

press release

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ABUS protects high-tech gas cylinder manufacturer

From life jackets and fire extinguishers to smoke and heat extraction systems: LBM Techno Gas is a company which boasts a wide range of safety-related products. Since 1987, the company has produced disposable gas cylinders and capsules for use in the area of life-saving technology, amongst others. Completed in 2017, the company's new headquarters in Langenfeld, Germany has been equipped with ABUS' wAppLoxx access control system and video surveillance cameras in line with the highest security standards.

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Anyone entering the company building, which in itself is eye-catching, will instantly notice the arrangement of different-sized steel cylinders, reminiscent of a xylophone, hanging on the wall in the entrance area. These are LBM Techno Gas' products.

Ever since the company was founded in 1987, its product range has been focussed on the manufacture of high-quality, welded tight, non-refillable CO₂ gas cylinders with long-term leak proof properties. In addition to CO₂, the company's gas cylinders and capsules, which are available in sizes ranging from 37 mm up to 2 L, can also be filled with nitrogen or argon, depending on customer requirements and use. Potential areas of application are varied and can range from fire protection, such as fire extinguishers or smoke and heat extraction systems to life-saving technology, such as avalanche airbags, life jackets, life rafts, and floatation aids through to use in the military, where LBM gas cylinders are used, among other things, in survival suits by submarine crews.

LBM's products ensure the highest level of safety in a multitude of ways; with this in mind, it made sense to appoint another well-known expert in the field of safety technology to secure the new company building in Langenfeld: ABUS.

About ABUS Security-Center

ABUS Security-Center is a manufacturer of innovative alarm systems, video surveillance systems and access control systems. As a member of the ABUS Group, the company specialises in industry-specific security requirements as well as the needs of private users. Its focus is on developing comprehensive and highly user-friendly security products, fusing mechanical components, alarms, access control and video surveillance to produce complete security solutions. While its main market is Europe, the company is also represented worldwide. ABUS won the "Most Innovative Brand 2017" Plus X Award in the "Electrical and Media Technology" category.

Security right from the start

LBM's authorised representative Lars Blöcher placed an emphasis on security "right from the start" in order to avoid any nasty surprises during the construction phase as a result of thefts from the construction site and to ensure the site remains safe from thieves or any unnoticed incidents later down the line. To this end, LBM employed the services of a long-time partner in the neighbouring region: namely, family-run business, Herbertz Sicherheitstechnik. Herbertz Sicherheitstechnik has been a partner of ABUS since 1984 and has unrivalled expertise in installing complex security systems.

Making full use of ABUS video surveillance

Numerous ABUS IP cameras have been installed at the premises: at the entrance area, on the building's exterior and in the stairwell. These electronic eyes were installed by Herbertz Sicherheitstechnik and record footage with the help of a digital recorder; the system automatically flags areas where motion is detected. In future, the company also plans to connect an ABUS IP camera to the intercom at the entrance door in order to see which visitors are waiting to enter the building.

The perfect addition: wAppLoxx access control

Particularly worthy of note is the property's extensive use of wAppLoxx, ABUS' electronic access control system, a perfect addition to the building's existing alarm system. wAppLoxx brilliantly overcomes the major challenge of securing a large site with several access points, without having to resort to additional locking elements or similar. This can be seen in two independent alarmed areas within which access authorisations can be assigned individually: for one, the production area, social spaces and an indispensable main office are accessible to all employees. This is the only area that is accessible to shift workers and temporary staff. Access to the building and the associated disarming of the alarm system is exclusively via a central external door in the production hall. A smaller group of employees can also access the other offices situated on the ground and first floors. General access is restricted to members of the management team. In total, around 30 locking cylinders have been installed and approximately 40 transponders are in use every day. This represents the largest wAppLoxx project carried out by Herbertz Sicherheitstechnik to date. In order to fully meet the

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customers' requirements, innovative customised solutions featuring specially adapted electronic ABUS cylinders have been installed on two internal doors as well as on the sliding door leading to the building's inner courtyard.

Authorised representative Lars Blöcher is more than happy with LBM Techno Gas' security system: "Thanks to ABUS, our video, alarm and access control systems work hand in hand."

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