



GENERAL OVERVIEW

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Innovative Safety Solutions 4.0

Achieve Accident-Free Workplace By Interactive Protection



10+ years of experiences

History of ALIS Tech Ltd.

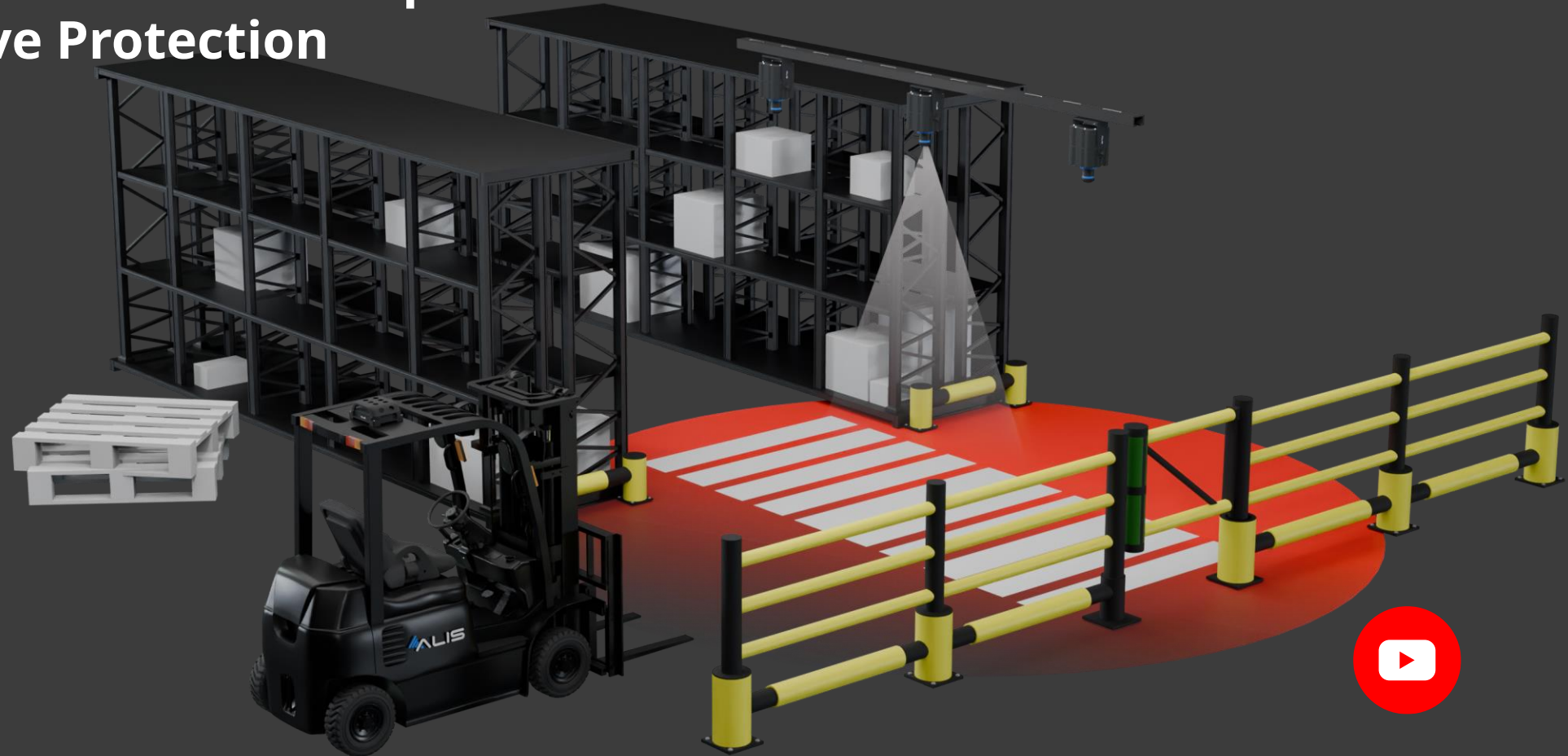
10+ years on the HSE market

- 2011-2018: on the CZE market;
- 2018 – present: dealership across the Europe.



Core parts of ALIS solution

Achieve Accident-Free Workplace By Interactive Protection



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Core parts of ALIS solution

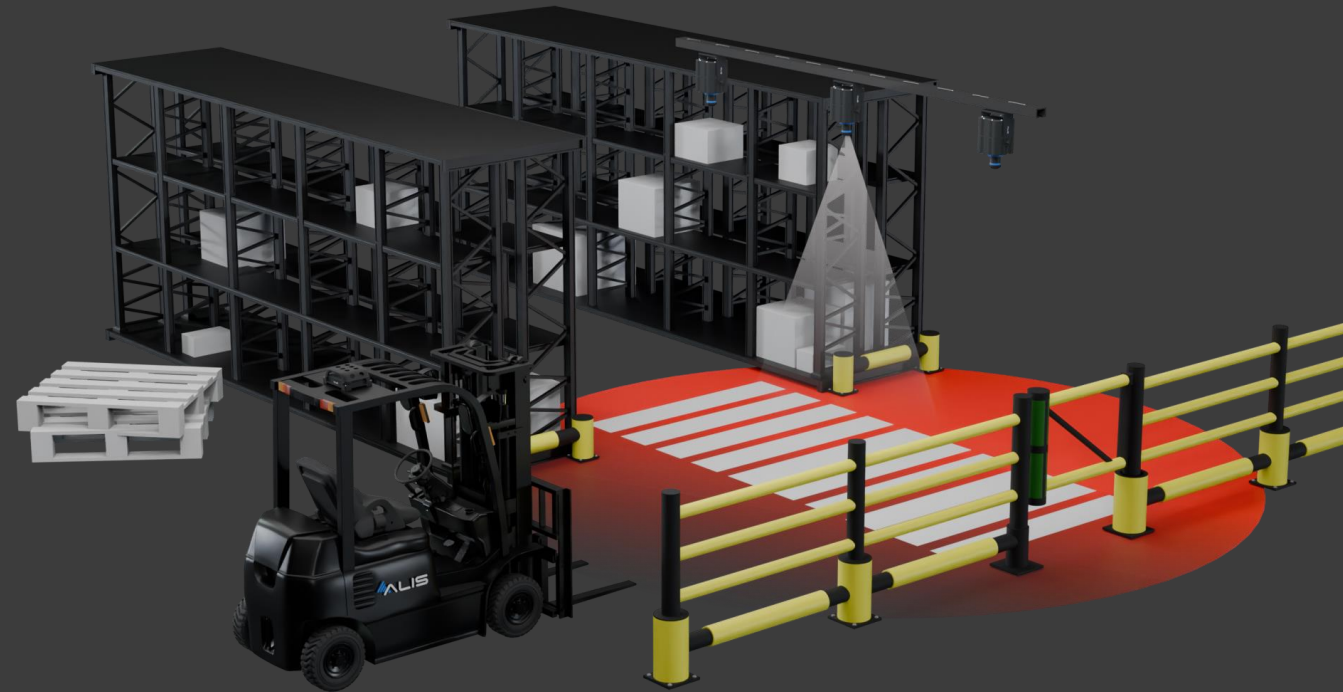
Achieve Accident-Free Workplace By Interactive Protection

LED Floor Marking Division

- Illumination of safety signs, pedestrian crossings, logos, etc.

Collision Avoidance Division

- Speed limits with MHE deceleration in certain zones;
- Pedestrian collision avoidance.



LED Floor Marking Solution

Industrial LED Projector With IP Cover 65

Variety of LED projectors

- Depending on the installation height, environment, desired final size of symbol.
- Power of the LED projectors from 25W to 300W.

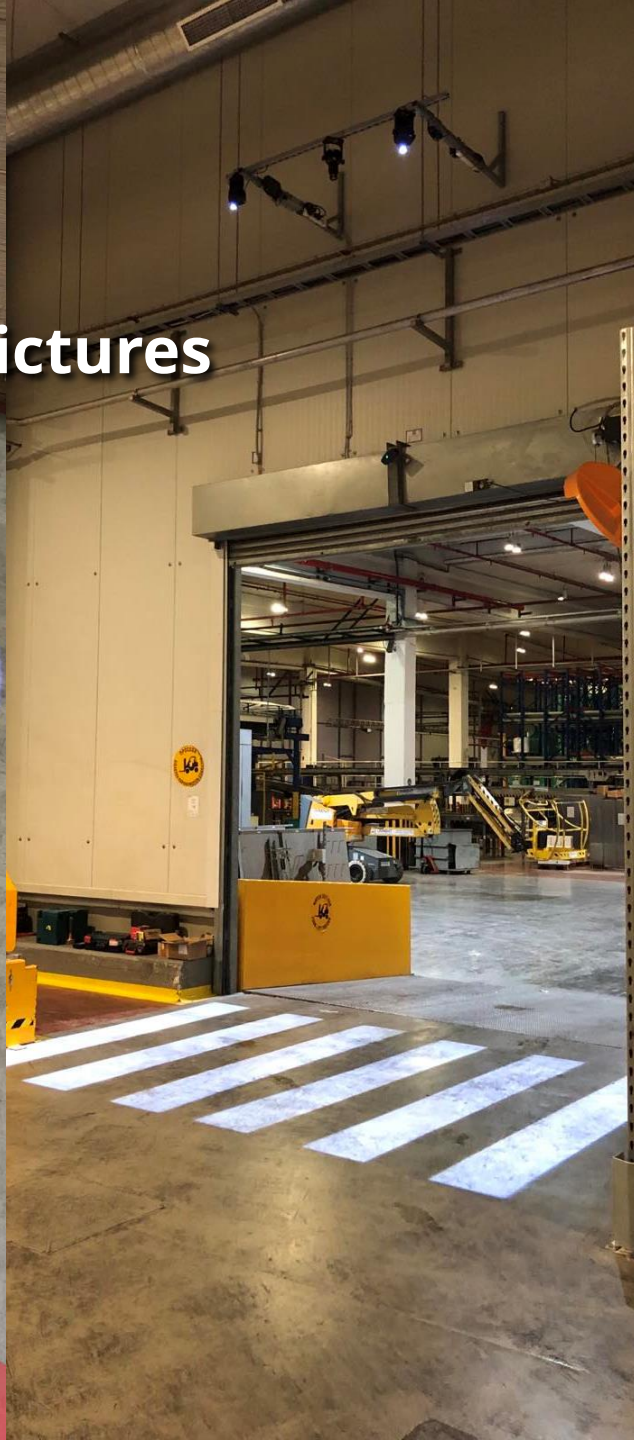
Variety of optics

- Depending on the color of the surface, desired final size of symbol, desired brightness of the illuminated sign.



LED Your Safety Shine

Illustrating pictures



To LED Your Safety Shine

Unlimited Variety Of Safety Signs/Symbols

Smart LED Floor Marking Solutions

- Danger & warning symbols, PPE signs, pedestrian crossings, crane hazardous zones, etc.



Custom designs

Multi-signs illumination



To LED Your Safety Shine

Unlimited Variety Of Safety Signs/Symbols

Smart LED Floor Marking Solutions

- Custom designs:



Wireless Communication with MHE

Advantages of ALIS LED Floor Marking

Interactive Marking:

- Elimination of operation blindness.
- Switching on/off the signs according to MHE's or pedestrian's movement.
- Dynamically controlled pedestrian walkways or other industrial floor marking.
- Visualization of the danger zone around the suspended load.



Virtual LED Lines – New Class Projectors

Designed To Withstand The Toughest Conditions

Visual Virtual Lines & Pallet Positions

- LED line marking helps employees to navigate in spaces more quickly and efficiently, increasing productivity and minimizing human errors.
- Wide range of colors – green, white, yellow, blue, red.

Technical specification

- 55° optic 1:1m *
- 75° optic 1:1.5m *
- 90° optic 1:2m *

*(installation height vs line length)



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A More Sophisticated Way Of Marking

**The Next Level Of Workplace
Enlivenment Options**

From passive to interactive protection

Smart Parabolic Mirror

Busy intersections

- Industrial LED projector integrated into the parabolic mirror (360° point of view).
- Possible extension with light control by RGB beacons for up to 4 directions.
- LED projection triggered by the sensors. Detection of pedestrians/vehicles/both.





A More Sophisticated Way Of Marking

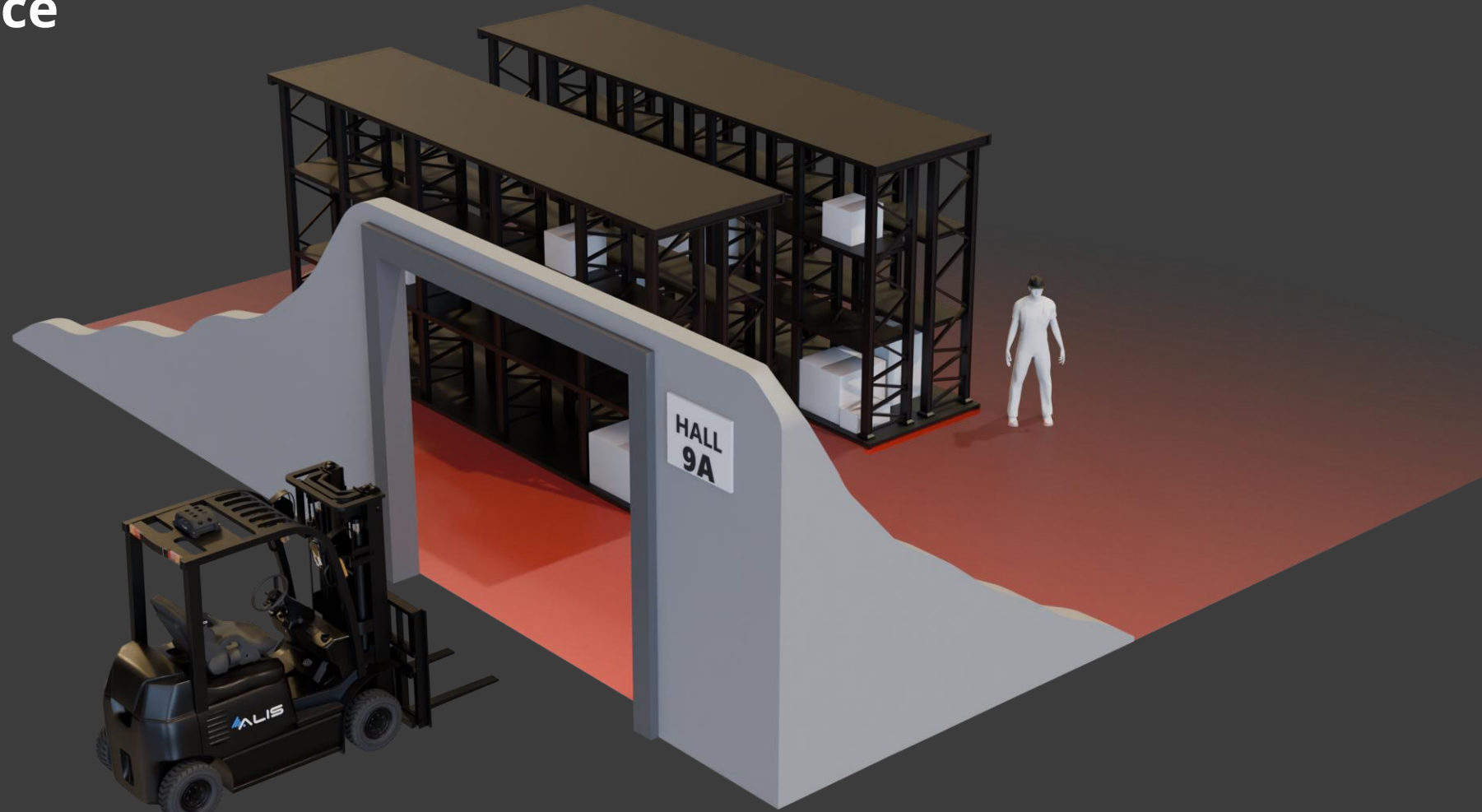
**The Next Level Of Workplace
Safety Solutions**

Core parts of ALIS solution

Collision Avoidance Solutions

Possible use-cases:

- Collision Avoidance: FLT vs FLT, FLT vs Pedestrian;
- FLT deceleration in zones.



Core parts of ALIS solution

Collision Avoidance Solutions

Possible use-cases:

- Deceleration in hazardous zones plus LED Floor Marking extension.

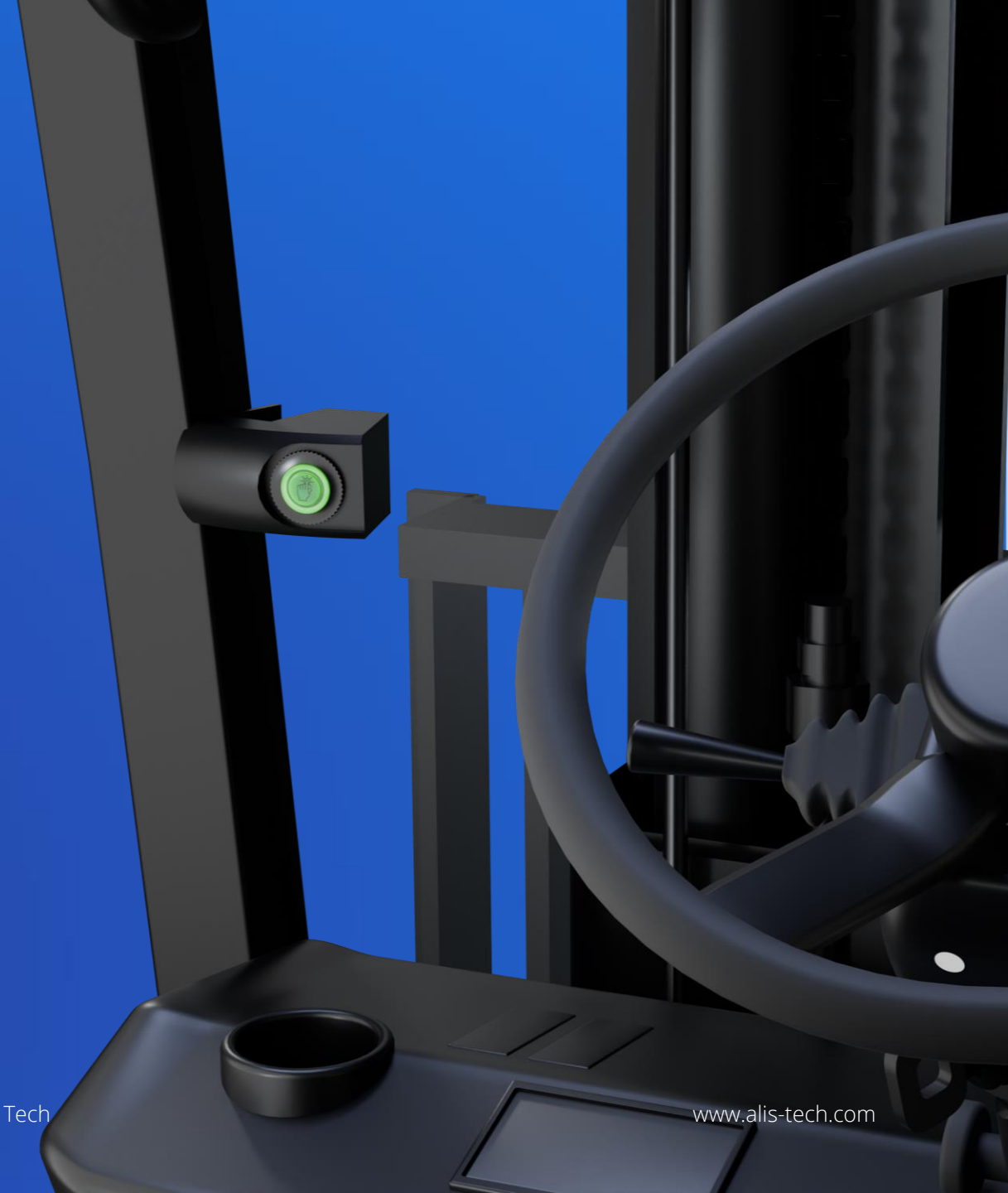


Forklift Autonomous Safety

Collision Avoidance Solutions

Immunity button

- Interactive warning inside the forklift cabin.
- For temporary (10 sec) deactivation of speed deceleration function.



Forklift Autonomous Safety

Collision Avoidance Solutions

Peer-to-peer communication

- Wireless communication of forklift tag with other tags and readers to activate el. devices (gates/LED projectors, etc.) around.



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Wireless Technologies

Advantages of ALIS Collision Avoidance Solution

Peer-to-peer communication:

- Accuracy up to 30 cm;
- Possibility to modify the size of the zone of deceleration/PJ activation.
- No need of eye contact of two tags to communicate with each other.
- Transferable from FLT to FLT.



Wireless Technologies

Advantages of ALIS Collision Avoidance Solution

Comprehensive Collision Avoidance Solution:

- Indoor & outdoor use;
- Activation of electronic devices (combination with LED floor marking);
- Web-application;
- Compatible with all MHE manufacturers.



Excessively Raised Loads

Smart Collision Avoidance Bar

Ensuring safe passage under lowered profiles without accidents caused by excessively raised loads.

The system is equipped with:

- an intelligent impact sensor
- a high-frequency sound alarm
- flashes LED signaling lights in the event of an impact



+100 Satisfied Companies

Companies Who's Workplace Changed To Accident-Free Autonomous Environment





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