# Pulp & Paper

## Air Quality and Odour Monitoring Approach & Solutions

The process of creating pulp and paper can lead to heavy pollution through both air and wastewater.

**Stationary Equipment** provide continuous monitoring of indoor and outdoor air quality in and around your facility, providing valuable data on the overall level and distribution of pollution.

**Odour Patrol** offers an additional layer of monitoring, enabling the detection of hot-spots and a large area in an effectively way, along with providing more granular data on the spatial and temporal patterns of air pollution.


### Sensitive Receptors

Track your sensitive receptors, and view the direct effects an emission source may have on them, down to the odour unit per second value!

### Tracking Unknown Emission Sources

Using 'Event Triangulation', our SIMS3 platform can pinpoint the location of potential unknown sources. Determine the source of each complaint with this module!

### Monitoring Device Perimeter

A typical pulp & paper production requires approximately 4-6 air quality monitoring devices strategically stationed around the facility perimeter based on collected data.

### Odor Event Processes

Several facility processess may be directly contributing to errant odours. Use SIMS3 to track the correlation between ambient air pollution and several processes.

### Tracking Known Emission Sources

Several facility processess may be directly contributing to errant odours. Use SIMS3 to track the correlation between ambient air pollution and several processes.

### Odor Complaints

Once odour complaints are filed, SIMS3 will collect them and present them in a visual, mappable format. SIMS3 will also analyze the contributor of the source that led to the complaint.



*AI POWERED*

## SIMS3

**Air Dispersion Modeling** Mathematical simulation of how air pollutants disperse in the ambient atmosphere and performed with a computer simulation of a pollutant dispersion model.


70 Innovator Avenue, unit 7
Stouffville, ON, L4A 0Y2

416-479-0078
1-888-988-IDES (4337)

info@scentroid.com
www.scentroid.com

SCENTROID
Future of Sensory Technology