**H2S / VOC Gas Cloud Tracking System**

Real time monitoring

Real time display of gas cloud according to emission levels and weather conditions. Gas cloud dispersion can be shown on a monitor in your control room or wirelessly on an Atex tablet in the field. So that your team can determine the best escape route.

Concentration in ppb or ppm

Gas concentration shown in ppb or ppm (as per customer request) using a colored code scale.

Multiple virtual locations monitoring

Possibility to set up «Virtual Locations Monitoring» (green dots in the center image below) in order to trigger an alarm when the concentration level reaches preset alarm thresholds (alarm/evacuation) at these locations (On site administrative building, living quarters, property lines...).

Alarm is sent to your control room and/or by texto directly to your team working on site.

Data visualization

In addition to the gas plume, our embedded software allows you to visualize analyzers and meteorological data from your site.

Data archiving

System allows data archiving for statistics calculations on: exposition frequency, percentiles, monthly or annual means, etc.

GasViewer – France –
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www.gasviewer.eu
The GasViewer H2S Gas Cloud Tracking System is a web-solution platform installed on local or web-hosted server. This unique solution allows real-time monitoring of H2S gas plume dispersion (other gases upon request) around industrial sites. Connected to our network of detectors/analyzers and to a weather station installed on-site, it provides real-time key information for optimized facilities operation and efficient management of H2S pollution. To increase further our system accuracy, it can collect data from your existing on site H2S detectors.

### Technical Architecture

- **Server database running GV – H2S – GTCS software**
  - TABLET
  - WEBPHONE
  - COMPUTER

#### Detector / analyzer
- Auto GC / SSAWCD (Specific Sulfur Analyzer with Wet Cell detector),
- H2S measurement in ppb or ppm using ASTM D 7493-08- method (Method for online measurement of sulfur compounds in natural gas or gaseous fuels),
- Low maintenance due to internal permeation tube allowing automatic calibration,
- Automatic data validation to increase results accuracy,
- Analyzers can be connected to a multiplexer allowing up to 40 gas input to be monitored simultaneously
- 2 min response time by input

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