

Detection, Location and Tracking the leaks of Hazardous Chemicals on transport

MODCON SYSTEMS presents the new approach and technology in the field of transport and industrial security. We utilize the modern communication and sensing technologies in our products.

THE THREADS:

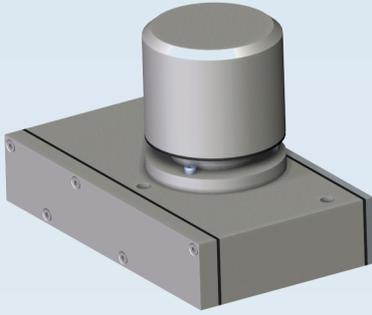
Every year millions tons of dangerous chemicals are transporting by Land, Sea and Air. One of the main challenges is the early detection and locating the NAR (Non Accident Release) of hazardous (toxic, corrosive or explosive) media from the railroad tank car, ISO tank container or chemical road tanker.



THE SOLUTION PROVIDES:

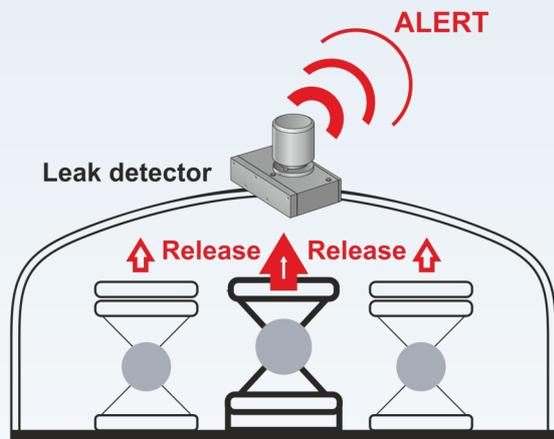
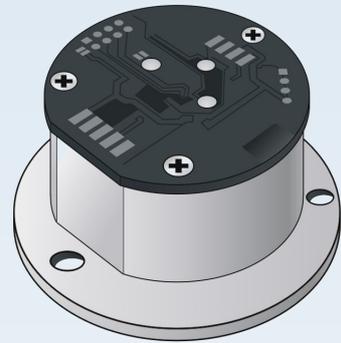
- Safe path for the transportation of hazardous materials to the customers .
- Remote detection and tracking the leakages of Hazardous chemicals during transportation .

MAIN FEATURES:



- GPS / GLONASS global positioning systems enabled
- GPRS / SMS ways of sending data to control room
- Built in G-force sensor
- Robust and light weight PVDF housing
- Electrochemical digital gas sensor
- Autonomous (battery powered) mode of operation

- Early detection of the gas leaks by help of unique dedicated Mobile Gas Detector
- Measuring and Monitoring Gas concentration inside the dome of ISO tank container , railway tank car or chemical road tanker
- Hidden installation inside dome



- WEB based user interface of Control room software

The screenshot displays the MODCON web interface. At the top, there's a navigation bar with 'Main summary' and 'MODCON field tes...'. Below this is the 'UNIT INFORMATION' section with the following details:

- Name: MODCON field test 2
- Tracker Serial: 353816050500281
- Firmware: Xrev681
- Customer path: Electronic Tracking Systems / XMetra / MODCON
- Status: Moving
- Battery: (93%)
- Days to calibration: 96

Below the unit information is a map showing the location of 'Potassium Terminal'. To the right of the map is a control panel with 'Start date: 19/08/2014 13:11', 'End date: 04/09/2014 13:11', and an 'Auto update: ON' toggle. Below the map and control panel is a log table:

Logtime	Speed (km/h)	Type
20/08/2014 06:35	0	GPS
20/08/2014 05:51	0	GPS
20/08/2014 05:05	0	GPS
20/08/2014 04:20	1	GPS



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