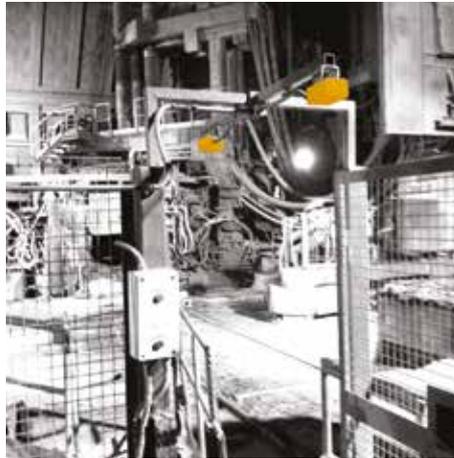# EGOpro

Safety

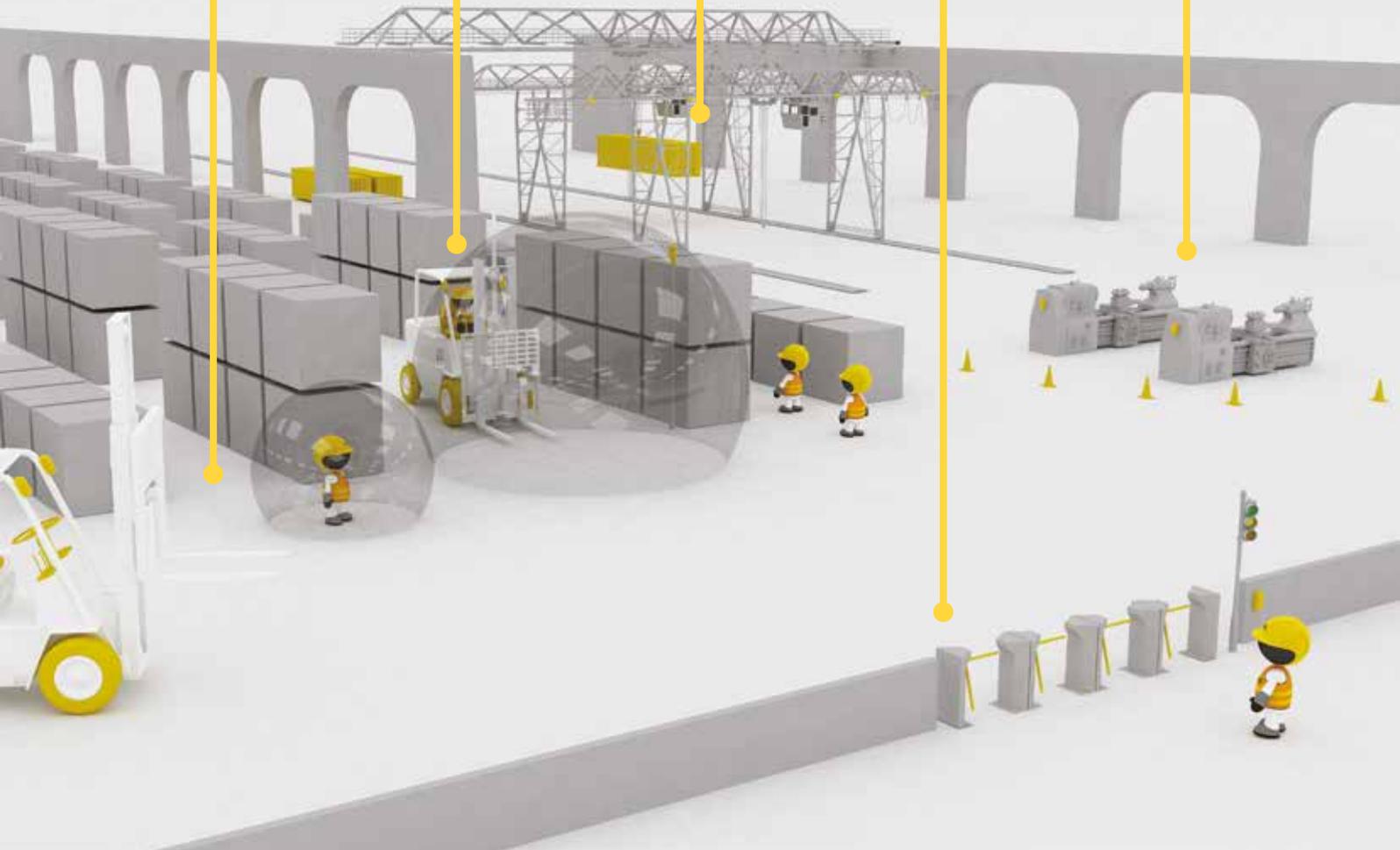Active Safety Solutions

EGOpro ACTIVE SAFETY
THE SOLUTION

The EGOpro Active Safety solutions, based on proprietary technology and using the very latest technological tools, allow the highest levels of worker safety to be achieved, whilst maintaining or even increasing operating efficiency and without impacting the corporate infrastructure.

By analysing the operating environment, placing EGOpro Active Safety sensors on the potential hazards (moving vehicles, cranes, machinery, etc.), and by equipping operators with an Active TAG, an intelligent environment can be created in which the presence of an operator in a hazardous zone can be detected by the system which then, as a result, interacts with the environment itself in real time (activating visible and acoustic alarms, reducing vehicle speeds, stopping machinery, etc.).

In this way, AME puts workers at the very heart of its active safety systems, creating an environment which can detect and objectively evaluate potential hazards for the worker and signal them with an appropriate alarm, in real time, in order to help prevent accidents at work.

EGOpro ACTIVE SAFETY

SAFE ZONING

SAFE MOVE

SAFE CRANE

SAFE ACCESS CONTROL & TRACKING

SAFE ANTI-CRUSHING

EGOpro SAFE ACCESS CONTROL & TRACKING
ACCESS MANAGEMENT AND OPERATOR MONITORING

The first tool used to ensure safety in hazardous environments is the one used to control access and to monitor personnel in operational zones.
EGOpro Safe ACCESS CONTROL manages access authorisations to companies, construction sites, warehouses, etc. in an integrated, flexible way.
The system enables permissions to be managed by identifying the person or vehicle and the authorisations agreed with the client in accordance with:
> Personal data, Calendar, Time slots and suitable documentation
> Customised profiles
> Management/limitation of access levels

> Integration with CCTV – video entry phones – etc.

With the EGOpro Safe TRACKING solution, it is even possible to locate, in real time, the zone in which a person is working once they have entered the company.
In this way, in the event of an emergency, by being able to see how operators are dispersed across the various zones, any evacuation or intervention can be optimised and speeded up.
The system can generate acoustic or sound alarms or send emails or messages related to hazardous situations in the zones being monitored such as, for

example: maximum time an operator can remain in a hazardous zone, or zones with a maximum number of people permitted.

The software platform, available on a web-based architecture, can manage identification terminals using the most widespread personal identification technologies (badges, cards, passive RFID tags, etc.), strong authentication (biometric systems) and, most importantly, it exclusively integrates hands-free LNXessence systems which guarantee the best performance in Long Range identification systems (active TAGs).

EGOpro SAFE MOVE
FORKLIFT AND OPERATOR PROXIMITY WARNING AND ALERT SYSTEMS

The EGOpro Safe MOVE solution minimises the risks of accidents between forklifts and pedestrians in shared working zones.
By visual and sound alarms, the system warns the

driver, in real time, about the presence and position of operators wearing active PPE who enter the dangerous zones around the vehicle in motion.
With the system, the driver can promptly take the

most appropriate safety measures to avoid impacts with other operators or other vehicles.

EGOpro SAFE ZONING
CREATING SAFE OPERATING ZONES

The EGOpro Safe ZONING solution creates, using sensors, delimited and safe operating zones in which forklifts and the surrounding equipment adjust their performance to the demands indicated

by the client.
The EGOpro Safe Zoning system manages forklift performance in specific zones, in observance of the client's safety requirements.

Furthermore, in zones with reduced visibility, such as junctions and warehouse lanes, it warns operators on foot of potential hazards with acoustic and visual alarms.

EGOpro ANTI-CRUSHING
CONTROLLING HAZARDOUS ZONES

The EGOpro Anti-Crushing solution manages access to high-risk zones and can issue visual and acoustic alarms or stop the machinery whenever an operator steps beyond the safety perimeter around the

hazardous machinery.
The sensor identifies and prevents access to zones by non-authorised personnel by issuing a visual or a sound alarm. In addition, it prevents accidents in the

event in which, for reasons not dependent on the operator, such as an unforeseen issue or an accident, the operator finds him/herself beyond the safety perimeter.

EGOpro SAFE CRANE
RADAR AND RFID PROXIMITY WARNING AND ALERT SYSTEMS FOR CRANES

The EGOpro Safe CRANE system, with both RFID technology and RADAR technology, manages crane interference zones on one or more sliding planes.

The EGOpro Safe CRANE system manages crane performance in real time from the moment it enters a zone considered hazardous due to its proximity to another crane.

The system can also report, with visual and acoustic alarms, the hazard and the position of the operator moving on the ground, under the crane.
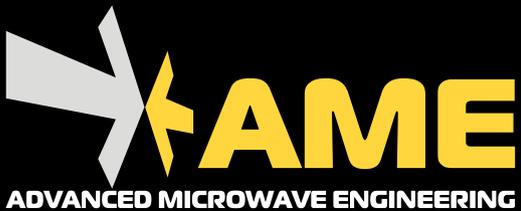
ACTIVE TAG

The EGOpro Safety active TAG is a triple-technology TAG which is worn by operators who work or move in operational zones.

The TAG is designed to be integrated with various other personal protective equipment (safety helmets, high-visibility jackets, etc.) and has **a life of 3-4 years.**

The TAG allows an operator to be detected by the sensors in EGOpro Safety systems and, therefore, significantly increases the intrinsic safety in the work zone without adding to the worker's normal activities.

AME

ADVANCED MICROWAVE ENGINEERING