

REMOTE GAS DETECTION



# VISICS

## Because early gas detection can save lives

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### **Increased Safety by Early Detection**

In your industry, safety and efficiency are top priorities. During maintenance shutdowns and turnarounds, they become even more important. Especially when entering confined spaces, you want to make sure that the safety of your employees is at the highest possible level. You need to be aware of imminent danger, before it is too late.

# Remote Gas Detection

## Significantly Improved Response Time

VISICS is the high-tech and fully digital mobile solution that brings you safety and efficiency. In addition to our innovative techniques for access control, communication and observation – both inside and outside confined spaces – we offer you integrated gas detection sensing. Continuous, real-time remote detection results in a significantly improved response time in case of gas leakage and/or lack of oxygen.

## Confined Spaces

Confined spaces are likely to contain harmful contaminants: carbon monoxide, carbon dioxide, hydrogen sulphide, methane, etc. In addition, tight spaces have an atmosphere that may contain unsafe oxygen levels, which can cause unconsciousness or even worse. Especially in areas with limited ventilation, where toxic gases are prevented from dispersing in the air, health risks are significant. These risks are even greater during a shutdown or turnaround which can involve many people in exceptional situations.

## Remote Gas Detection

Our remote gas detection solution monitors gas leakage, lower explosive limit (LEL) values and lack of oxygen. It can be used for measuring up to six gases. In case of an alarm, personnel are made aware of the need to evacuate by means of a siren functionality.

Remote detection of:

- Oxygen
- Carbon monoxide
- Carbon dioxide
- Hydrogen sulphide
- Methane
- Ammoniac
- And more.

## More Time, Fewer Risks

Detected values are continuously communicated to the command centre and can even be shared offsite. Limits and alarms can be set and measured values are clearly visualized. The operator can add notes to certain events and – combined with our solutions for communication and observation – actually see the person(s) inside the restricted area and communicate with them. In addition, based on previously collected data and trend analysis, predictions can be made. Altogether this results in a significantly improved response time in case of an emergency and fewer risks compared to manual gas detection.

## About VISICS

VISICS offers added value to industries with a high risk profile and a need for increased safety, maximized productivity and lower costs in times of planned turnarounds and shutdowns.

Our innovative solutions include:

- Digital Confined Space Monitoring
- Remote Gas Detection
- Access Control and Management
- People and Assets Tracking
- Data Analytics
- VISICS 4.0 Security Centre
- Third Party Integrations
- 24/7 Remote Support



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