



## OLFOSENSE

### Area monitoring of environmental conditions



Chemical  
defense

AIRSENSE Analytics and PCA Technologies have developed OlfoSense, an Intelligent Sensor Array designed for monitoring odour leakages over large areas, at the perimeter of plants and at sources.

OlfoSense is a versatile device that can be used for urban air monitoring also, putting you in constant touch with factors affecting public quality of life.

Waste Water treatment plants, chemical and petrochemical plants are of high impact and entail environmental risks; people often complain about odours, thus leading to an increased fear for public health. An OlfoSense network guarantees protection in such cases, where the Bureau of Environmental Protection can react immediately if thresholds are exceeded.

#### Technology

- 4 Metal Oxide Semiconductors (MOS)
- Photoionization Detector (PID)
- 2 Electrochemical Cells (ECD)
- Optical Particle Counter (OPC)

#### Parameters

- Odour concentration (OU/m<sup>3</sup>)
- Total VOC (Volatile Organic Compounds)
- NH<sub>3</sub> & H<sub>2</sub>S
- PM10, PM2.5, PM1



#### Key features

- Outdoor operation
- Continuous monitoring
- Wireless network
- Odour/VOC/NH<sub>3</sub>/H<sub>2</sub>S/PMx
- Dispersion modelling

In cooperation with



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