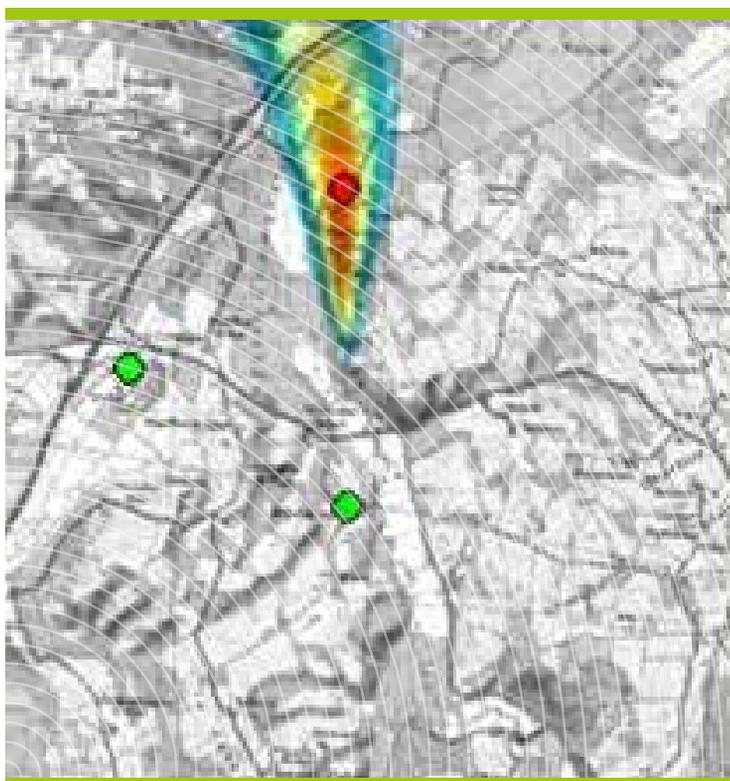




Azurair™ Scan

odor emissions monitoring and management
for water treatment plants

○ air



optimize treatment plants integration using
an innovative system for managing pollutant
emissions and propagation

○ **performance**

combined technologies for global impact
on-site and across your entire territory

○ **flexibility**

a pre-packaged solution offering two
configuration options

innovation

synergistic use of detection, anticipation and
correction tools for broader management of the
pollutant emissions and propagation that create
odor nuisance

Because there is no such thing as “zero” risk when it comes to pollutant emissions and odor, the Azurair™ Scan has been developed to assist you in acting effectively to address any propagation of environmental nuisances. The Azurair™ Scan is a combined monitoring, alert, anticipation and maintenance system for controlling risk factors both on-site and around your plant perimeters.



key figure

for **100%**

effectiveness in monitoring
pollutant diffusion



Azurair™ Scan technology . . .

Azurair™ Scan is a comprehensive management solution going beyond simple detection to anticipate and control the propagation of all types of pollutant emissions (e.g: sulfur compounds, ammonia) potentially associated with operation of your plants. Serving as an extension of conventional treatment and prevention equipment (roofing, ventilation, odor control units, etc.), the Azurair™ Scan is used to maintain optimal olfactory comfort on-site and over a broad perimeter, thereby promoting maximum integration of your plants into the landscape.

Next-generation monitoring system: a modular, scalable platform, the Azurair™ Scan combines multiple solutions for detecting and managing pollutant and odor emissions based on the specific needs of each treatment plant.

The Azurair™ Scan is available through two products with a view to adapting our technical and commercial offering to your plant size and the odor sensitivity level in the vicinity.

The Azurair™ Scan incorporates testing and sampling carried out as part of periodic measurement campaigns supporting the mapping of olfactory pollutant emissions from your plant on a daily basis or in relation to specific treatment operations.

Our Azurair™ Scan Sensor product adds the on-site integration of H₂S and NH₃ micro-sensor technology for continuous measurement of diffuse emissions. Azurair™ Scan and Azurair™ Scan Sensor offer the capability for modeling of all data to enable visualizing development of diffusion plumes associated with on-site pollutant emissions and meteorological data. Through continuous measurement by sensors, Azurair™ Scan Sensor allows, on the other hand, a real-time monitoring of evolution in the impact of pollutants.

Leading-edge monitoring and analysis tools: the Azurair™ Scan Sensor is equipped with a built-in network of autonomous electrochemical micro-sensors (photovoltaic-powered) in continuous radio communication with data viewing and processing software – the operational heart of the system – linked in turn to a local weather station to enable real-time map-based viewing of pollutant diffusion concentrations and plumes over a broad territory. Optional connection to a weather forecasting module adds the capacity to anticipate various atmospheric propagation scenarios to support smart planning of maintenance operations.

A configurable management tool: thanks to the Azurair™ Scan alerts, all necessary corrective actions – whether curative or preventive – can be implemented promptly through use of the decision support tools in the Azurair™ Scan management manual customized for every site to maximize control over pollutants and odor based on the technological characteristics specific to each treatment system.

. . . what it can do for you

performance and environment



- enhances your capacity for action, responsiveness and proactivity in relation to all emission occurrences or propagation of pollutants or odors generated by your plants
- maximizes the preservation of olfactory comfort both on-site (for staff) and in the vicinity (for neighbors) to achieve more effective integration of your plants into the landscape

ergonomics



- completely automated technologies for total ease of operation
- streamlined interface for instant access to all important information

flexibility



- two turn-key equipment solutions offer configurations perfectly adapted to the specific requirements of each plant
- fully flexible solutions
- ideal for integration into any type of project (construction, renovation) or plant size

among our references

Béziers, France
capacity: 200,000 PE
Azurair™ Scan

Ciudad Juarez, Mexico
capacity: 820,000 PE
Azurair™ Scan Sensor

SUEZ treatment infrastructure

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