



EGOpro

Safety Access Control

Safety tool

«Managing access control in hazardous or restricted areas»

EGOpro Safety is an innovative system that integrates modular solutions for active safety in the workplace. EGOpro Safety uses a unique technological approach that ensures security & safety management in operating areas - an issue which is increasingly felt in the labour world.

The first tool to ensure safety in hazardous environments is that of access control. EGOpro Safety Access Control is the module of the EGOpro Safety system that fully manages access to operating areas in an integrated and flexible manner.

The system

EGOpro Safety Access Control is an integrated solution for the automatic management of entries to operating areas (SECURITY) and for the regulation of entries to hazardous or dangerous areas (SAFETY).

The Access Control system is based on a next-generation Software platform that manages, monitors and tracks all entry/exit movements of both staff and machines from restricted areas. The Software platform (available on a web-based architecture) is able to manage identification terminals based on the most popular technologies for personal identification (badges, name tags, passive RFID tags, etc. ...) and strong authentication (biometric systems); above all, it exclusively integrates Hand-free LNXessence systems which guarantee top performances in the field of Long Range Identification Systems (active TAGs).

The integration with the LNXessence technology makes the EGOpro Safety Access Control system compatible with all other modules of the EGOpro Safety line, such as Move, DPICheck, Anti-crushing, etc...



Functions

> PERSONAL IDENTIFICATION

The system allows for the management of permissions through the identification of the Tag of the person

> DATA LOGGING AND MANAGEMENT

The system monitors and tracks all entry/exit movements from physical and virtual points and hot spots for the safe management of restricted areas. The system manages entries according to classic access control processes based on the identification of persons and machines (personal data, customized profiles, calendar, time zones, entry levels, double control, alarm management, etc.).

> MACHINE/PERSON ASSOCIATION

EGOpro Safety Access Control can manage machine access control together with personal control by using the EGO BOOSTER Tag which associates the identification of the machine with that of its driver, integrating active technology (which identifies the machine) with passive technology (which identifies the driver) in the same device.



Benefits

> ENHANCED SAFETY

The EGOpro Safety Access Control system, based on the identification of staff at the points of access to a construction site or factory or establishment, controls and makes sure that no unauthorized staff enter hazardous operating areas.

> GREAT FLEXIBILITY

EGOpro Safety Access Control allows for the implementation of control and safety solutions with maximum flexibility for the designer, suiting itself to any operating need and environment. The access control module can be fully integrated with all other EGOpro Safety solutions.

> HAND-FREE, LONG RANGE ACCESS CONTROL

The access and registration of movements is automatic, without requiring any step (hand-free). Identification can take place at an adjustable distance of over 25 meters.

REFERENCES



ADVANCED MICROWAVE ENGINEERING

A.M.E. designs, develops and manufactures integrated turnkey solutions for Security & Safety, logistics and automation and control in industry.

AME has advanced expertise in wireless communications systems and exclusive technologies in RFID and microwave sensors.

Its strategic objective is to exploit its skills to improve ergonomic and safety conditions in operating environments other than to optimize the performance of production processes.