

Application note



Subject:
**Early Detection for
Maximum Safety and Comfort**

Industry:
Access Controls

Product:
LEYON-Safe-E

Customer:
OEMs

CUSTOMER NEED

With industrial doors operating at higher speeds to improve productivity and reduce energy loss, the risk of injury to people and damage to vehicles increases.

Traditional safety devices—such as light curtains and safety edges—are installed in the door leaf, meaning a person or vehicle must enter the doorway to be detected.

In busy workplaces, distracted workers or approaching vehicles may not be detected in time, creating potential safety hazards or vehicle damage.

OUR SOLUTION

LEYON-Safe-E monitors the area in front of the door, providing early detection of people and vehicles before they reach the doorway.

By detecting objects in advance, the system enables the door to stop and reverse safely, preventing personal injury and damage.

Its wider detection field ensures reliable operation even in busy, fast-moving environments.

BENEFITS

- **Early detection:** Monitors the area before the door, preventing potential impacts
- **Enhanced worker safety:** Protects distracted or unaware personnel
- **Door protection:** Prevents damage from fast-moving industrial vehicles
- **Smooth door operation:** Early door reversal ensures minimal disruption
- **Increased comfort:** Users can approach the door without worry of abrupt stops or impacts
- **Reliable in busy environments:** Maintains safety even under high traffic conditions