

ELOKON

# SAFE WAREHOUSE. SAFE WORKFORCE.

FORKLIFT-PEDESTRIAN SAFETY SYSTEMS



# Contents

ELOKON: Success in Safety

03

Safety & Productivity in Material Handling

04

Partners

04

Safety for Your People & Machinery

05

Forklift-Pedestrian Safety Systems  
for Very Narrow Aisles

07

Forklift Fleet Management  
and Safety Systems

09

Our End-to-End Offering

10

Customers & Global Reach

BC



# ELOKON: Success in Safety

We provide world-class, field-proven solutions to protect people, objects and forklifts in material handling operations. We also advise clients on designing health and safety technology into machinery and facilities.

Founded in 1986, we employ more than 130 professionals in our headquarters near Hamburg, Germany, and offices in Atlanta, Georgia, USA; Birmingham, England; and Warsaw, Poland. A private, equity-financed company, we are a self-made success in the German logistics industry. We are completely invested in the effectiveness of our solutions and the success of our customers.

We train and motivate our staff to deliver real customer benefits and build long-term business relationships. We think and act with integrity and respect – across borders and cultures. We enjoy transparent collaboration. We value sustainability as well as economic efficiency. We are always open to new ideas. And we love doing what we do.

Our culture is both innovative and rigorous. We encourage our team to think out of the box, and we systematically review and test new ideas. We love transforming new concepts for products and services into practical, real-world solutions for our customers. Our standards are high. Working closely with customers, we track the cost-benefit of solutions and measure the value we add to our customers' operations. Any idea that does not work for our customers does not work for us, either. Our objectives are uncompromisingly aligned with our customers' needs.

## FACTS AND FIGURES



# Increase Productivity in Material Handling

The global supply chain faces constant pressure to improve velocity, accuracy and efficiency, reduce costs, and add to the bottom line. Warehouse accidents are like weak links in that chain – they hurt skilled employees, slow the flow of goods, decrease productivity, and increase costs. ELOKON safety solutions are designed to help you avoid breaks in your supply chain and maximize your material handling efficiency.



## MORE SAFETY

Our innovative, automated safety solutions help prevent accidents in your warehouses – protecting people, objects, vehicles and goods.



## MORE EFFICIENCY

More automated safety means greater productivity – workers who worry less about hazards will focus more on their tasks, and fewer accidents equals more uptime and throughput.

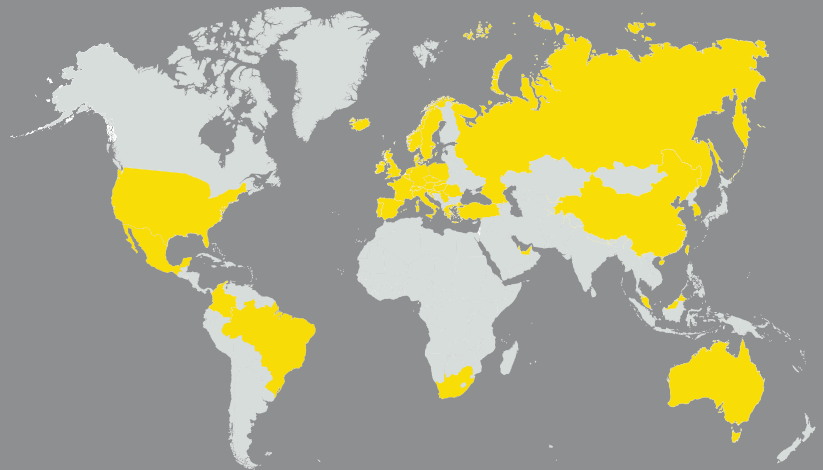


## MORE PROFIT

Our holistic safety concepts enable industrial trucks to operate at optimum speed – increasing the velocity of goods in your supply chain for maximum profitability.

## 4,250+ CUSTOMERS. WORLDWIDE.

We serve more than 4,250 customers across almost 46 countries. Our diverse customer list ranges from large multinational corporations to medium-size private companies in local markets.



## A STRONG PARTNER NETWORK



We work with leading technology, sales and implementation partners to make the most of each party's expertise. Collaborating with leading industrial truck manufacturers, systems integrators, and installation specialists, we deliver solutions optimized for each customer around the world.

# Safety for Your People & Machinery

ELOKON safety solutions help prevent accidents in warehouses – reducing the risk of injury to your staff and damage to your forklifts, goods and facility. Our systems can be installed on any type of industrial truck – any brand, any age. Our systems can be delivered on new trucks or retrofitted to your existing fleet.

## FORKLIFT-PEDESTRIAN SAFETY SYSTEMS FOR VERY NARROW AISLES

We are one of the world's leading providers of safety systems for very narrow aisle (VNA) warehouses. Our pedestrian safety solution uses intelligent sensors to detect hazardous situations and help prevent accidents. The system meets stringent health and safety requirements for operating warehouse trucks in VNA environments.

## FORKLIFT FLEET MANAGEMENT AND SAFETY SYSTEMS

The automotive industry uses operator-assistance technology to help cars monitor distance, change lanes, apply brakes and park. Advances in this area are also enabling self-driving vehicles, which seem certain to become common sights on our roads. We have deployed the same kind of technology in our operator-assistance safety systems for warehouse trucks. Our systems can automatically regulate distance between forklifts and objects, adapt truck speed, avoid collisions and prevent injuries and damage.

### *Award-winning solutions*



# SYSTEMATIC SAFETY



# Forklift-Pedestrian Safety System for Narrow Aisles

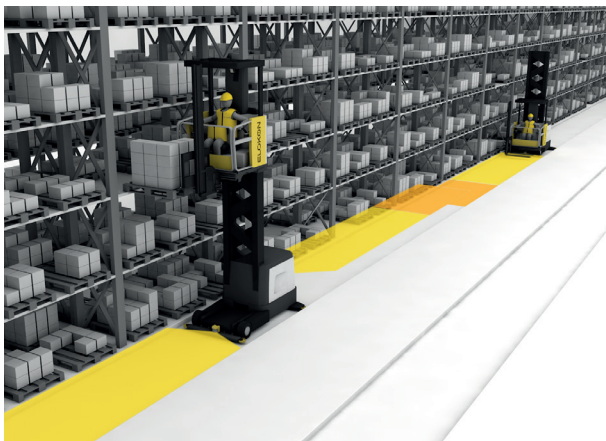
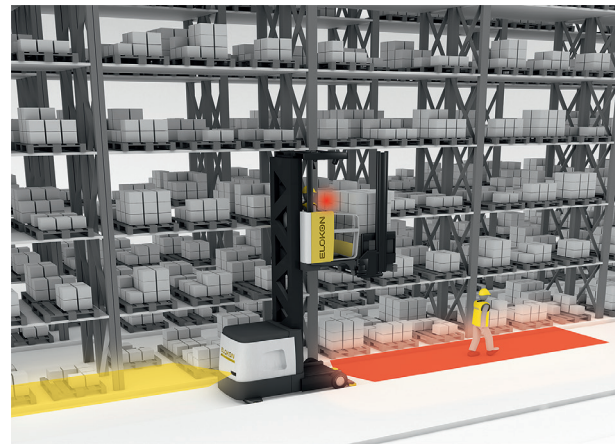
Our ELOprotect™ system for very narrow aisle (VNA) warehouses helps prevent forklift collisions with objects and pedestrians. In countries where strict regulations apply, the solution has been approved by health and safety boards as a pedestrian protection measure on VNA trucks to limit the risk of forklift-pedestrian accidents.

## ELOprotect

VNA Pedestrian Safety System

ELOprotect™ is a self-activating safety system with a unique combination of laser and photo-electric technology that protects pedestrian workers and prevents vehicle-vehicle and vehicle-object collisions in VNA warehouses. This system enables multiple vehicles to operate in the same aisle at the same time – safely and at optimal speed and efficiency.

[eloprotect.elokon.com](http://eloprotect.elokon.com)



## ELOprotect

Anti Collision System

ELOprotect Anti Collision System reduces danger in narrow aisles. The system's intelligent laser technology prevents truck-to-truck impacts. This enables more than one forklift to operate at the same time in the same aisle – safely and at maximum speed.

[eloprotect-ac.s.elokon.com](http://eloprotect-ac.s.elokon.com)

2019 WINNER  
DESIGN  
SAFETY  
AWARDS 4

INDUSTRIE  
PREIS 2017  
BEST OF

AWARD FOR SAFETY 2018  
Forklift Truck  
Association  
Winner



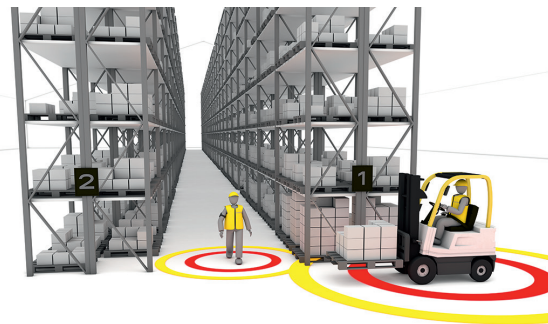
**360°  
PROTECTION**



# Forklift Fleet Management and Safety Systems



We develop and manufacture assistance systems for forklift trucks and other industrial vehicles. These electronic systems intervene automatically when vehicles engage in unsafe behavior or are in a potentially dangerous situation. For example, our systems can slow down a forklift truck or warn the driver and nearby pedestrians with visual, acoustic, or vibrating signals. Although our focus is safety – avoiding hazards and preventing accidents – we design our solutions to complement a vehicle's normal work routine with minimal disruption, which typically results in a high level of operator acceptance.



## ELOshield

Proximity Detection System

ELOshield is an innovative, UWB-based protection system designed to shield vehicles and staff. A fixed-site version monitors accident-prone areas, such as high-traffic aisle intersections. A mobile version monitors „danger zones“ of up to 80 feet (25 meters) around moving vehicles (both vehicle-to-vehicle and vehicle-to person). These zones can be flexibly programmed by vehicle, based on operating needs, as circles, symmetrical rectangles or asymmetrical polygons.

+ [eloshield.elokon.com](http://eloshield.elokon.com)



## ELOfleet

Fleet Management

ELOfleet™ is a wireless telematics system that provides RFID based access control, vehicle fault recording and data evaluation of vehicle/fleet performance. It can be installed on forklift trucks of any type, brand, age, or drive system. The system improves operational safety for forklift truck fleets while also enhancing productivity of both vehicles and operators.

+ [elofleet.elokon.com](http://elofleet.elokon.com)



## ELOspeed

Indoor/Outdoor Speed Control

In production and warehousing facilities, passages between indoor and outdoor work areas are often safety-critical zones. Forklift truck drivers are typically permitted to accelerate to maximum speed when outside but are supposed to slow down for safety reasons when returning inside. ELOspeed, a radar-based system developed jointly with our automotive industry customers, allows vehicles to operate at full speed outdoors, but automatically slows them down to a programmable speed limit as they come inside.

+ [elospeed.elokon.com](http://elospeed.elokon.com)



# Our End-to-End Offering

With over 36 years of industry experience, deep expertise in safety technology and success implementing and supporting our systems, we know how to help our customers achieve their safety goals. We provide comprehensive end-to-end services, from pre-sales requirements analysis to project management to after-sales support.

## PRE-SALES CONSULTING

As part of our pre-sales consulting service, we typically assess the current application, define goals, analyze requirements, and work closely with the customer to tailor the right solution and project plan.

## PROJECT MANAGEMENT

Managing the deployment of our systems typically includes electro-technical integration with vehicles, installation and calibration of hardware, and commissioning/launch.

## AFTER-SALES SERVICE

We provide a wide range of ongoing support options for our customers: phone and email service with short response times, fault rectification under warranty, maintenance contracts, recurring compliance testing in accord with health and safety regulations, periodic refresher training, and on-site assistance from service technicians.

## TRAINING

We can provide extensive training, from individual sessions on how to use our products to “Train the Trainer” events. The simplicity, reliability and automation of our systems empowers our customers to conduct their own internal training. Customers also often install and commission our products themselves.

## PRODUCT INNOVATIONS

We welcome new product ideas from our customers – to improve industrial truck safety, driving comfort, ergonomics, economy and/or efficiency. With over 36 years of experience developing successful electronic solutions for warehousing applications, we are well positioned to systematically evaluate new product ideas – whether for an entire industry or an individual customer – and transform them into timely commercial production.

**We love innovative, agile product development!**

»THE **ELOKON** BRAND IS SYNONYMOUS WITH **LEADING EXPERTISE IN SAFETY SYSTEMS** FOR PLANT AND MACHINERY. ELOKON ALIGNED THEIR SAFETY TECHNOLOGY WITH OUR OPERATIONS AND **IMPLEMENTED OUR PROJECT PERFECTLY.**«

Daniel Salas, Key Account Manager Industrial Vehicles, SICK Vertriebs-GmbH

THE ELOKON PARTNER PROGRAM

Lift truck  
OEMs

Lift truck  
dealers

Systems  
integrators

Technology  
providers

ARE YOU PASSIONATE ABOUT MATERIAL HANDLING SAFETY? **WE SHOULD MEET!**

# ELOKON. WORLDWIDE.



## 4,250+ CUSTOMERS. WORLDWIDE.

With industrial experience and technical expertise from more than 4,250 projects in more than 45 countries, we optimize the intralogistics of our customers.



**ELOKON Inc.**  
271 17th Street, NW, Suite 1750  
Atlanta, GA 30363 / USA  
T. +1.770.349.6335 E. mail@elokon.com

**ELOKON GmbH**  
Gärtnerweg 49  
25436 Tornesch / GERMANY  
T. +49.412.295.700 E. info@elokon.com

**ELOKON GmbH**  
One Victoria Square  
Birmingham, B1 1BD West Midlands / UK  
T. +44.121.392.2499 E. info@elokon.co.uk

**ELOKON Logistics Sp. z o.o.**  
ul. Tytoniowa 22  
04-228 Warszawa / POLAND  
T. +48.228.127.138 E. info@elokon.pl

**ELOKON**  
www.elokon.com

Connect with us: [linkedin.elokon.com](https://www.linkedin.com/company/elokon) [youtube.elokon.com](https://www.youtube.com/elokon)

