ALEDO
Safety is more than Requirement - it is a Commitment

Aledo Holding

Offices based in Czechia, Slovakia & Germany

2011 ALEDO CZECHIA

2017 ALEDO SLOVAKIA

2018 ALIS

2024 ALEDO GERMANY

2025 ALEDO HOLDING

WHY to consider cooperation with us?

„Safety is not an expanse, it is an investment with measurable returns“

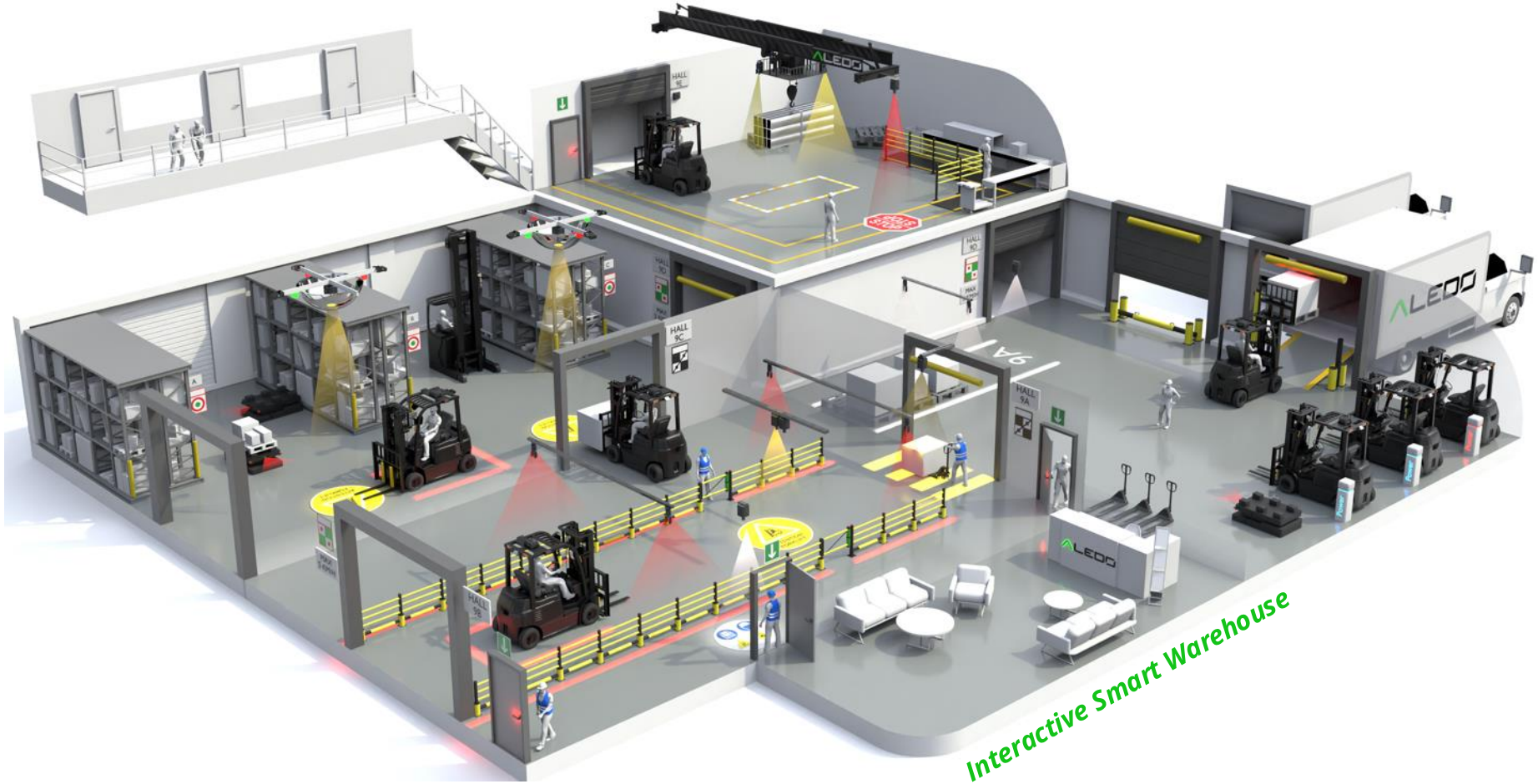
COMPLEX approach to Solutions

Puzzle Solution

14 Years
of Experiences

1000+
Clients

Cutting-edge Safety Solutions for Competitive Prices



Interactive Smart Warehouse

+100 Satisfied Companies

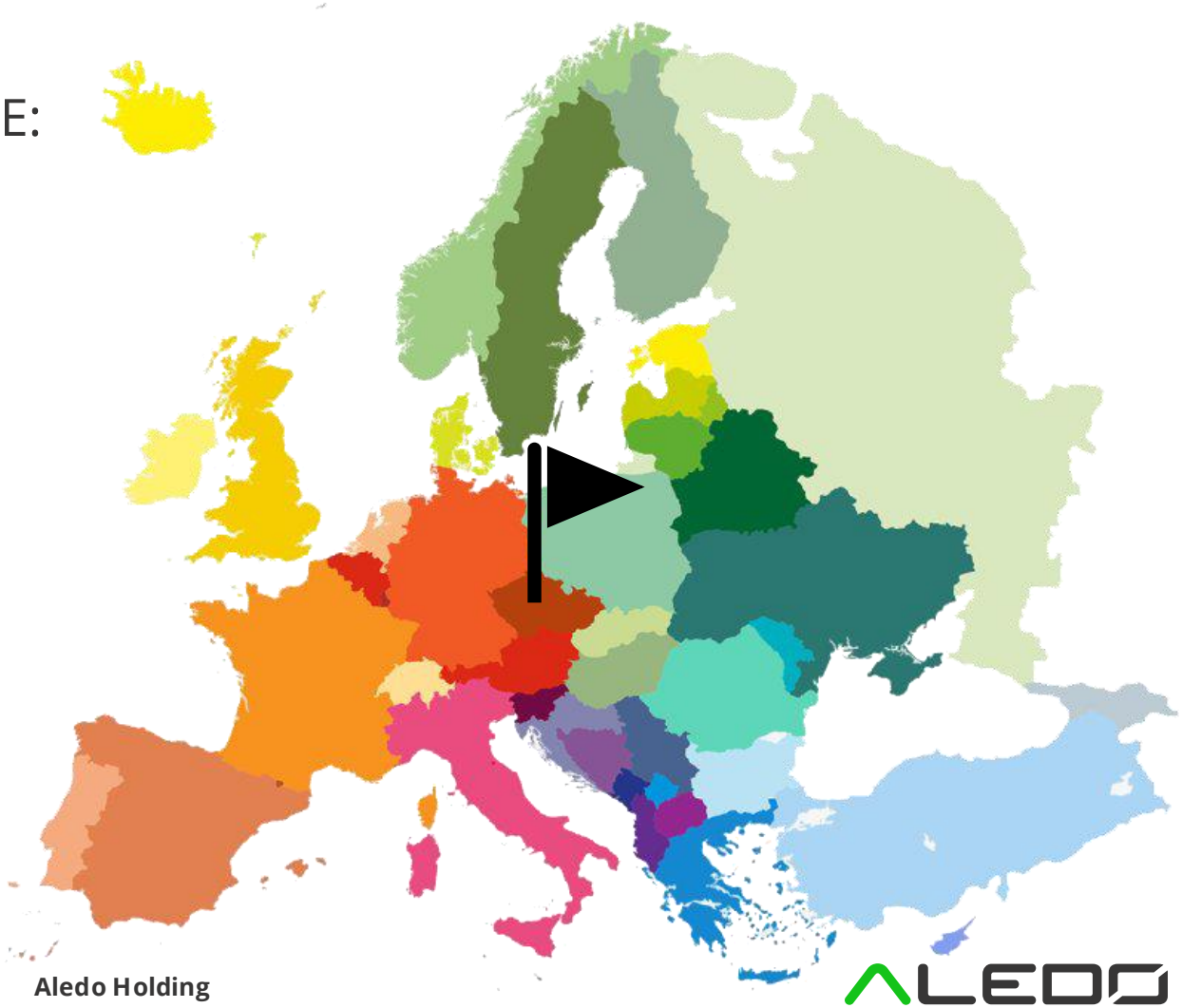
Companies Who’s Workplace Changed To Accident-Free Autonomous Environment

COMPLEX approach to Partnerships

International focus since 2018

PARTNERSHIP INFRASTRUCTURE:

- Trainings
- Sales support
- Marketing support
- Technical support
- Remote installation support



Aledo Holding

HOW we do it?

Combination of technology & knowledge is the key!

WARDIAN AI Camera System

Industrial LED Projectors

Wireless UWB Technology/Sensors

WHAT we do?

We build **complex anti-collision solutions** for industrial envinronment

WHAT challenges are we helping you to solve?

1. Collisions of MHE
2. Damage of company properties
3. Pedestrian accidents due to operational blindness, inattention, dangerous crossroads
4. Collisions of crane suspended load

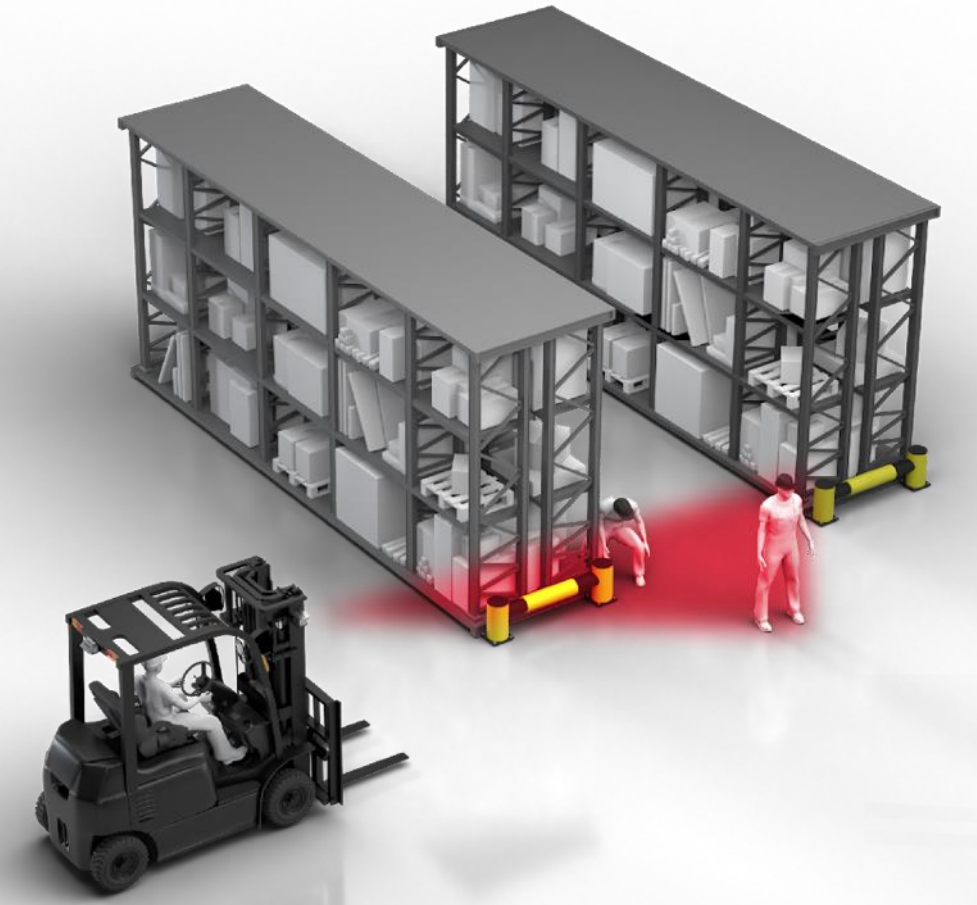
SOLUTION SUMMARY

- Collision Avoidance Pedestrians
- Zone Speed Limit - Hall
- Collision Avoidance Narrow Aisles
- Driver Behaviour Monitoring
- Zone Speed Limit - Spot
- Industrial Gate Protection
- Material Handling Monitoring
- Interactive Floor Marking
- Smart Intersection Traffic Management
- Smart Parabolic Mirror
- Suspended Load Dynamic Projection
- Suspended Load Area Monitoring

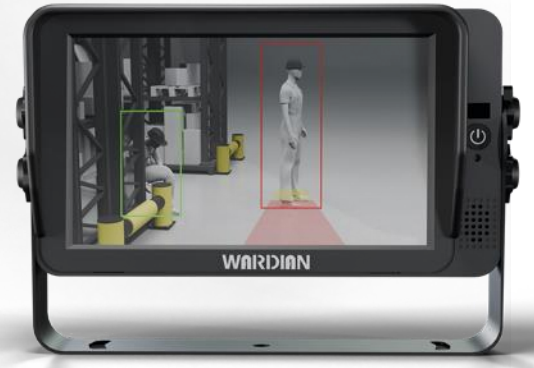
SOLUTION

Collision Avoidance Pedestrians

Eliminate Collision of MHE & Pedeastrians



- Wardian AI camera solution ;
- Autonomous human protection from MHE collision;
- MHE Speed deceleration, drivers warning within a cabin;
- Person detection in 3 different zones;
- Setting app for easy adjustment - width, shape of detection zones;
- Recording possible;
- IP69K protection, 2 sizes of monitors;
- Power input/output of all devices 12V;
- Possibility to expand solution with other options.

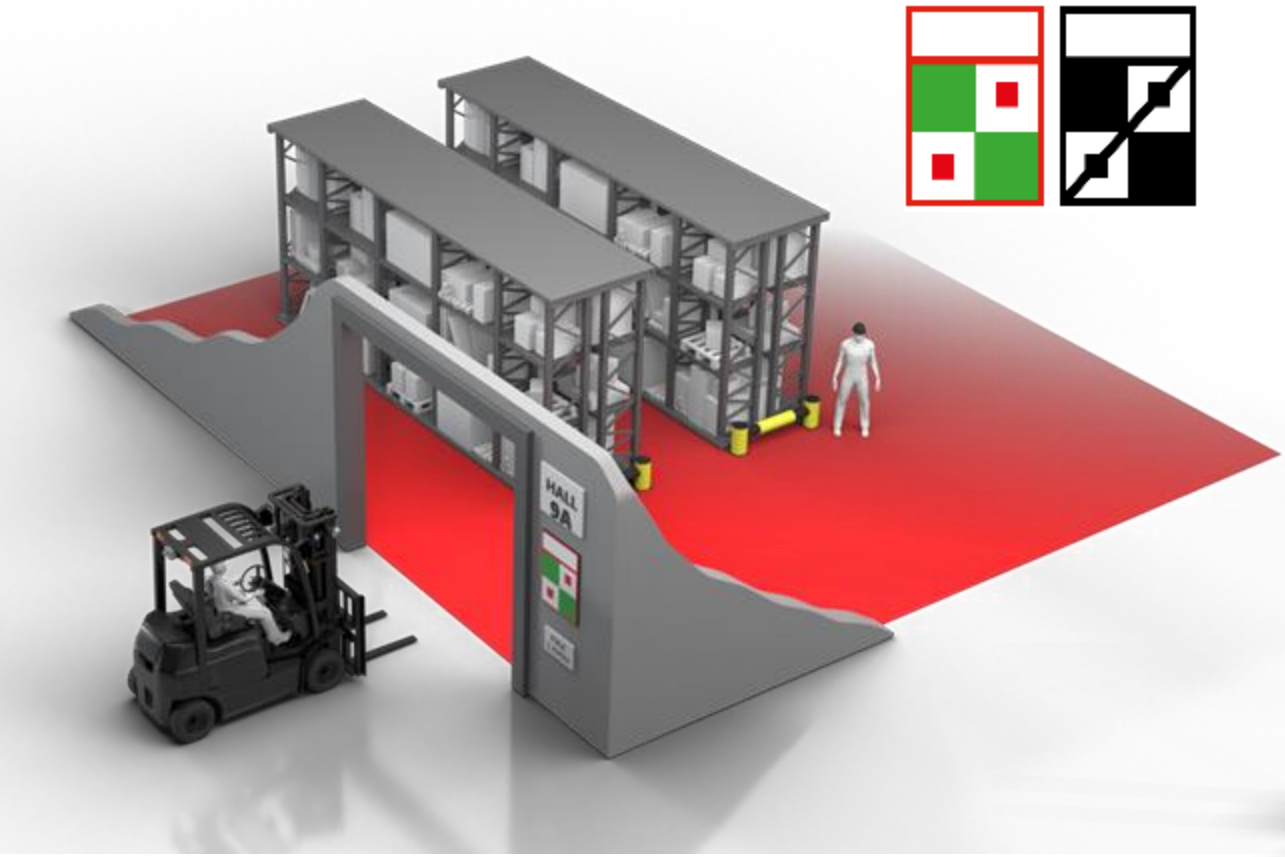


SOLUTION

Zone Speed Limit - Hall

Eliminate Collisions of MHE in selected areas

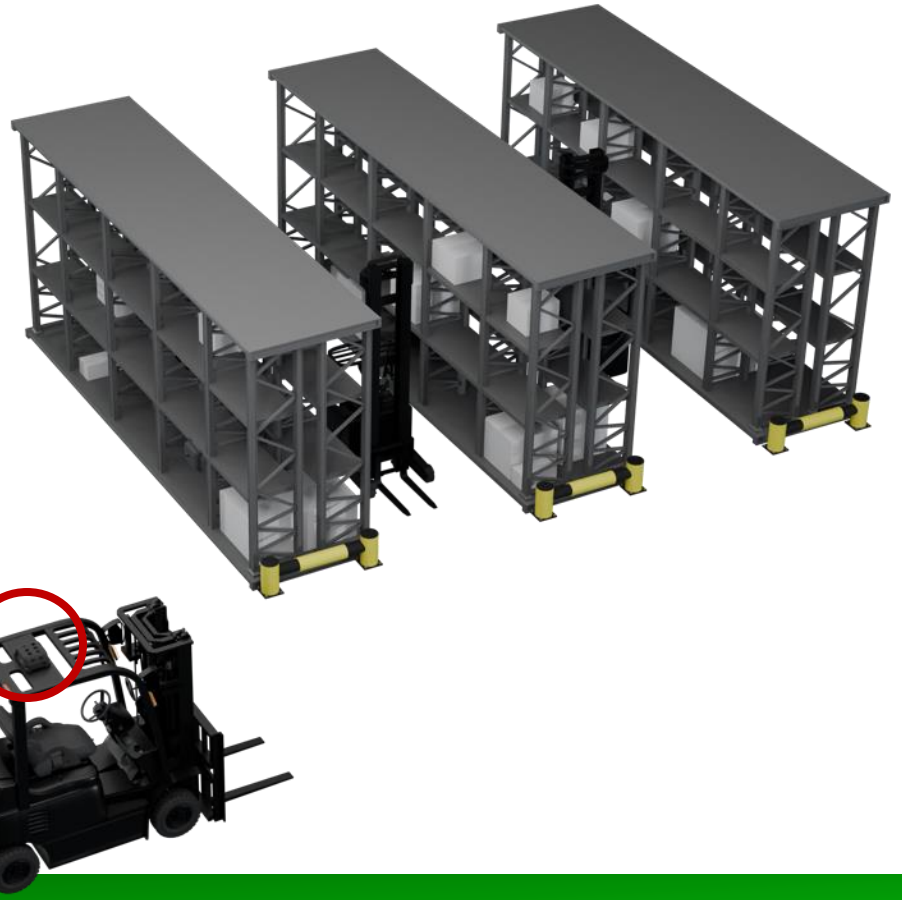
- Wardian AI camera solution ;
- Autonomous speed restriction in predefined areas / halls;
- With Camera System: 2 cameras forklift, 1 display in the cabin, control unit, symbolic prints for defining action;
- Possibility to expand solution with other options.



SOLUTION

Collision Avoidance Narrow Aisles

Eliminate Collisions of MHE in narrow areas



- UWB, sensors, Wardian, LED projectors ;
- Tailor-made solution based on desired outcome ;
- Humans protection in narrow areas;
- Possibility to expand solution with other options.

SOLUTION

Driver Behaviour Monitoring

Have drivers behaviour under control

- Wardian AI camera solution ;
- Monitor drivers behaviour/ drivers authorisation (new)
- The drivers cabin equipped with monitoring camera;

Detection of:

Yawning Distraction (not looking the right direction) / Fatigue (eyes closing);

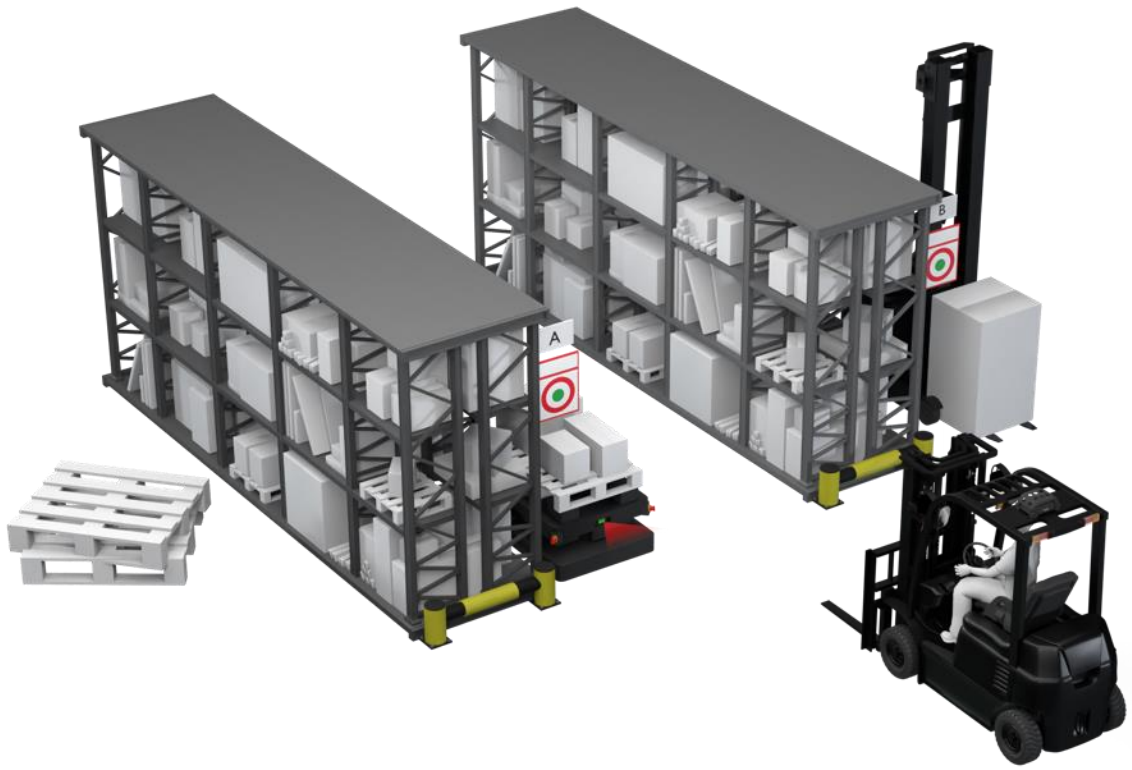
Seat belt / Helmet / Phone call and others;

- Audio visual information to driver trough monitor
- Built-in IR for darker driver cabins.

SOLUTION

Zone Speed Limit - Spot

No more damaged company properties

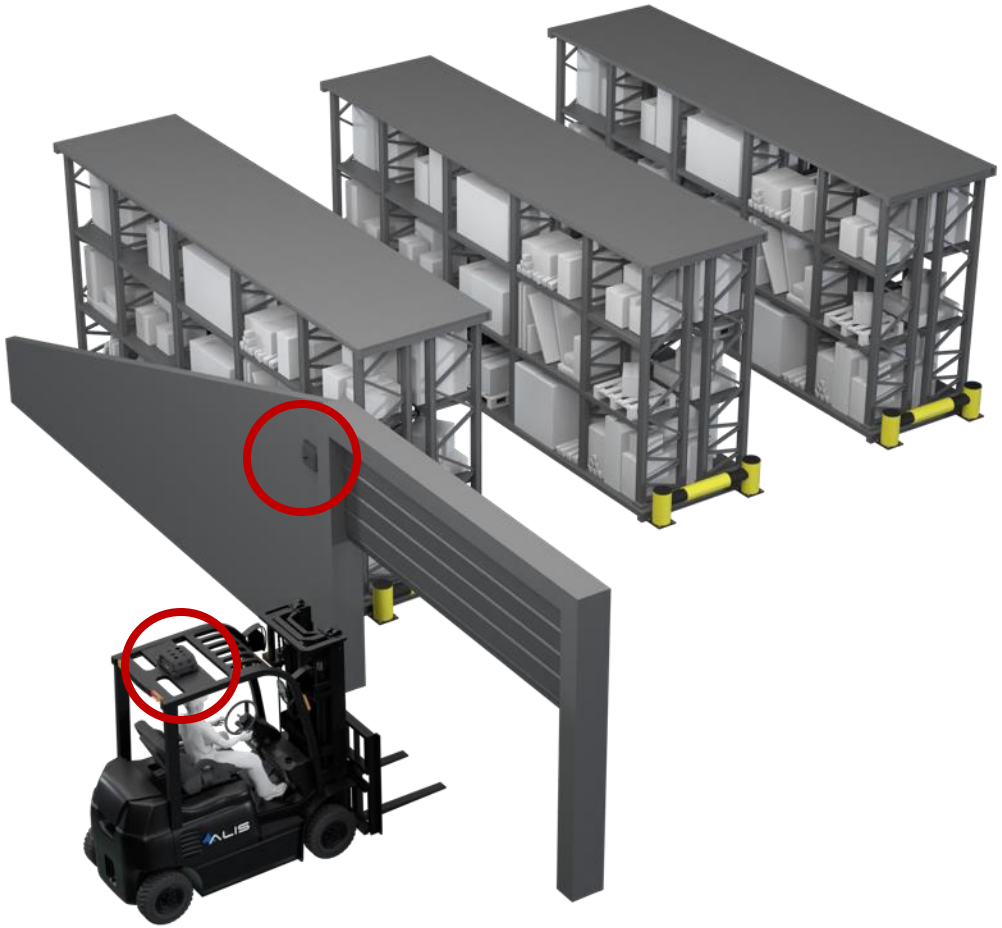


- Wardian AI camera solution, UWB;
- Protects against impact and damage of company property;
- Speed deceleration/stop towards a specific symbol (Wardian);
- Speed deceleration in specific zone (circle detection/UWB) ;
- Autonomous speed deceleration/stopping towards selected object;
- Wardian: 1 camera forklift, 1 display in the cabin, symbolic prints for defining action;
- Possibility to expand solution with other options.

SOLUTION

Industrial Gate Protection

No more damaged company properties



- UWB Technology;
- Protects against impact and damage of industrial gates;
- Property is equipped with reader, MHE is equipped with locator;
- Distance setting optional ;
- Possibility to expand solution with other options – LED Projectors.

SOLUTION

Material Handling Monitoring

No more damaged company properties

- Wardian AI camera solution;
- Have material handling under control, even at heights: monitor and make right decisions;
- Forklift pitchfork laser camera;
- No wireless connection needed - battery charged ;
- Precision with handling equipment for the driver - laser indication;
- Expansion Collision Avoidance System possible ;
- Display inside the cabin for better visibility.

SOLUTION

Interactive Floor Marking

Eliminate Collisions based on operational blindness

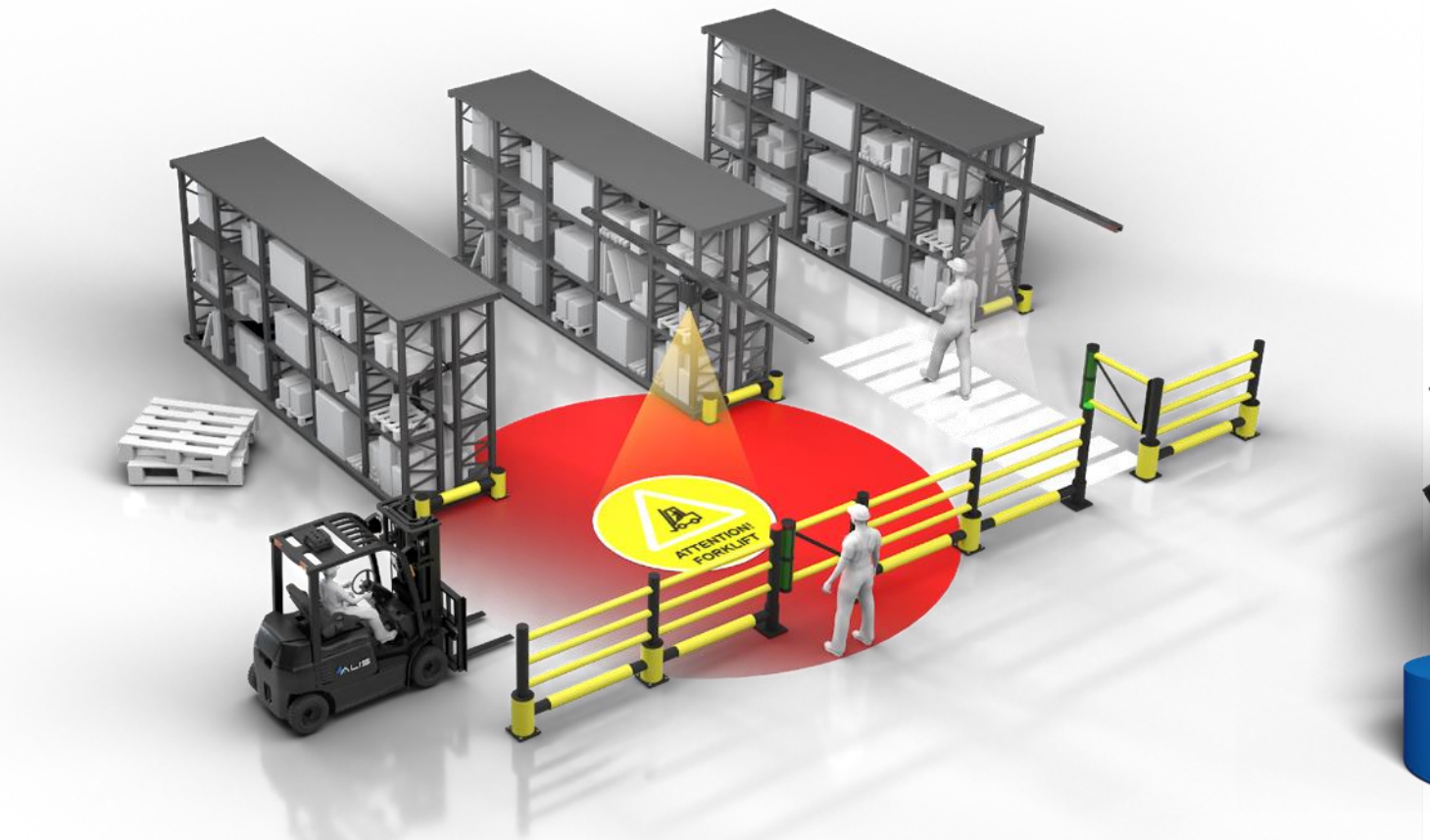
- LED Projectors;
- Highlight specific areas in your operation with LED projectors;
- Options of projection on the floor - 24/7 illumination, blinking, fading;
- 3 types of LED projectors for your needs (25W, 100W, 300W);
- Up to IP65, indoor;
- Variations of safety symbols/custom.

DO NOT ENTER ! SUSPENDED LOAD !
NEVSTUPOVAT ! ZAVĚŠENÉ BŘEMENO !
SSAB

SOLUTION

Smart Intersection Traffic Management

Eliminate Collisions based on dangerous crossroads

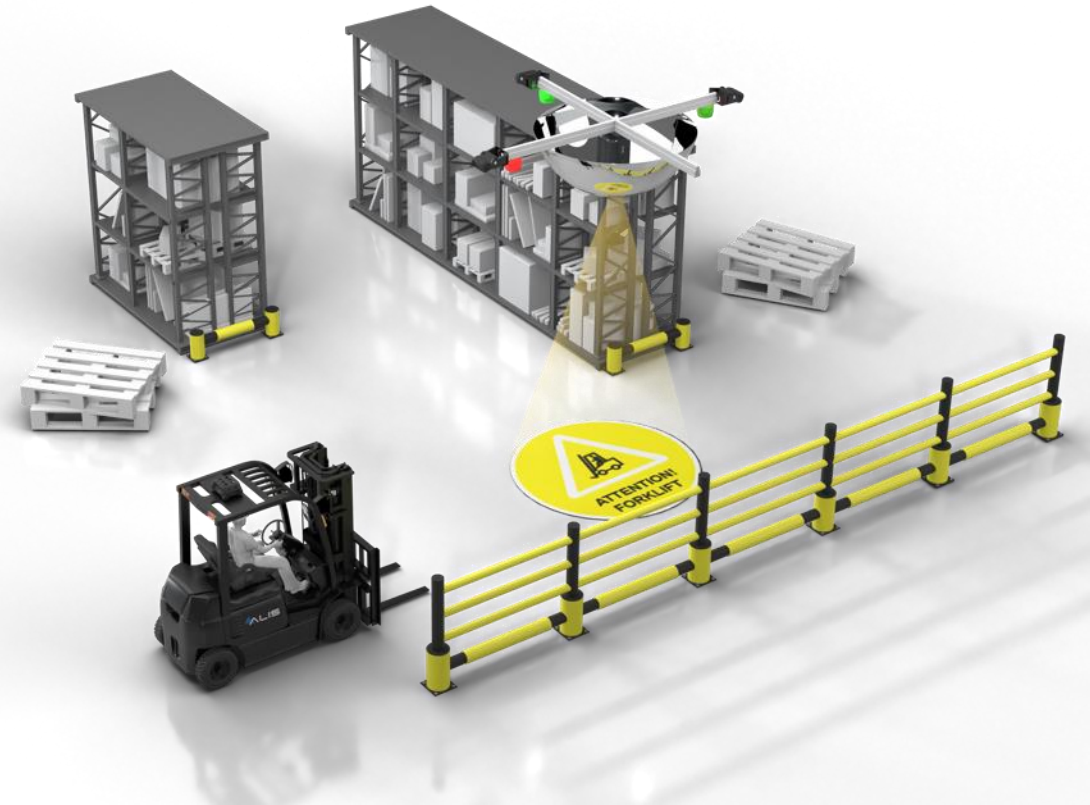


- LED Projectors with UWB, Wardian, Sensors ;
- Creating innovative and complex solutions for challenging intersection in industry;
- LED projection combined with technology for desired outcome;
- Highlight specific/dangerous areas by LED projection and make them act upon set request;
- 3 types of LED projectors for your needs (25W, 100W, 300W);
- Up to IP65, indoor.

SOLUTION

Smart Parabolic Mirror

Eliminate Collisions based on bad visibility

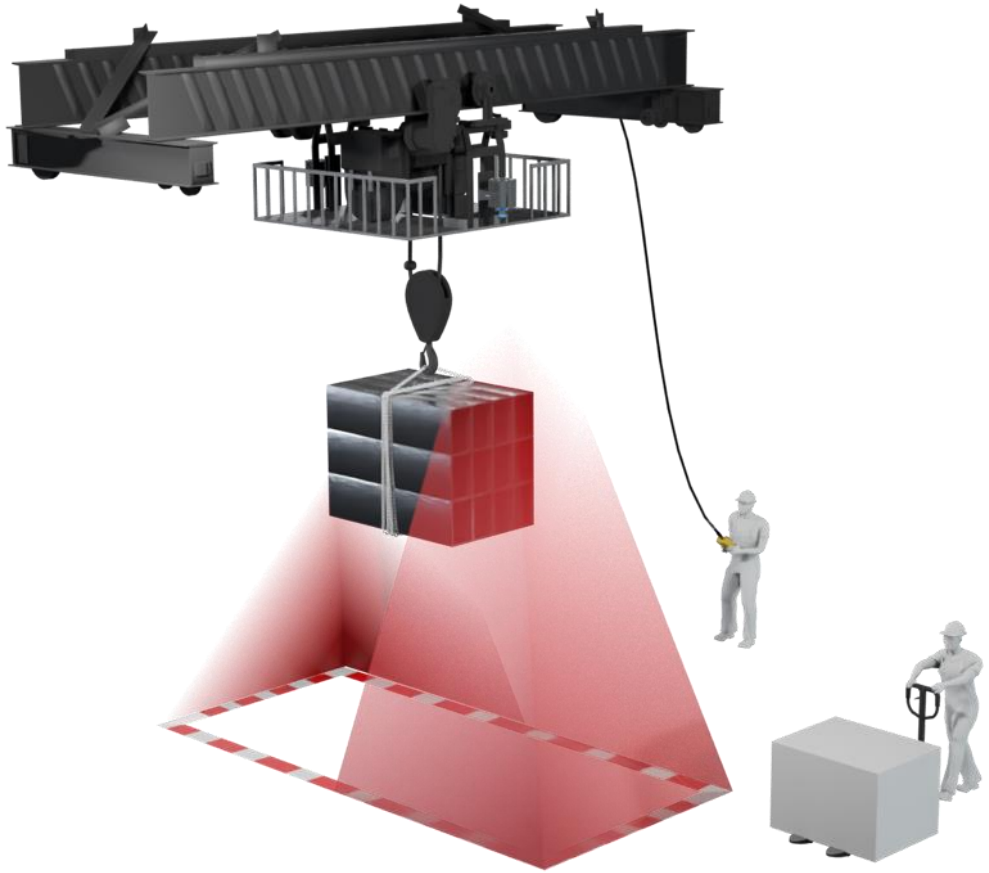


- LED Projectors, Sensors ;
- Highlight dangerous areas in your operations with smart LED projection inserted in parabolic mirror with smart activation;
- 360° view upgraded by interactive visibility a signalization;
- LED projection triggered by sensors - detection of pedestrians/vehicles/both;
- Possible extension with light control by RGB beacons for up to 4 directions;
- 25W or 100W projector.

SOLUTION

Suspended Load Dynamic Projection

Eliminate Danger under suspended load



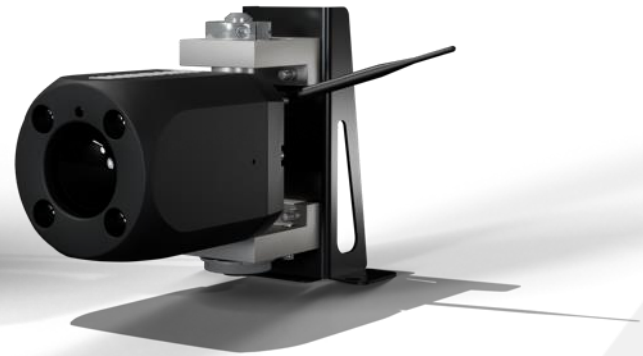
- LED Projectors;
- LED projection to highlight area below the crane load;
- LED illumination 24/7/upon request from the crane;
- 300W projection;
- Possible connection to crane unit for smart activation.

SOLUTION

Suspended Load Area Monitoring

Eliminate Danger under suspended load

- Wardian Camera System;
- Take areas around the load under control;
- Monitor for the operator;
- Monitoring of area around moving loaded crane, 50 m wireless transmission;
- Possible setup of detection zones;
- 30x digital zoom;
- IR cut for darker areas;
- Oudoor/Indoor solution.



Technical Overview
Wardian AI Camera system

Camera 140° (Collision Avoidance – up to 12 m detection)

Camera 70° (Material Handling Monitoring/battery 12V 25Ah – 20+ hours/20 m distance)

Camera 52° (Suspended Load Area Monitoring – 50m wireless transmition)

7 ” and 10” Monitor

512 GB SD card for recording storage

Standard power input/output of all devices 12V

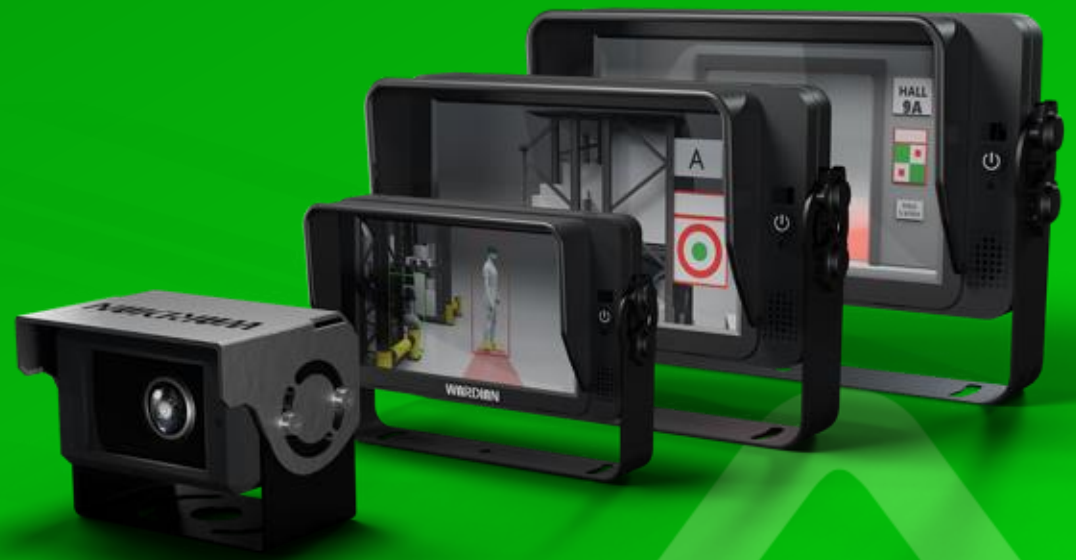
In case of higher voltage use DC converter

All cameras have protection IP69K

All monitors standard IP22 with variant IP66

Standard need to use 12V relays in case of triggering speed reduction

Calibration tool to set up zones



OTHER SOLUTIONS

Didn‘t you find what you have been looking for?
Let us know, our portfolio is wider.

THANK YOU

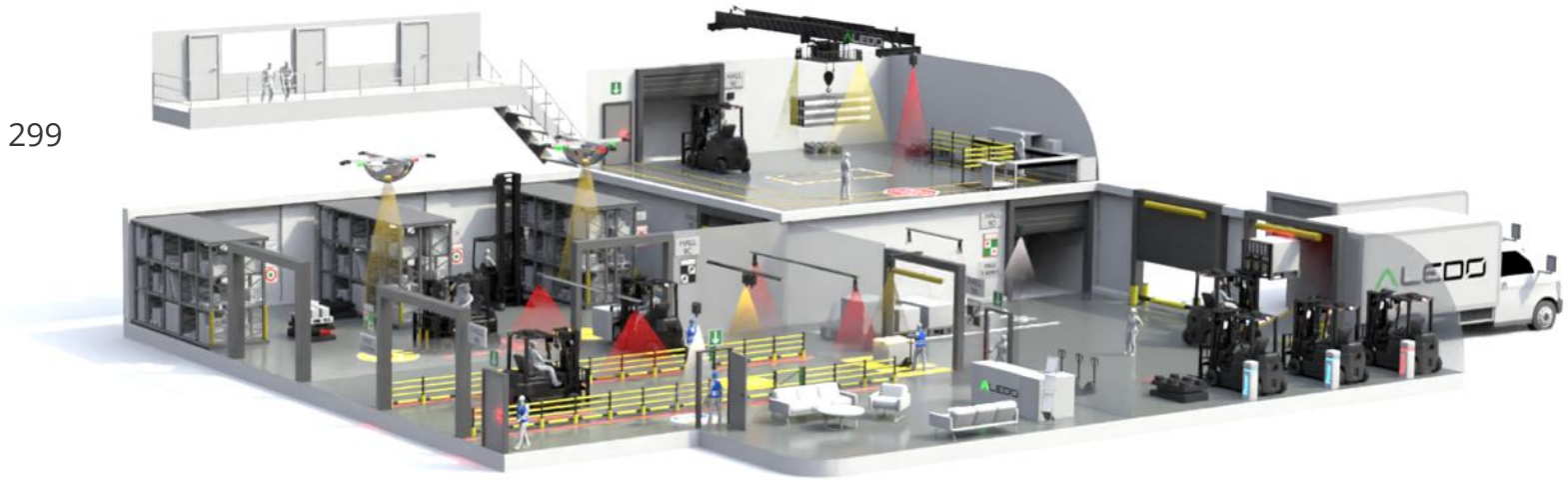
Watch some videos, check our web or follow us ☺:

Youtube: https://www.youtube.com/@alistech8712

WebPage: https://aledo-holding.com/

WebPage: https://www.alis-tech.com/

LinkedIn: https://www.linkedin.com/company/alis-tech-s-r-o/posts/?feedView=all

Get in touch: info@s10group.com/ +31 (0) 633 230 299

ALEDO HOLDING