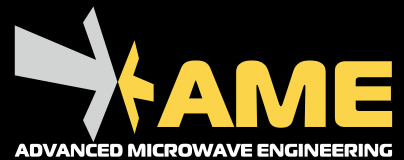# EGOpro
Safe **Move 4.0**

Proximity Warning & Alert System

EGOpro SAFE MOVE 4.0

AME develops and implements Security & Safety solutions applying proprietary technology to manage danger zones. These solutions can be used in any type of vehicle and any kind of industrial environment.

EGOpro Safe MOVE 4.0 minimises the possibilities of accidents between forklifts and pedestrians in common working areas.

By means of visual and sound alarms, the system warns the driver, in real time, about the presence and position of operators wearing active PPE that enter the danger areas around a vehicle in motion.

With the system, the driver can promptly take the most appropriate safety measures to avoid hitting other operators or other vehicles.
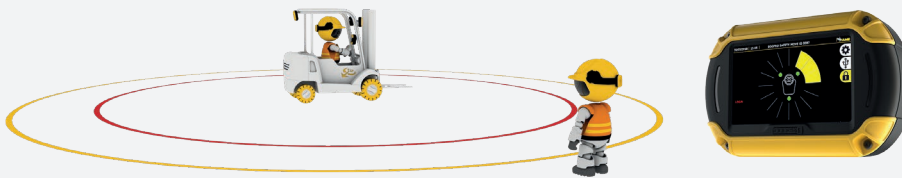
BENEFITS

- Risk of collision is reduced
- Detection despite obstacles.
- Range configurable up to 50 m
- Patented technology which allows high flexibility
- Data/event logging and analysis
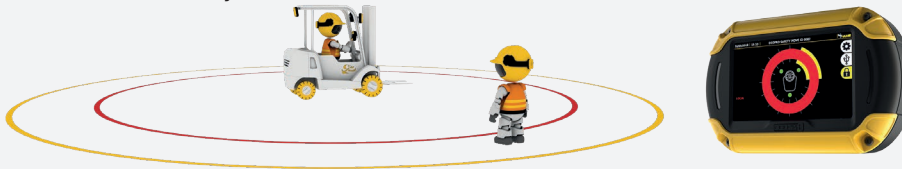- Long life (up to 3 years), replaceable battery TAG.

HOW IT WORKS

PRE-WARNING | Range ADJUSTABLE up to **50m**.
Display showing the position of the worker around the vehicle with the option of managing a relay contact.

WARNING | Range ADJUSTABLE up to **15m** depending on the type of TAG.
Display showing the position of the worker around the vehicle with connection to a second contact relay.
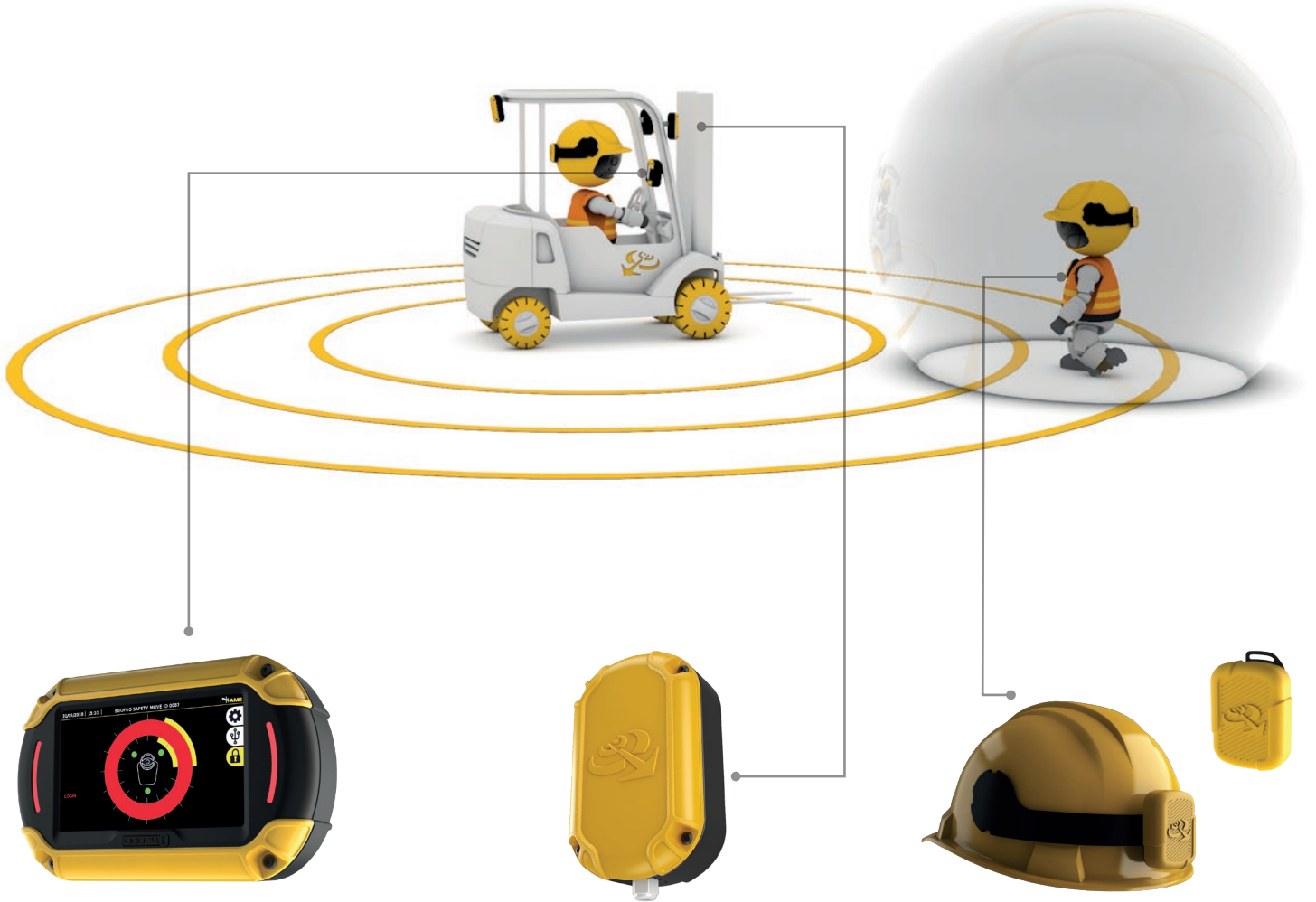

WARNING vehicle/vehicle | Range ADJUSTABLE up to **100m.**
Display showing the position of the vehicle.

DEVICES OF THE PROXIMITY WARNING & ALERT SYSTEM

CONTROL UNIT

- Visual and sound alarm
- Configuration flexibility via the touch screen
- Self-diagnosis with alerts shown on the display
- Selective alarm - No false alarms
- Records log – events - driver ID
- Remotely controlled

MULTIFUNCTION SENSOR

- 360° detection
- 2 alarm zones:
  - Pre-warning
  - Warning
- Vehicle/vehicle anti-collision
- Industrial design, IP 67
- Automatic detection of multiple TAGs

ACTIVE TAG

- Long life (up to 3 years), replaceable battery
- Can be integrated to different PPE thanks to the kit of accessories.
- Special version for safety helmets
- Ergonomic case
- Device to disable the TAG Driver

EGOpro MANAGER

SAFETY STARTS AT THE ANALYSIS

The latest and innovative function introduced by AME is EGOpro MANAGER, a software that analyses all the operator/vehicle and vehicle/vehicle interaction events that the system records.

The software processes the data received from the Control Unit fitted on the forklift truck, sorts out such data through specific filters (for instance, for TAG detection by zone, time, day, speed, etc.), and makes reports on:

- operating dynamics,
- activities and zones that are more susceptible to have operator/vehicle interaction,
- times, days and manoeuvres that are more dangerous.

OPTIONAL MODULES

- ☑ BADGE MODULE: identifies the driver and, therefore, controls access to the vehicle.
- ☑ AISLE MODULE: identifies when there is a vehicle in an aisle and, therefore, when to modify the activation range.
- ☑ WI-FI MODULE and GSM: make it possible to automatically download data directly to the server and to make a remote connection.
- ☑ GPS MODULE: detects a vehicle's speed and position.
- ☑ CHECK LIST MODULE: runs a pre-operational check with operational questions on the display.

EGOpro SAFE ZONING

The EGOpro Safe Zoning system manages forklift performance in specific zones complying with the customer's safety requirements.

By setting up 'electronic gates' and via a device fitted on the vehicle, the system can manage forklift performance in real time.

When a forklift truck enters a 'safe' zone, it immediately receives all the data needed to enable all the pre-set safety functions (for instance, it automatically reduces speed, blocks or limits fork elevation, switches on work lights, etc.).

Besides changing a vehicle's performance, the system also interacts with the surrounding environment based on the specific customer's requirements (for instance, opens doors, switches on lights, triggers sound alarms, etc.).
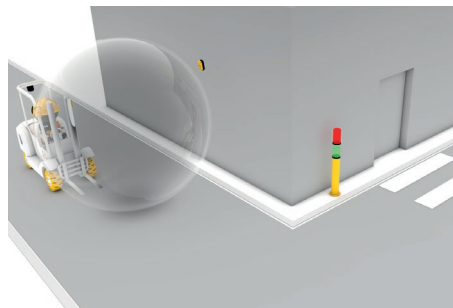

EGOpro SAFE ZONER

It delimits a restricted activation zone within which a vehicle or surrounding environment will adjust their functions to those required by the customer.
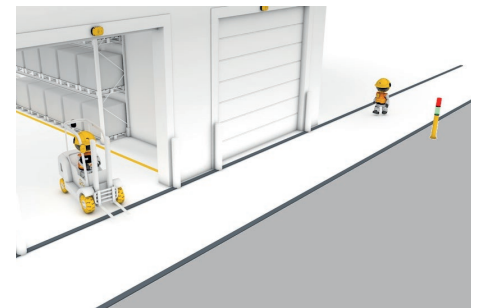

EGOpro SAFE CROSSING

In those zones where visibility is reduced, such as crossings or aisles in a warehouse, the system warns operators about a risk of accidents by means of sound and light signals.

EGOpro SAFE FAST DOORS

The system automatically opens the fast door and, by means of sound and light alarms, signals to the pedestrian that the vehicle is about to cross.

AME

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