

ELOKON

SAFE WAREHOUSE. SAFE WORKFORCE.

FORKLIFT SAFETY
AND FLEET MANAGEMENT SYSTEMS



2026

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ELOKON: Success in Safety

We provide world-class, field-proven solutions to protect people, objects, and all kinds of material handling equipment in warehousing, distribution and manufacturing operations. We also advise clients on designing health and safety technology into machinery and facilities.

Founded in 1986, ELOKON employs more than 130 professionals in our headquarters near Hamburg, Germany, and offices in Atlanta, Georgia, USA, and Warsaw, Poland. A private, equity-financed company, we are a self-made success in the global 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 collaborate transparently with our customers and partners to develop new ideas, products and solutions.

ELOKON's culture is innovative and rigorous, and we value both quality and sustainability. We encourage our teams to think out of the box and systematically review and test new ideas. We love transforming new concepts for products and services into practical, real-world solutions for our customers.

ELOKON's standards are also high. Working closely with customers, we track the cost-benefit of solutions and measure the value we add to our customers' operations. 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 weak links in that chain – they hurt 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, distribution centers and manufacturing operations – protecting people, objects, vehicles and goods.



MORE EFFICIENCY

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

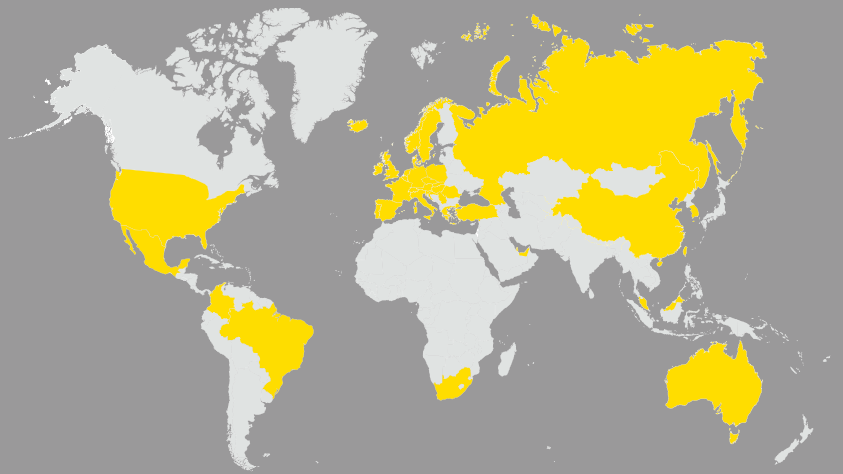


MORE PROFIT

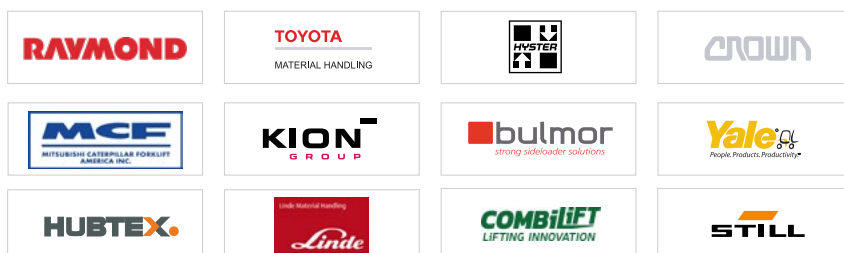
Our holistic safety concepts enable industrial trucks to operate at optimum speed – increasing the velocity of goods in your supply chain for maximum profitability.

4,250+ CUSTOMERS. WORLDWIDE.

We serve more than 4,250 customers across 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, distribution centers, and manufacturing operations – 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 safety solution uses intelligent sensors to detect hazardous situations and help prevent accidents. The system meets stringent health and safety requirements for forklifts that operate in VNA warehouses and distribution centers.

FORKLIFT FLEET MANAGEMENT AND SAFETY SYSTEMS

The automotive industry uses assistance technology to help cars monitor distance, change lanes, apply brakes and park. 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



ELOKON Product Overview

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 PSS

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



ELOprotect ACS

ELOprotect Anti Collision System reduces the risk of forklift accidents 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-acs.elokon.com



We develop and manufacture assistance systems for forklifts 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 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

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-pedestrian). These zones can be flexibly programmed by vehicle, based on operating needs.

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



ELOfleet

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

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



ELOspeed

In production and warehousing facilities, passages between indoor and outdoor work areas are often safety-critical zones. Forklift 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



ELOvision

ELOvision is a tag-free, AI-based camera system for pedestrian detection on industrial vehicles. Using advanced computer vision technology, the system automatically detects people without requiring pedestrians to wear modules or tags. When a person is detected, ELOvision alerts the operator with audible and visual warnings and can automatically slow down the vehicle. Because the AI distinguishes between people and inanimate objects such as pallets or racking, the system significantly reduces false alarms in dynamic warehouse environments.

 elovision.elokon.com



ELOshieldAI

ELOshieldAI combines Ultra-Wideband (UWB) proximity detection with AI-based camera technology into a single, integrated system. UWB provides highly precise proximity information for vehicles and pedestrians equipped with UWB modules, while the AI camera visually confirms the presence of individuals without tags. This dual-layer detection approach ensures reliable hazard detection, even when a single method reaches its limits - particularly in complex, cluttered, or low-visibility industrial environments. Thanks to peer-to-peer communication via UWB, pedestrians equipped with a personal module also receive an audible and vibration alert, ensuring that both the driver and the pedestrian are actively warned of a potential collision.



[+ eloshieldai.elokon.com](https://eloshieldai.elokon.com)

ELOfusion

ELOfusion is an all-in-one platform that combines ELOKON's telematics solution (ELOfleet) and proximity detection system (ELOshield) into a single, integrated hardware unit. The system provides a unified view of both safety and productivity through one cloud-based portal, eliminating the need to manage multiple standalone systems. ELOfusion is fully OEM-independent and enables true interoperability across mixed fleets of forklifts, AGVs (Automated Guided Vehicles), and AMRs (Autonomous Mobile Robots). Using UWB-based sensor data fusion, the system proactively prevents accidents by triggering automatic interventions such as speed zoning and collision avoidance. At the same time, the telematics capabilities deliver powerful fleet insights.



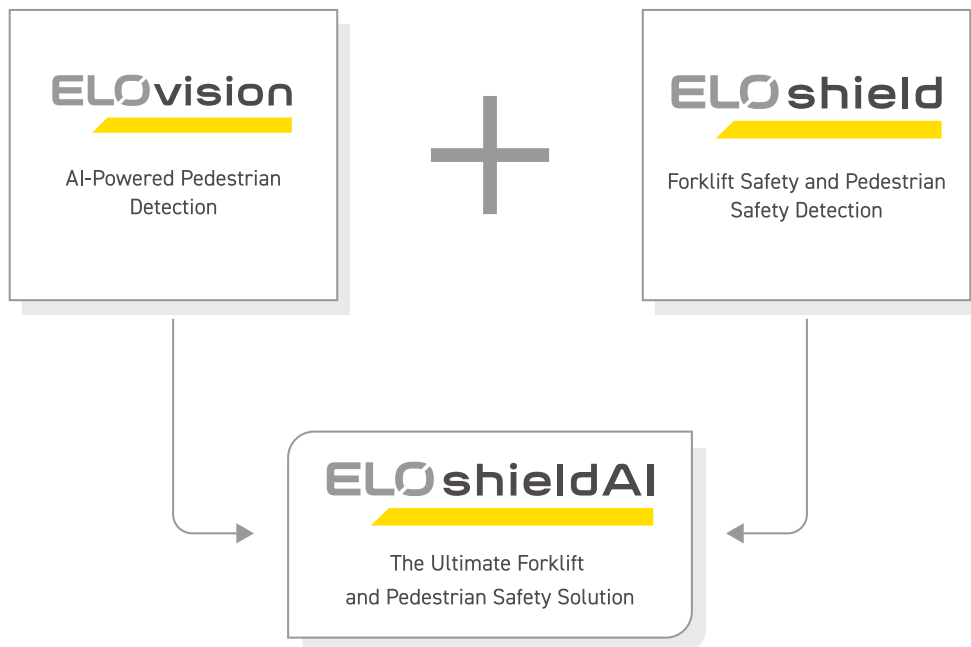
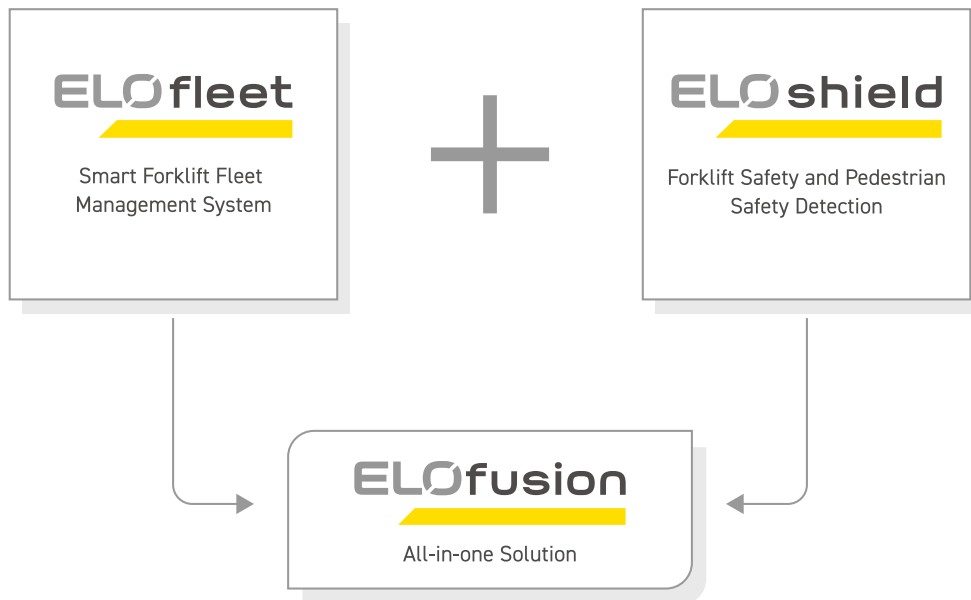
[+ elofusion.elokon.com](https://elofusion.elokon.com)



Our Products – Even Stronger Together

Many ELOKON solutions can be flexibly combined and seamlessly integrated with one another. By connecting individual systems, you can create powerful solutions that further enhance safety and efficiency in your intralogistics operations.

The interaction of multiple technologies unlocks additional capabilities, increases operational transparency, and ensures a perfectly coordinated overall solution tailored to your material handling environment.



Our End-to-End Offering

With some 40 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 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 38 years of experience developing successful electronic solutions for warehousing and manufacturing 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

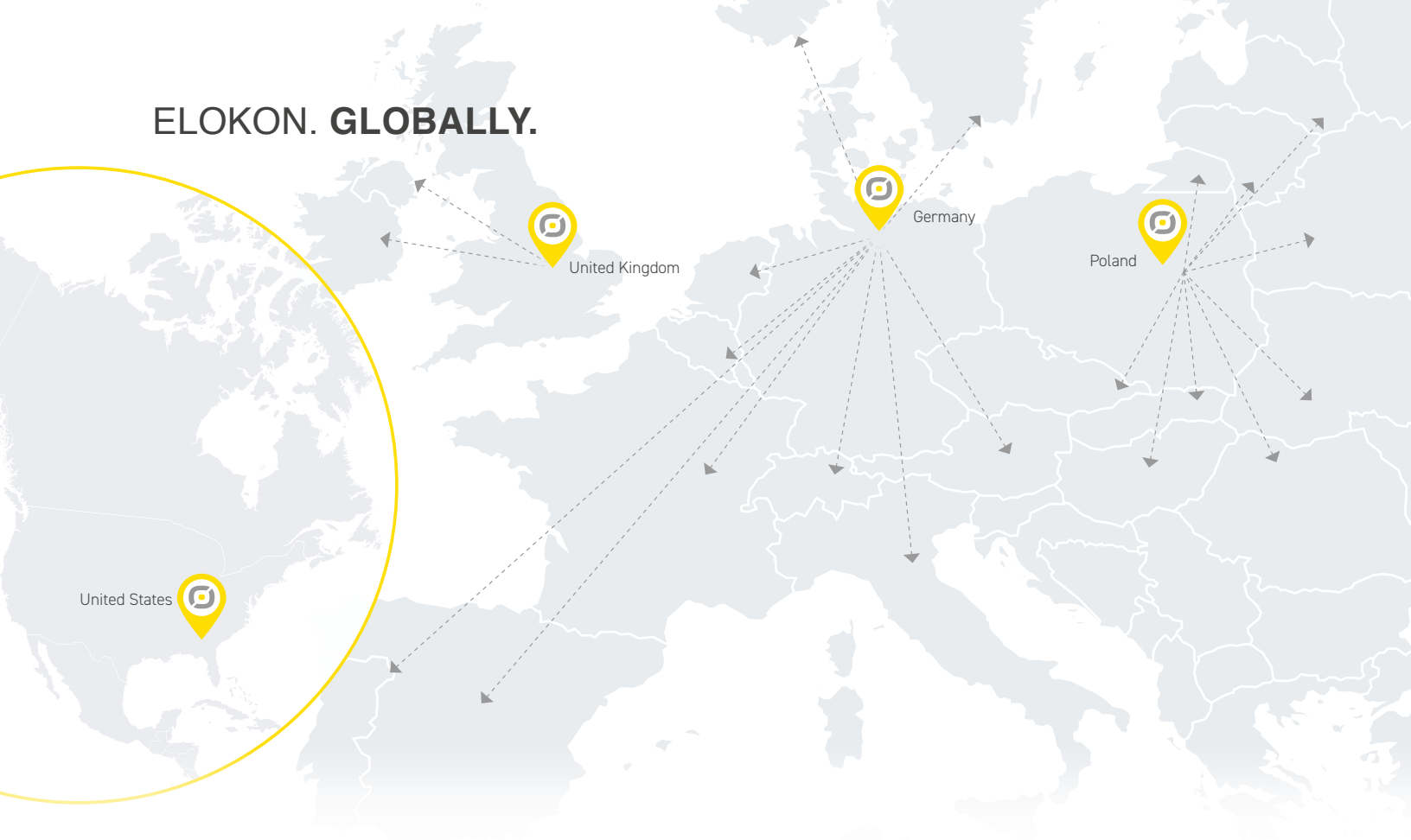
Lift truck
dealers

Systems
integrators

Technology
providers

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

ELOKON. GLOBALLY.



4,250+ CUSTOMERS. GLOBALLY.

With industrial experience and technical expertise from more than 4,250 projects in more than 46 countries, we optimize the intralogistics of our customers.

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