REAL-TIME ODOUR MONITORING

OdoWatch™
WHAT IS OdoWatch™?

OdoWatch™ is the world’s first electronic nose network for 24/7 wireless odour monitoring.

Three major components:

**ELECTRONIC NOSES**
- Sensor matrix with an array of up to 64 different sensors
- Remote sensor calibration & software updates
- Wireless communication
- Independent power supply

**WEATHER TOWER**
- Wireless communication
- Provides weather forecasts for odour plume calculations

**MONITORING CENTRE (display)**
- Odour recognition & quantification algorithms
- Source characterisation algorithms
- Utilises weather tower data
- Computes odour plume
- Calculates odour emission rates
- Issues alerts when preset thresholds are exceeded
- Predictions over the next 2, 4, 6, … 24 hours
- On-demand reports at any time
- Archives data
- Capacity for 250 strategically-placed e-noses

Real-time image of odour plume super-imposed on an aerial map of the site and its surroundings.

Temporary units available