



## Safety Tripled

The 3D monitoring system, cegard 3D, monitors the access area of elevators not only between the doors but also the area directly in front of them. The flexible system is ideal for applications where the safeguarding of doors is especially demanding, and must be nonetheless very reliable.

cegard/3D combines and uses the advantages of two independent sensor systems. In contrast to normal 3D light curtains, the 3-dimensional detection area does not vary during door closure. And what's more, cegard/3D functions with all existing door monitoring systems, independent of whether they are installed dynamically or statically. The system is used for elevators which alongside the two-dimensional elevator door monitoring, additionally require the area in front of the doors to also be observed.

Persons and objects are reliably detected during the entire door closure process. If a person or object is detected in the monitored area a signal is sent to the door controller. The doors can then be reopened in sufficient time to avoid personal injury or damage to objects.

The modular design of the system means that current door safeguarding carried out by only a light curtain system can be incredibly inexpensively upgraded to a 3-dimensional protection system.

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