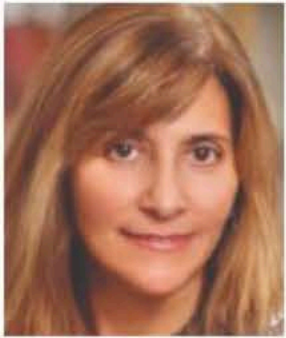


# How Halo Can Improve the Health and Safety of a Commercial Property

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Have you ever walked into a building and felt the onslaught of allergy symptoms? Difficulty breathing, irritation of your eyes, nose or throat amongst other symptoms. Oftentimes people who are otherwise healthy will suddenly develop headaches, dry coughs, difficulty concentrating and autoimmune

issues. This is commonly called the Sick Building Syndrome or Building Related Illness resulting from common building contaminants which cause Legionnaires' Disease and hypersensitivity pneumonitis.

SBS is a condition caused by hazardous cleaning and building materials such as: adhesives, carpeting, upholstery, manufactured wood, copy machines, pesticides, and cleaning agents. These products may emit volatile organic compounds (VOCs), including formaldehyde.

Have you been in a building and increasingly felt tired as the day progressed? This is likely due to the buildup of CO2 over the day and improper ventilation or mold toxins. Poor indoor air quality or HVAC systems that are not properly maintained are a leading cause to these common complaints. This improper ventilation along with temperature and humidity levels is a leading factor in the spread of airborne infectious diseases.

Monitoring air quality is the key to improving and eliminating these conditions. Education, healthcare, and hospitality are just a few fields where safety is a central priority. You ask what can we do about this and how can we help? IPVideo Corporation's HALO Smart Sensor has the ability to detect contaminants and alert the appropriate staff members on harmful conditions related to indoor air quality. This Smart Sensor is an all-in-one device that communicates via text, email or through building management systems the detection of smoke, vaping, THC, and any abnormal sounds.

## Why Should You Monitor Indoor Air Quality?

If we can detect the presence of dangerous chemicals like ammonia, carbon monoxide, carbon dioxide, nitrogen dioxide, and volatile organic compounds early, we can alleviate health conditions, reduce the incidence of mold toxicity and improve lives. Utilizing safety measures protects the building itself, in addition to keeping people protected. In preventing mold and mildew from growing, the ability to detect factors such as moisture and humidity is helpful. The cost of cleaning mold can add up to thousands of dollars in addition to the health risks.



The COVID-19 outbreak has taught us we need to monitor possible airborne contagions before they become an issue. Halo helps us to do that with its early detection system and can be used anywhere.

To have the benefits of one complete system that offers the safety and convenience of alleviating health concerns in addition to safety concerns is worth the investment and should be an automatic specification for every Architect and Designer.



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