



sensitron

A **Halma** company

Gas detection systems



Industrial Line



Marine Line



Park System Line



Building & HVAC-R Line

COMPANY PROFILE



In the market since 1988

Sensitron is a global gas detection company. The product range consists of **gas detection systems**, detectors and control panels, for all applications.

Founded in 1988 in the province of Milan, Sensitron became part of the **Halma plc group** in 2021.

Always focused on innovation and technology, the in-house research and development department pursues product development with the goal of safety for people, environments and the ecosystem in which we live.



For the safety of people and env



For all applications

Fixed **gas detection systems** find application in many sectors. Industrial processes require the use and processing of hazardous substances, such as toxic and combustible gases.

To **safeguard people and environments exposed to the risk of gas leaks**, Sensitron operates in the market with the following product lines:

- _ Industrial Line
- _ Marine Line
- _ Park System Line
- _ Building & HVAC-R Line

ironments we don't compromise.



Industrial Line



With its Industrial line of gas detectors and control panels, Sensitron meets the most different industrial applications for both light and heavy industrial.

The **SMART 3G** series detectors are also used in the paper, food and beverage and cosmetics industries. They are ATEX certified for EHSR and Performance and SIL2 HW, SIL3 SW compliant.

The **SMART S** series detectors are used in harsher and more aggressive environments such as the oil & gas, petrochemical, chemical and pharmaceutical industries. They are ATEX certified and SIL2 HW and SIL3 SW compliant.

The **control panels** are all certified according to EN 60079-29-1, available for 8, 32, 64, 128, 256 channels and meet with the functional safety standards SIL1 and SIL2.



Marine Line



With the Marine line, Sensitron develops a gas detection system certified by Lloyd's Register according to MED/3.54. **MULTISCAN++MED** control panels and **SMART S-MS MED** detectors meet the EMC and environmental requirements of the marine sector.

MULTISCAN++MED control panels are also ATEX-certified and meet SIL2 functional requirements.

The SMART S-MS MED detector is designed to withstand the harsh conditions of the marine environment. It is equipped with a catalytic sensor or infrared sensor to detect flammable gases. The detector is also compliant to SIL 2 Hardware, SIL 3 Software and certified ATEX for Zone 1 with marking II2G Ex db IIC T5 Gb.





Park System Line

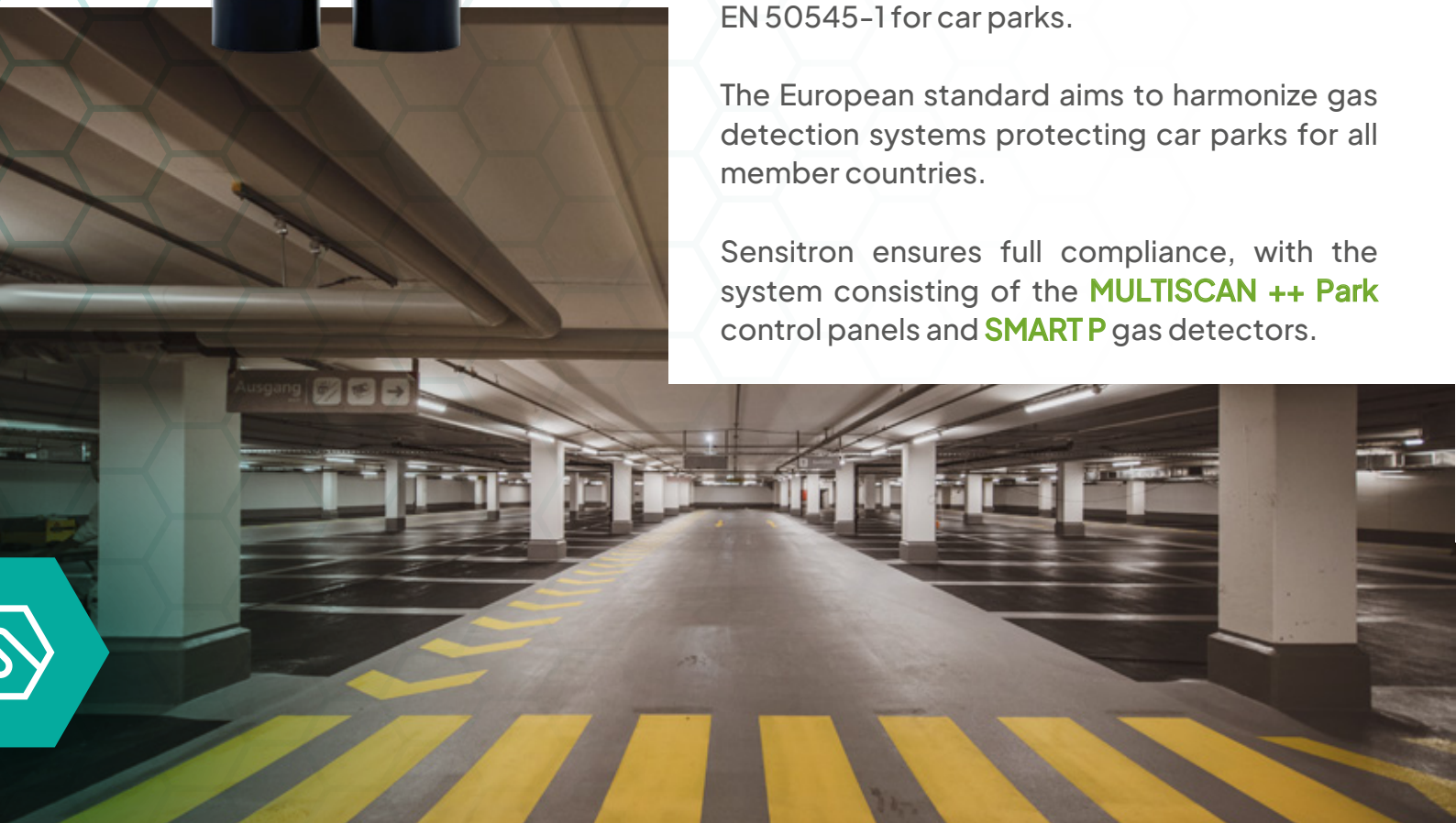


With the Park System line, Sensitron presents two gas detection systems.

The standard version is joined by systems certified according to the European standard EN 50545-1 for car parks.

The European standard aims to harmonize gas detection systems protecting car parks for all member countries.

Sensitron ensures full compliance, with the system consisting of the **MULTISCAN ++ Park** control panels and **SMART P** gas detectors.



Building & HVAC-R Line



The Building & HVAC-R line offers solutions for **residential environments** such as hotels, schools, hospitals, for **machinery and engine rooms**, and for **large industrial environments** such as gas storage depots and refrigeration plants.

The gas detectors in this line are designed to the same safety standards used in industrial environments.

This range of gas detectors guarantees professional detection for gases with a high GWP (Global Warming Potential) and follows the standards of the F-gas directive. These instruments detect flammable gases, ammonia, carbon dioxide (CO₂) and generally all halogenated gases.





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GAS DETECTION SYSTEMS FOR ALL APPLICATIONS

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