

Gas Detection.



Safe Data Centre

Detection of toxic, combustible and inert gases.



Safety from H₂, CO and Oxygen Monitoring

Gas monitoring of lithium batteries, hydrogen and fuel cells

The demands on data centers and their processing and storage capacities are growing continuously.

With the growing decline in conventional energy sources, the data center's emergency power supply is increasingly being replaced by renewable energy storage systems. Renewable

forms of energy such as lithium battery energy storage technology and hydrogen and fuel cell technology are becoming increasingly important. In addition to the detection of CO in conventional power supply units, H₂ detection for hydrogen units and H₂ leaks from batteries is also increasing.

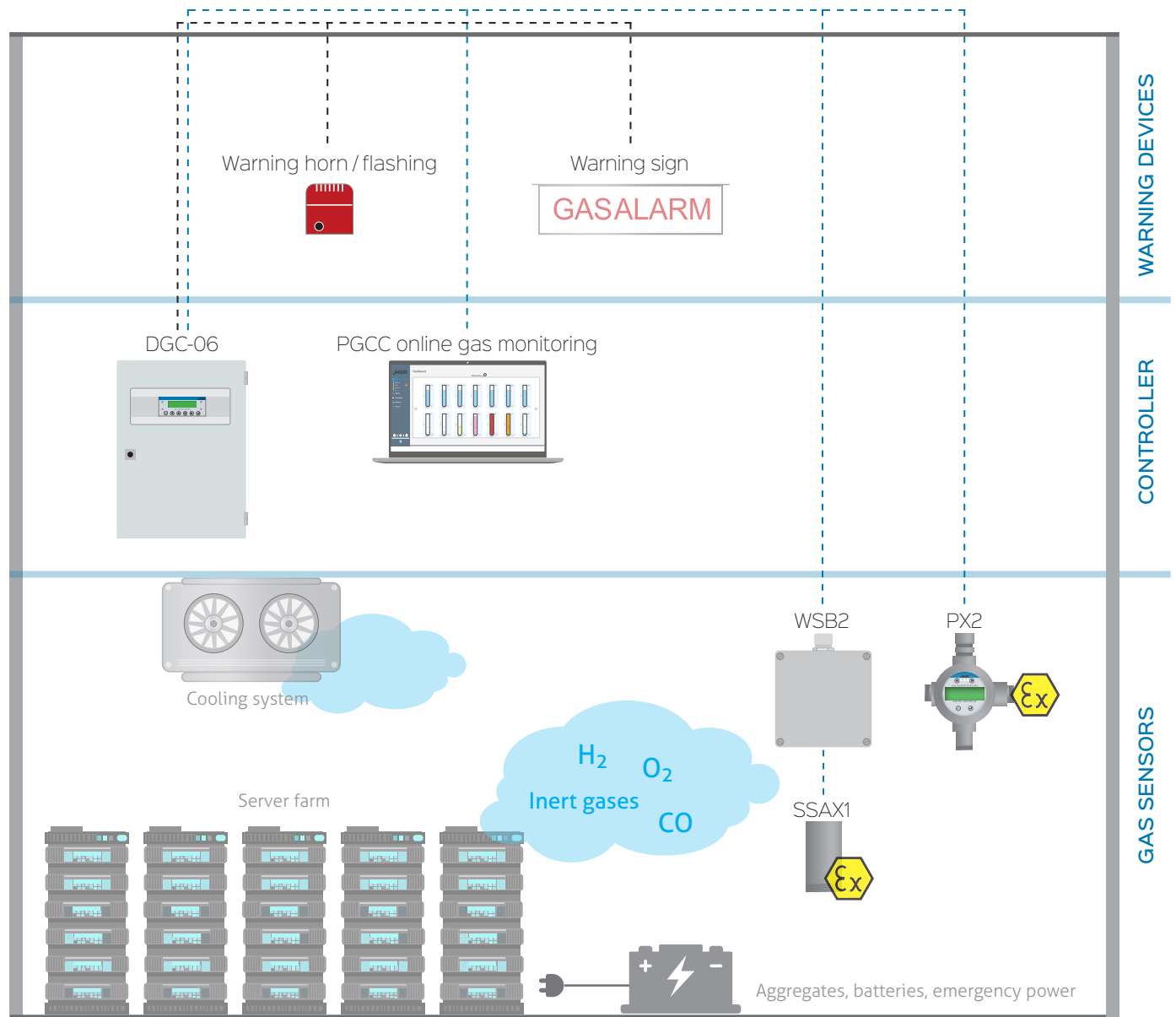
Gas Hazards

Due to the use of inert gases as extinguishing gas in the event of fire, there is a risk of the oxygen present being displaced if the extinguishing system leaks. In order to reduce the heat generated within the data centers, they are cooled with the help of refrigeration systems. Refrigerants such as CO₂, propane and other refrigerants are used - a safe environment is created with the help of MSR-Electronic sensors to monitor possible leaks.

Benefits

- Modular design and compatible with a variety of BMS
- Gas monitoring possible independently of a control panel or monitoring via a control panel with optional visual display possible
- Alarm before a fire breaks out
- Robust against dust, moisture and high/low temperatures, protection class IP66
- Project-related, individual adjustments possible
- Worldwide delivery through international partners

VOC monitoring of the container and early detection of battery defects



Server farm with energy supply and cooling



MSRSHOP24

Configure your products here.



MSR VIDEO

How-to: The commissioning of the PolyXeta®.

Gas Detection.



We are part of the MSR-Group.



MSR-Electronic GmbH

Buergermeister-Schoenbauer-Str. 13

94060 Pocking, Germany

Phone: +49 8531 9004 0

Mail: info@msr-electronic.de

www.msr-electronic.de



MSR VIDEO

The YouTube Channel



MSR IMAGEFILM

Made in Germany



MSR LinkedIn

Find out all the news about us



All rights, product discontinuations, changes and errors reserved.
For further technical data, please refer to the corresponding data sheets.
Photos: MSR-Electronic, Adobe Stock
Version 22/24