



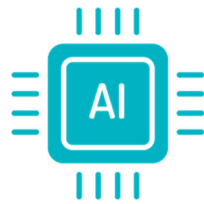
STRATUSCENT



Unlocking the potential of scent detection

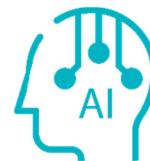
Stratuscent's breakthrough portable, real-time, and low-cost electronic nose leverages chemical sensing and artificial intelligence (AI) to detect, digitize, and catalog simple and complex everyday scents enhancing environmental intelligence, process quality control, yield, and safety.

Our everyday devices understand visuals, audio like speech and sounds, and even touch; however, no one has managed to leverage and unlock the incredible potential of scent detection – until Stratuscent. The chemical sensing market is filled with large and expensive gas chromatographs and mass spectrometers, or smaller MOX sensors that can only detect single chemicals.



Robust AI-driven Identification

Stratuscent's proprietary AI-driven chemical sensing solution – which is based on NASA patents – is a portable, real-time and low-cost device that detects both simple chemicals and complex everyday scents.



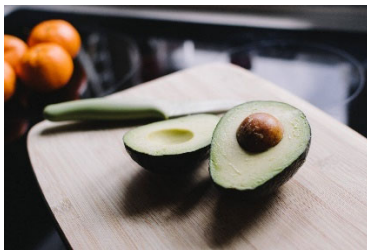
Bio-inspired and AI-enabled

Inspired by the functionality of the human nose, Stratuscent's electronic nose (eNose) embraces the cross-sensitivity of its array of chemical receptors and leverages AI to deliver robustness in the real-world with varying temperatures, humidity, and background scents.

Stratuscent's goal is to create the world's first comprehensive database of everyday scents.



Applications



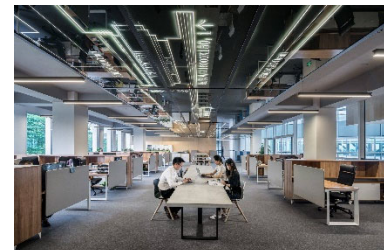
Food & agriculture

Validate quality and increase yields, efficiency and ROI with our patented scent detection sensor, that can, for example, detect and identify ethylene, which is a key indicator of spoilage.



Smart homes & appliances

Smart homes can become even smarter with Stratuscent's digital chemical sensing technology. Our "digital nose" can smell and identify cooking stages and can also sniff out food spoilage.



Control air quality

Take control of the air quality in your home and at work. Our sensors are highly adaptable to temperature and humidity changes, making them versatile and consistently accurate.

Contact Stratuscent to learn more

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