading cause of school absenteeism due to chronic illness.



IN SCHOOLS

AIRGLOSS FOR HEALTH AND EDUCATION

Schools are critical environments, where Indoor Air Quality can easily drop at concerning levels in the presence of common pollutants (cleaning products, floor polishes, hard cleaners, paints, markers, glues or even ventilation issues and molds). Especially in children, this can lead to higher absenteeism rates, asthma, illness, and decrease in learning and concentration skills as well as memory performance.

Airgloss Prosense improves students and teachers productivity, memory, concentration and problem solving skills, monitoring the indoor environment to grant real-time detection of any arising issue and total control over HVAC systems, alongside with smart energy saving.

*Protecting health
and learning ability*

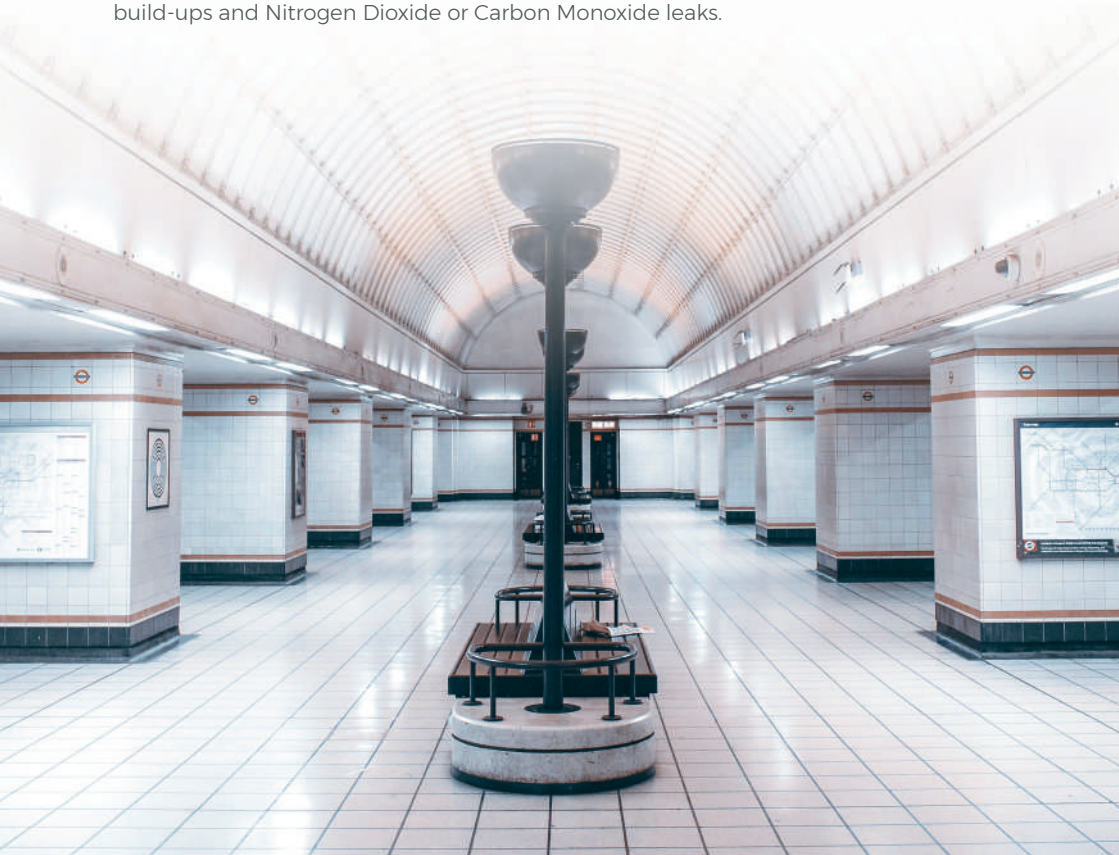


IN TRANSPORT

AIRGLOSS FOR SMART MOBILITY

People spend approximately more than 1 hour per day in vehicles. Travelling, be it by car, train, subway, bus or even plane, exposes them to poor Indoor Air Quality (IAQ). Air-conditioned mass transports, where people crowd together in a limited space, are subject to pollution from outdoor gases (exhaust pollutants and heavy traffic jams) as well as indoor sources (inadequate ventilation, over-crowding, airborne bacteria).

Airgloss Prosense grants you real-time environmental monitoring and total control over HVAC systems, alongside with smart energy saving, also allowing you to immediately detect issues like Carbon Dioxide build-ups and Nitrogen Dioxide or Carbon Monoxide leaks.



COMPLIANCE

Airgloss devices are designed to be compliant with the main green building certifications:



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Developed for **space**,
made for **you**



The 'Space Solutions' trademark has been created by ESA to give special recognition to products and services that make use of space technology and space-provided services.

The logo for Airgloss. The word "airgloss" is written in a lowercase, sans-serif font. The letter "i" in "air" has a dot that is a small arrow pointing to the right. The "g" is stylized with a long, horizontal tail that extends to the right.

airgloss

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