

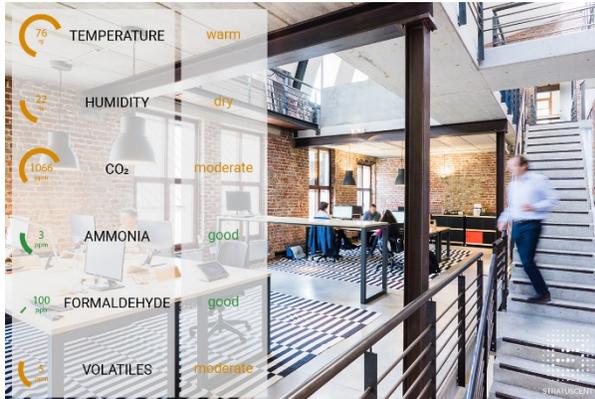


STRATUSCENT

PRESS RELEASE

FOR IMMEDIATE RELEASE

Stratuscent Unveils SafeScent and Announces Beta-Unit Availability for the World's First Intelligent Air Quality Monitor of Harmful Airborne Volatiles for Indoor Environments



SafeScent is designed to deliver actionable, real-time alerts on the specifics and the source of harmful indoor airborne volatiles, for safer, healthier, and more productive indoor environments.

MONTREAL, Quebec — Sept 1, 2020 — Stratuscent Inc. – a leader in the Global eNose Market – unveils **SafeScent** and announces beta-unit availability for customer evaluation. SafeScent is based on Stratuscent's groundbreaking, AI-driven, portable eNose platform that is designed to deliver instant, actionable alerts on the specifics and the source of harmful airborne volatiles present in any indoor environment.

Peace of Mind when We Need it the Most

We spend close to 90% of our time indoors. The US Environmental Protection Agency estimates that the indoor levels of pollutants may be two to five times — and occasionally more than 100 times — higher than outdoor levels.

Indoor environments are filled with volatile chemicals that come from mold, mildew, and airborne pathogens. Additionally, there are tens of thousands of synthetic chemicals available in the international trade today, and many of them are part of our daily lives. They are present in our environments, in measurable quantities via technology hardware, construction materials, furniture, furnishings, and cleaning products.

A clear example is formaldehyde, a known carcinogen, used in pressed-wood products, such as particleboard, plywood, and fiberboard; glues and adhesives; permanent-press fabrics; paper product coatings; and certain insulation materials. During the lifetime of these products, formaldehyde is constantly released in volatile form, and while the concentrations are well below the fatal level, long term compounding health effects from exposure to smaller concentrations are still significant according to the **Occupational Safety and Health Administration**.

FACT BOX:

Chemical indoor air pollutants and sources can include fuel-burning appliances, tobacco smoke, household cleaning chemicals, building materials, furnishings, fireplaces, pet litter, spoiled food, volatile organic compounds (VOCs) from mold and mildew, and volatiles from airborne pathogens.

SafeScent – Actionable Indicators for Source Control

SafeScent can detect harmful odorless vapors that are often imperceptible to humans, as well as complex fumes, present in indoor environments. Its precise assessment, continuous inspection, and monitoring by zones prevent exposure to high concentrations of threatening volatiles, for immediate correction or troubleshooting.

“Given the large amount of time spent indoors, ensuring that the air we breathe in indoor environments is safe and healthy is one of our most pressing concerns,” said Dr. Ashok Prabhu Masilamani, Founder and CTO of Stratuscent. “Screening protocols and continuous improvement on preventive measures can only be built on hard evidence and driven by data. SafeScent’s breakthrough technology is unveiling a world in detail that was previously invisible to us. SafeScent not only provides general information on the presence of volatiles, but it also provides information on specific volatiles and their concentrations. With such knowledge, one can pinpoint the source of a specific volatile compound and take action to eliminate it. In other cases where source control is not feasible, other actions such as the installation of air purifiers/filtration systems or the upgrade of the ventilation systems could be performed to improve the air quality. SafeScent is here to pave the way into a more effective way to assess, monitor, correct, and safeguard our indoor living spaces.”

SafeScent Robustness, Accuracy and Continued Volatile Database Expansion

SafeScent’s proprietary solution – which originates from NASA patents – can detect, identify, digitize and quantify, an unlimited number of simple volatile chemicals and complex scents. SafeScent’s breakthrough scent digitization and detection technology leverages AI to deliver a robust solution in the real-world, and auto-calibrates for temperature, humidity, background scents, sensor aging, and sensor drifts. It can detect individual chemicals, chemical mixtures & complex everyday scents with great accuracy.

“Additionally, SafeScent’s cloud-based centralized AI architecture has the capability to learn the chemical signatures of new, unknown volatiles in the environment. This in-field, continuous training and learning subsequently enable SafeScent to be upgraded to detect new additional volatiles in your environment,” says Dr. Ashok Prabhu Masilamani.

To request a SafeScent demo, please contact Stratuscent’s team at www.stratuscent.com/safe-scent/demo

About Stratuscent Inc.

Stratuscent’s breakthrough portable, real-time, and low-cost electronic nose leverages and chemical sensing and artificial intelligence (AI) to detect, identify, digitize, quantify, and catalog simple and complex everyday scents thereby enhancing safety, quality, process control, and yield. Incorporated in 2016 with offices in Montreal, Stratuscent Inc. was incubated at



TandemLaunch, is a graduate of Creative Destruction Lab 2018, and a winner of the 2019 C.L.I.C. Challenge. www.stratuscent.com

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