

FOR IMMEDIATE RELEASE July 13, 2009

AppliedSensor's New White Paper on Indoor Air Quality Proves VOC Sensors Lower Energy Costs, Protect Occupants' Health Better Than CO₂ Sensors

Warren, New Jersey – [AppliedSensor](#), a designer and manufacturer of chemical sensor components and indoor air quality (iAQ) modules, recently published "[Beyond CO₂: Sensing VOCs in Indoor Air Protects Health, Saves Energy.](#)" The white paper is written for building owners, facility managers and engineers interested in maintaining clean indoor air while keeping energy costs down and supporting green building initiatives.

"*Beyond CO₂*" compares carbon dioxide (CO₂) sensors with those that detect airborne volatile organic compounds (VOCs) like smoke, odors and human metabolism. The document provides specific examples in which AppliedSensor's [iAQ-2000](#) Indoor Air Quality Module was installed in a gymnasium and restroom to monitor the quality of each facility's air and control the speed of the air handling unit's fan. In the gym, the fan's operating time was reduced by 24 percent, energy consumption reduced by approximately 60 percent, and the facility received better air quality ratings from its occupants.

"After reading "*Beyond CO₂*" we hope that building owners and facility managers will become as diligent about monitoring the quality of the air in their facilities as they are about reducing energy costs and utilizing sustainable materials," said Tom Aiken, CEO of AppliedSensor, Inc.

About AppliedSensor

[AppliedSensor](#) provides chemical sensor solutions for air quality, safety and control. Relying on its 25 years of research and development, the company designs and manufactures chemical sensor systems for a broad range of applications, including the [AS-MLV VOC Sensor Component](#) for integration by OEMs into indoor air quality (IAQ) monitoring systems and the [iAQ-2000 Sensor Module](#) for integration into indoor air quality and HVAC systems in hotel guest rooms, bathrooms, schools, offices, gyms, and other indoor commercial facilities. Both products detect in seconds the presence of volatile organic compounds (VOCs) such as alcohols, aldehydes, ketones, organic acids, amines, and aliphatic and aromatic hydrocarbons. AppliedSensor also manufactures in-cabin air quality monitors that are installed in BMW Sport Utility Vehicles and in other high-end luxury autos, and [Hydrogen Gas Safety Sensor Modules](#) that are integrated in fuel cell vehicles manufactured by BMW and General Motors. AppliedSensor operates three facilities worldwide: AppliedSensor, Inc. in Warren, New Jersey; AppliedSensor Sweden AB in Linköping, Sweden; and AppliedSensor GmbH, in Reutlingen, Germany. Additional information is available by visiting www.appliedsensor.com or by calling 1-908-222-1477.

###

Contact:

[Tom Aiken](#), AppliedSensor: 908-222-1477 or [Mar Junge](#), c3PR, 408-730-8506, cell 408-219-0101