

# Opsis Open-path DOAS

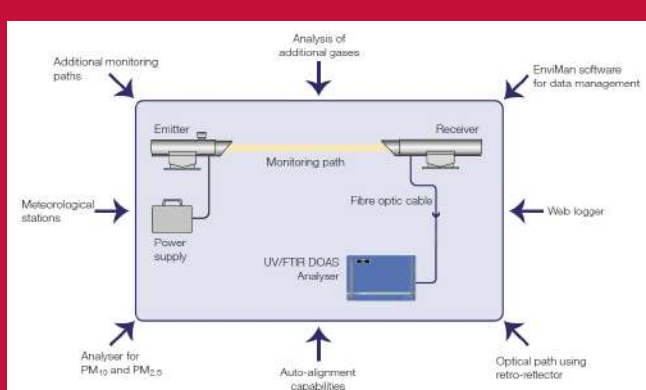
*Break with convention*



*An internationally approved, multi-parameter, monitoring solution.*

- Fast, non-contact, direct measurements
- Representative, path averaged data
- Low running costs compared to 'traditional systems'
- Highly reliable, few moving parts
- Absolute minimum LSO requirements
- Multi-gas, multi-path capabilities

### System schematic



**economic ▶ fast ▶ low maintenance**

Click here to see how the Opsis Open-path system has helped Swansea City Council predict and forewarn motorists of high episodes of poor air quality.



Click here to learn more about Opsis Open-path on the Opsis Play site.

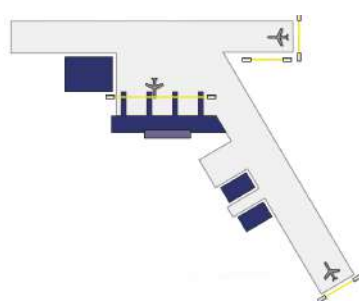
**MCERTS**  
THE ENVIRONMENT AGENCY'S  
MONITORING CERTIFICATION SCHEME  
Sira MC 160295/00  
**NO<sub>2</sub>, SO<sub>2</sub>, O<sub>3</sub>**

**MCERTS**  
Approved!

**MCERTS**  
THE ENVIRONMENT AGENCY'S  
MONITORING CERTIFICATION SCHEME  
Sira MC 040048/02  
**Benzene**

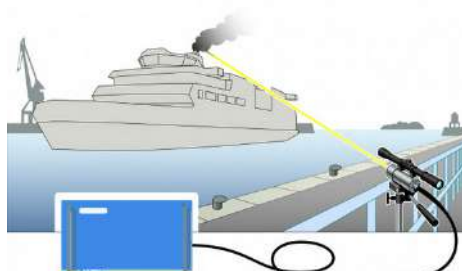
## One solution, many applications

### Airports



- Multiple measurement paths (i.e. runways, perimeters, roads).
- Measures 'criteria' air pollutants (i.e. NO<sub>2</sub>, SO<sub>2</sub>, O<sub>3</sub>) as well as speciated VOCs and HCs (i.e. from aviation fuel).
- Ability to characterise individual aircraft emissions.

### Ports & Harbours



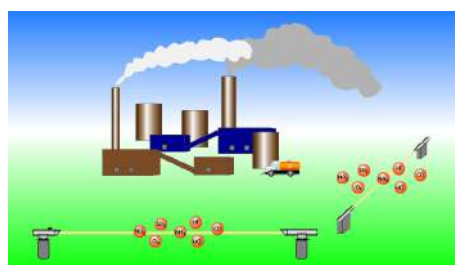
- Multiple measurement paths
- Measures NO<sub>2</sub> and SO<sub>2</sub> emissions from ship engines, auxiliary engines and port vehicles
- Ability to characterise individual ship emissions

### Cities



- Multiple measurement paths.
- Measure criteria pollutants NO<sub>2</sub>, SO<sub>2</sub> & O<sub>3</sub>.
- Other gases can be measured i.e. NH<sub>3</sub> and BTX.
- MCERTS approved NO<sub>2</sub>, SO<sub>2</sub>, O<sub>3</sub> & Benzene.

### Industrial Fenceline



- Multiple measurement paths for perimeter, boundary and fenceline monitoring.
- Fugitive Emissions.
- Multiple gases including organic and inorganic pollutants.
- NO<sub>2</sub>, SO<sub>2</sub>, O<sub>3</sub>, NH<sub>3</sub>, BTX and many others.

*Emerging future technology for air quality measurement.*

**For more information on how the Opsis Open-path system can work for you, call to speak to one of our specialists today.**

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