

Gas Detection.



HYBRID SYSTEM

For customised Gas Detection Solutions.

O₂

Oxygen

CH₄

Methane

CO

Carbon monoxide

CO₂

Carbon dioxide

NO₂

Nitrogen dioxide

H₂

Hydrogen

Hybrid System

For innovative, dynamic, customised solutions.

The MSR-Electronic DGC controller provides a versatile system incorporating both analogue and digital communication systems, central and field distributed relays, field distributed analogue inputs, battery back-up and cloud connectivity options.

APPLICATION

The DGC controller supports multiple digital lines for addressable gas detectors distributed throughout a building. Minimising system cabling, while maintaining high system integrity. Remotely mounted expansion modules can be utilised to distribute additional relays and detector inputs to suit the system requirements. Remotely mounted analogue inputs are facilitated over digital communication, increasing the flexibility of instrument deployment. Relays within gas detectors in the system can be controlled locally or centrally. Zoning and voting features available within the controller allow for the creation of detector groups capable of carrying out alarm and relay activation based on a voting structure of gas measurements. Full remote monitoring is made possible by the PGCC, Polygard Cloud Control system. Allowing for offsite review of system status, alarm conditions, and gas detector condition.

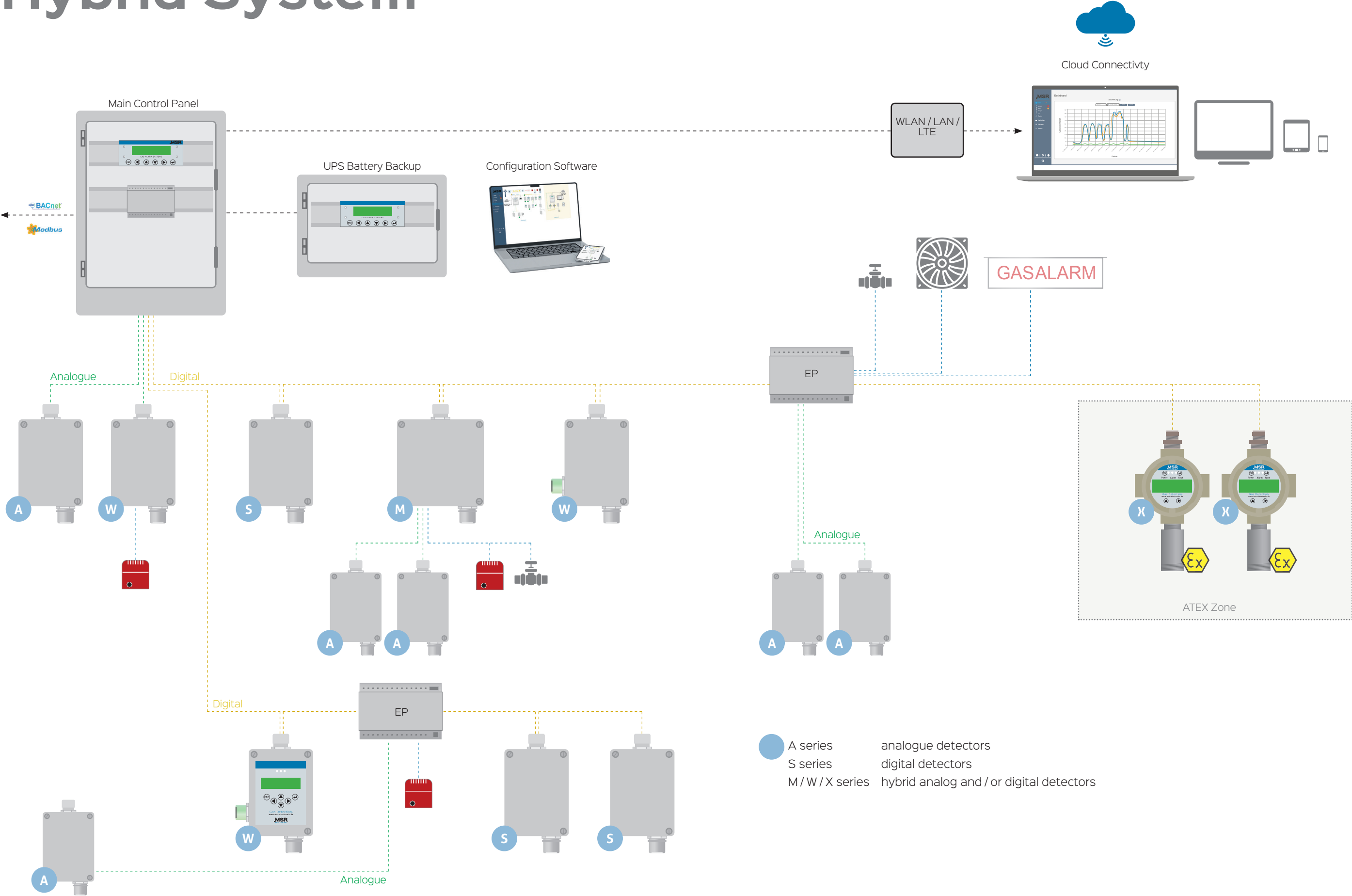


Hybrid analog and / or digital detectors

BENEFITS

- Centralise control via the DGC control panel
- Simple system setup with the PCE software
- Battery back-up options
- Cloud connectivity solutions for remote monitoring of the gas detection system status
- Addressable gas detector network run on digital communication lines
- Capacity for 128 gas detectors, 96 digital PolyGard®/PolyXeta® and/or 32 analogue (4–20 mA) detectors
- Fully configurable system relays mounted centrally or remotely within the system
- Analogue input modules located centrally or remotely within the system
- Compatible with gas detectors from the A, S, W, M and X series
- Zoning and voting of gas measuring points
- SIL2 compliant
- Several external communication options available for integration into building management systems and other third-party equipment

Hybrid System



Global Experts in Gas Detection.

Mit weltweitem Partnernetzwerk und eigenen Niederlassungen über den gesamten Globus.

MSR
ARBA

MSR
ASIA

MSR
AUSTRIA

MSR
IBERIA

MSR
ITALY

MSR
NORDIC

MSR
UK

MSR
USA



MSR VIDEO
Unser YouTube Channel

MSR IMAGEFILM
Made in Germany

MSR Partner
Partner in Ihrer Region

MSR LinkedIn
Hier finden Sie alle Neuigkeiten

www.msr-electronic.de

We are part of the MSR-Group.