

BLAXTAIR®

PEDESTRIAN
PROXIMITY
DETECTION



UNIQUE 3D
HUMAN SHAPE
RECOGNITION



YOUR TARGET: ZERO ACCIDENTS

- Enhances safety, working conditions & productivity
- Protects against the risk of people/vehicle collisions
- Proven in the field, to be the most efficient collision avoidance solution on the largest installed base of industrial vehicles*.
- Based on studies carried out by Safety Authorities

Using Artificial Intelligence, Blaxtair distinguishes, in real time, a person from an obstacle/object and alerts the driver to the danger, without sounding unnecessary alarms.

ENHANCED PEDESTRIAN SAFETY

- With its ability to differentiate pedestrians and obstacles in real time, Blaxtair alerts the driver to the danger and helps to prevent serious accidents on industrial sites.
- Cutting-edge Artificial Intelligence (AI) technology reinforces the message to employees and business partners, that safety is your top priority.



HIGHLY ROBUST & EASY TO INSTALL

- Operational in harsh and tough environments, e.g. strong vibration, high impacts, wide temperature variance (-40°C to +75°C), glare, mud, snow, fog.
- Waterproof and dustproof (IP69K sensor head).
- Compatible with all types and brands of industrial vehicles (forklift trucks, wheel loaders, excavators, dumpers, etc).
- Customisable detection zones.
- Multiple configurations and options, as required.

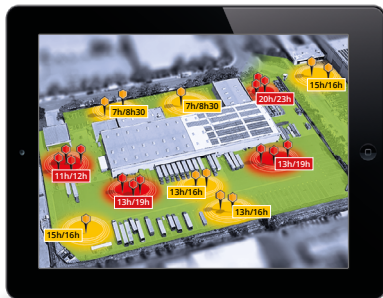
INCREASED PRODUCTIVITY AND BETTER WORKING CONDITIONS

- Blaxtair generates only relevant alerts for the driver, avoiding nuisance alarms and alarm fatigue.
- Avoids incurring costs related to downtime, workplace accidents or fatalities.

OPTION: BLAXTAIR CONNECT - DATA ANALYSIS

BLAXTAIR CONNECT®

- Blaxtair Fleet Management
- Active forecasts of accident risk areas
- 'Hot Spots' mapping
- Near miss reporting



BLAXTAIR 3 MAIN ELEMENTS

- 1 **Stereoscopic sensor head:** captures 3D images
- 2 **Processing unit:** recognises and localises people in danger thanks to AI algorithms
- 3 **Alert devices:** LCD display or LED/Buzzer alerts the driver through visual and audible alarms if a person is detected in the defined danger zone.



*Over 10 000 Blaxtair in operation in 2021.

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