

Provided an innovative community protection solution for inhabited areas surrounding a drilling site in Saudi Arabia.

Implemented a real-time gas detection monitoring system to ensure community protection in emergencies.

A key Oil and Gas player required H₂S safety solutions for their new onshore drilling project. Their major challenge was protecting a community of approximately 500 homes situated within the 5Km Emergency Planning Zone (EPZ). Preventing the potentially fatal consequences of an H₂S release was of the utmost importance. Rawabi United Safety Services implemented a cutting-edge community protection solution composed of several gas and environmental monitors linked together to control the conditions within the EPZ.

Challenge

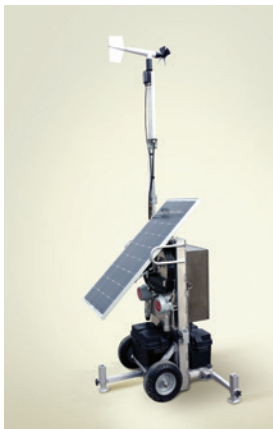
To implement a gas monitoring system to ensure protection of a community located nearby a drilling work site.

Solution

The innovative perimeter monitoring solution comprised of the Quazar™ and Plume Tracker™ that allowed environmental conditions to be monitored online in real-time.

Results

The nearby community was continuously monitored ensuring any emergencies were promptly dealt with.



Find more about Gas Monitoring and Detection: <https://bit.ly/3qv38VN>

Key Customer Benefits

Provided dependable online perimeter-monitoring information

The Quazar™'s continuous data stream allowed remote monitoring of the vicinity, based on both RF and web technology to make sure the information reached recipients. It allowed for instant tracking or reporting and also provided a reliable data log for future analysis.

Continuous updates for optimal response

Real-time information accessible from anywhere in the world allowed the customer to be aware and prepare for any emergencies that might occur. SMS & Email alarming alerts were also programmed in case of any emergency to ensure a prompt response.

Improved Public Relations with surrounding community

Members of the affected community felt assured by the degree of precaution implemented, knowing that they would be warned in a timely manner in the event of an emergency. The fact that the company took considerable measures to look out for their safety helped improve relations with the public.