

Modernization Made Easy

CEDES' products help to make existing elevator equipment safer and more efficient.

Modernizing existing elevator equipment is more valid today than ever before. This does not simply mean freshening up the aesthetics of the older equipment. Existing elevator equipment often needs to be modernized due to new safety regulations, higher comfort demands, but also for increased efficiency or for the intrinsic value of the buildings. As one of the leading manufacturers of optical sensors and controller components for the elevator industry, CEDES offers elevator companies many interesting solutions with which they can adjust their existing equipment very economically and easily to the new requirements.

cegard/3D – Three-dimensional safeguarding of elevator entrances

There are application areas, such as retirement homes or hospitals, where the safeguarding of the door using only door edges no longer suffices. CEDES specially developed cegard/3D for these “no compromise” applications. Alongside the danger zone between the doors, the 3D system additionally monitors the area in front of the doors. People and objects who approach the elevator doors during the closing process are reliably detected and the door is reopened before someone can be injured or an object damaged. Compared to other 3D monitoring systems available on the market, the detection area does not reduce while the doors are closing, thus ensuring dependable detection during the entire closure process. Because of the modular design, cegard/3D is virtually predestined for modernization. Existing 2D elevator door safeguarding, i.e. only equipped with door edges, can be upgraded, using an additional 3D sensor, to a 3D system. cegard/3D can be combined with every door edge system available on the market, irrespective of origin, type or manufacturer.

cegard/Max – Adaptable and proven

The cegard/Max door edge has revolutionized the monitoring of elevator doors, in relation to safety and lifespan, since its introduction more than 10 years ago. The robustness and the absolute dependability, even in adverse conditions, is highly valued by elevator manufacturers and carriers. Furthermore, modernization can be realized incredibly quickly and economically. Thanks to the flexible design, cegard/Max can be perfectly integrated into existing equipment. The position of the individual beams, as well as the length of the edges, can be specified to the millimeter accord-

ing to customers' requirements and wishes. Additionally, various mounting kits are available for the most diverse door types, which ensure a simple and dependably functioning installation. Even the color of the edges can be specified.

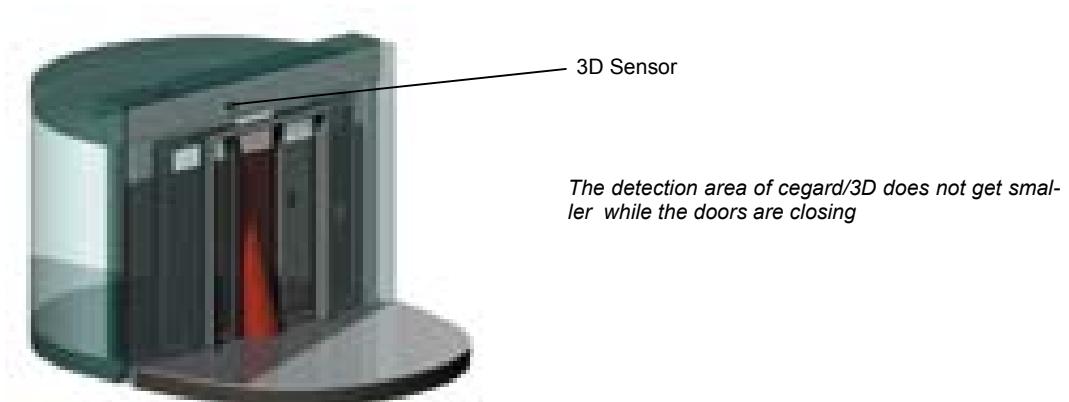
cegard/Lift – Elevator safety without car doors

In various European countries, new regulations such as EN 81-80 demand that elevators without car doors must be monitored by a safety device. As a cost-effective alternative to the subsequent fitting of interior car doors, CEDES offers the cegard/Lift door edge family. Certified in accordance with EN 954-1, category 2 (cegard/Lift LI), respectively IEC 61508, SIL 3, cegard/Lift provides the required safety and therefore also maintains the value of older elevator equipment. With an operating range of up to 8 meters, it is also ideal for large freight elevators.

Long-term maintenance of value

By using innovative products, armed with the most up-to-date technology, the safety, efficiency and comfort of existing elevator equipment can be improved very quickly and comparatively inexpensively. High quality components ensure reliability and the long-term preservation of value.

Germany: For questions referring to this press release, please contact Mr. Peter Stephan from CEDES GmbH in Rheinhausen (+49-7643-9111-0, info@cedes.de www.cedes.com).



CEDES



The well-proven cegard/Max system. Still the market favorite even after ten years



Modernization of elevators without car doors: the true alternative to the laborious and expensive fitting of interior cabin doors