driv|o|x®

PORTFOLIO

2023

SAFETY SYSTEM

DRIVOX® SOLUTION

NEURAL NETWORK SAFETY SOLUTION FOR INDUSTRIAL VEHICLES

Drivox® is a product based on **AI** technology (Artificial Intelligence through neural networks) from Xesol Innovation. It is a safety system for industrial vehicles that detects and differentiates pedestrians from objects, alerting the operator by means of a visual and audible alert in case of potential risk of collision.

DRIVOX® ADVANTAGES

☑ Neural networks that operate in real time, dynamically processing the environment and generating visual and audible alerts.

☑ Accurate detection of people in any posture. In addition to differentiate between people and objects.

☑ The display integrated into the processing unit makes it the most compact system on the market, easy to install and configure.

☑ Plug&Play, no need for additional devices (e.g. tags) to operate and integrate additional fleet management modules.

driv|o|x®

Increases the safety of the company to avoid the high number of accidents in the work environment.

Prevents direct costs resulting from thousands of accidents, collisions and fatalities annually.

DRIVOX® COMING SOON

+ Longer viewing range, neural network up to 25 meters.

+ More detection coverage, an extra camera in each direction (front and rear).

FLEET MANAGEMENT

DRIVOX® CONNECT

THE ERA OF INDUSTRIAL DIGITALIZATION IS HERE

A *dashboard* that records events and provides reports for decision making, through connection to the cloud.

☑ Automatic logging of different events and other **Drivox®** functions to optimize vehicle fleet management.

☑ Connectivity without the installation of additional devices in the vehicle, technology integrated in the **Drivox®** display.

☑ Constant updating of data and automatic generation of reports as a tool for accident prevention.

Number of alerts of persons

Hours of use of each vehicle*

Report of alerts by periods

Registration of driver's log*

Verification of daily checklist*

*Subject to the activation of additional functionalities (Checklist, ID and Fleet manager).

DRIVOX® CHECKLIST*

WE OPTIMIZE DAILY FLEET INSPECTIONS

A *checklist* customized to the company's needs, with configuration of additional questions and limiting elements.

- ☑ Application integrated in the touch display of our **Drivox**® device, without the need for additional hardware.

- ☑ Easy to set up for the first time and modify at any time from the configuration interface.

- ☑ No paperwork for logging daily revisions through the fleet manager cloud (*equipment with connectivity)

Allows to block the machine start-up until the checklist is covered once per shift.
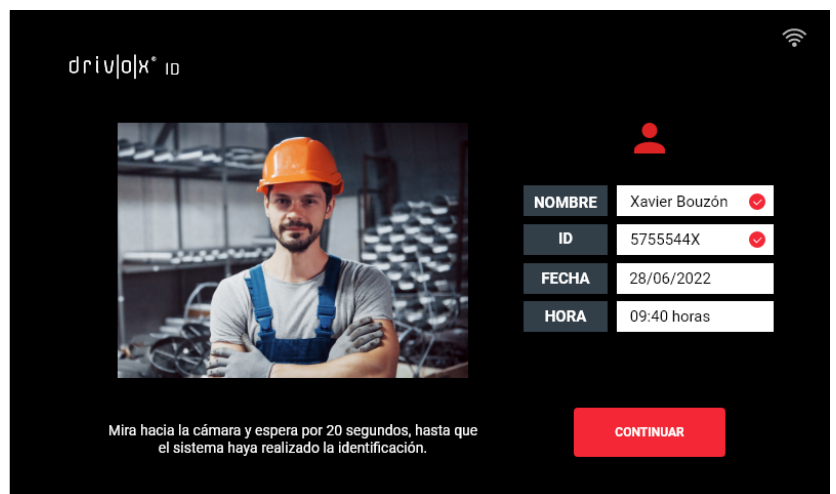
DRIVOX® ID*

BIOMETRIC IDENTIFICATION OF DRIVERS

We optimize the management of operators with *biometric identification* for authorized fleet driving.

- ☑ The biometric registration by camera integrated in the **Drivox®** display will automatically identify the operators.
- ☑ Leave management is streamlined in the event of changes in the workforce and during vacation periods.
- ☑ Optimizes the monitoring of authorized drivers, without the need for external elements such as the use of tags.

The use of the machine is ensured only by authorized personnel previously registered.

DRIVOX® FLEET MANAGER*

CUSTOMIZED MAINTENANCE PLANNING

Monitoring of the work performed by the fleet through the recording of total and actual work.

- ☑ Registration and consultation of hours of use of each vehicle (total and effective work).

- ☑ Configuration of alerts by usage limits.

- ☑ Customization of the maintenance planning of vehicle parts.

A tool that unifies fleet planning according to the wear and tear of each vehicle.

COMING YEAR 2023

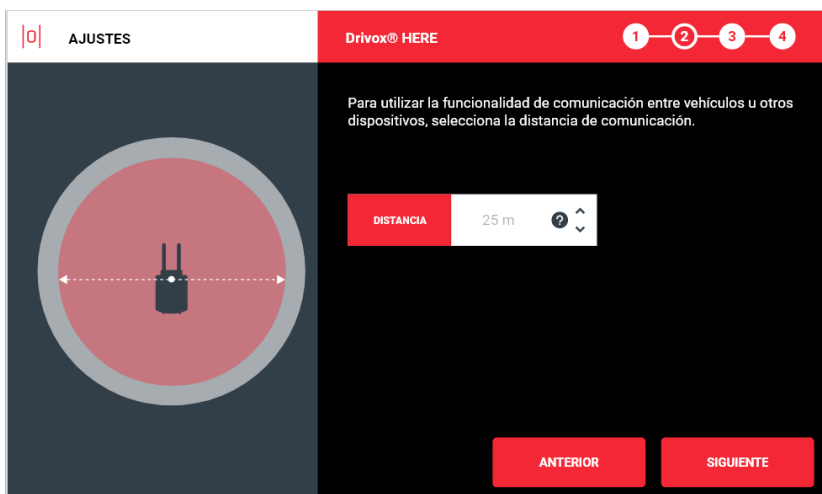**+**   **DRIVOX® HERE**

+   ....

DRIVOX® HERE

V2X MACHINE-TO-MACHINE COMMUNICATION*

V2X communication helps to avoid collisions in areas with no visibility between vehicles such as intersections and conflicting corners.

- ☑ The **Drivox® HERE** module will generate an alert when a machine is within the detection area configured by the user.

- ☑ **Drivox® HERE** can interact with vehicles or other devices (e.g., traffic lights and automatic gates) equipped with this technology.

- ☑ Unlike other technologies, **Drivox® HERE** discriminates parallel progress to avoid false collision alerts.

Transmission and reception of radio frequency signals for communication between industrial vehicles.

- ○ Plug & Play solution.
- ○ Easy configuration, from the **Drivox®** interface.