

Disclosure log

Enclosure log

















Disclosure log

**DO NOT OPEN  
DOORS WHILE  
MACHINERY  
IS RUNNING**



# APS

## LIGHTING & SAFETY

Register For Your Copy of The APS Catalogue  
Coming October 2019

Heavy Duty Work Lamps

Collision Mitigation

Visual & Audible Warning

Conveyor Walkway Lighting

Eye Wash Station Lighting

Structural & Mobile Tower Lighting

Shovel / Dragline Solutions

STAND E141

### PreView Sentry

0-30m (0-98') FMCW 24Ghz Radar

PRECO's PreView Sentry has a fully adjustable detection zone, with the ability to detect objects from the face of the radar up to 30 meters (98 feet), and the width up to 60M (196 feet) of the detection zone is adjustable to fit almost all vehicle types. Sentry accurately identifies the location and velocity of up to 16 people or objects simultaneously and is designed to withstand the harsh environments encountered by heavy-duty equipment. With built-in fail-safe alerts that notify the operator of radar blockage or communication issues, operators and fleet managers can be sure that they are working with the most reliable object detection system available.

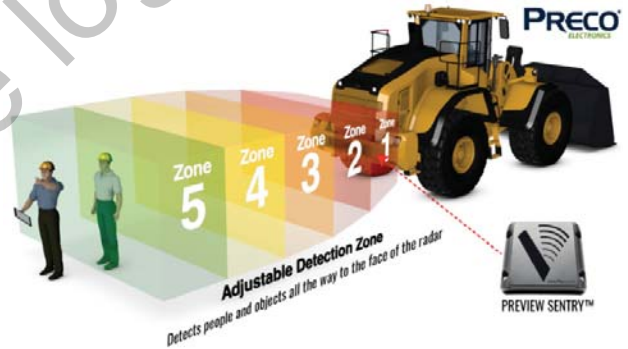


**Features:**

- Frequency: 24Ghz
- Programmable detection range: 0 - 30m (0 - 98')
- Programmable detection width: 2 - 60M (6.5-196 feet)
- Built to meet rugged J1455 specs

**Application:** Construction, Heavy-duty vehicles, Light vehicles, Civil machinery, Port Cranes.

**Kits:** ST85062: PreView Sentry Deutsch Kit with 6 x 2m Sensor



This PreView Sentry Deutsch Kit is a plug-and-play heavy-duty radar solution with a pre-configured sensor range. The kit comes with the FMCW 24GHz Sentry radar sensor, PreView Plus Camera - 7" colour monitor, 1 camera, 18m / 59' body harness, 9m / 30' heavy-duty body harness with Deutsch connectors, and a 90° sensor mounting bracket.

### PreView Side Defender II



PreView Side Defender II, the industry's most advanced side collision avoidance solution, has been developed specifically for over-the-road truck operators and city service and delivery drivers. According to independent research, the incidence of highway and urban collisions are rising by almost 10% per year. PRECO believes that this is unacceptable and we are driven to design technology that assists heavy duty vehicle operators to mitigate these avoidable accidents.



**Features:**

- Frequency: 24Ghz
- Detection range (fore/aft): 20'/6M forward and 20'/6M back/aft
- Programmable detection width: 10'/3M to 8M
- Built to meet rugged J1455 specs

**Application:** Trucking, municipalities, waste and recycling



## ABL Featured Products

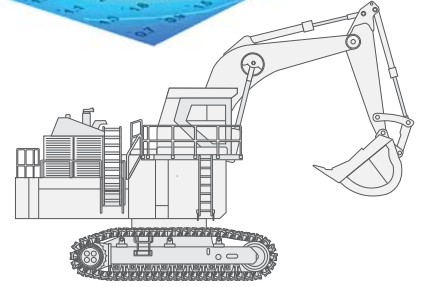
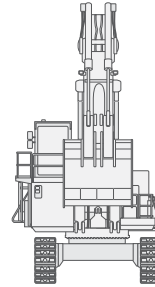
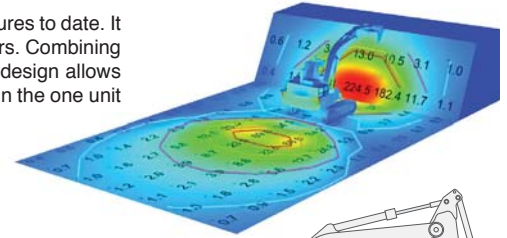
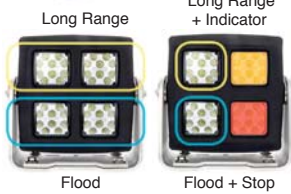
### LED8000 / LED12000



The new LED8000 and LED12000 from ABL represent their largest lumen output fixtures to date. It is perfect for high vibration applications such as drills, dozers, excavators and graders. Combining signal lighting and forward lighting into the one package, its customisable modular design allows for combinations such as flood (work light) and long range (high beam) to be mixed in the one unit or it can be used as an all in one flood, long range, brake and indicator light.

- Beam: Flood Asymmetric, Flood, Long Range & Mixed Modules
- 8-10,000 (SHD8000) or 12-15,000 Lumens (SHD12000)
- 30Grms @ 10-2000Hz vibration, 80G shock
- Rating: IP68, IP69K
- EMCIS13766, 14982, 12895 CISPR25
- 3.7A or 6A current draw @ 24V
- 90W (SHD8000) or 144W (SHD12000)
- Warranty: 5 Years

**Application:** Drills, Dozers, Excavators and Shovels



### LED3000-500



The ABL LED3000 in the 500 Series provides 3000 effective lumens from only 36W. This versatile rugged work light provides the highest efficiency and durability in even the harshest operating conditions.

- Beam: Flood, Wide-Flood, Long Range, Amber, Asymmetric Flood, Warm White (3500K)
- 15Grms @ 24-2000Hz vibration, 60G shock
- IP68, IP69K, EMC ISO 13766, 14982, 12895 CISPR25
- 24V DC only, and 12-100V DC options
- Pedestal & suspended mount
- Warranty: 5 Years

### LED2000



Available in 12-100V or 24V only, the ABL LED2000 in the 500 Series offers a direct substitution for your 35W HID Xenon work lights. With class leading durability, the LED2000 is becoming a mobile fleet standard for haultrucks around the world. Warm White 3500K also available.

- 15Grms @ 24-2000Hz vibration
- 28W
- 60G shock
- Rating: IP68, IP69K
- EMC ISO 13766, 14982, CISPR25
- Warranty: 5 Years

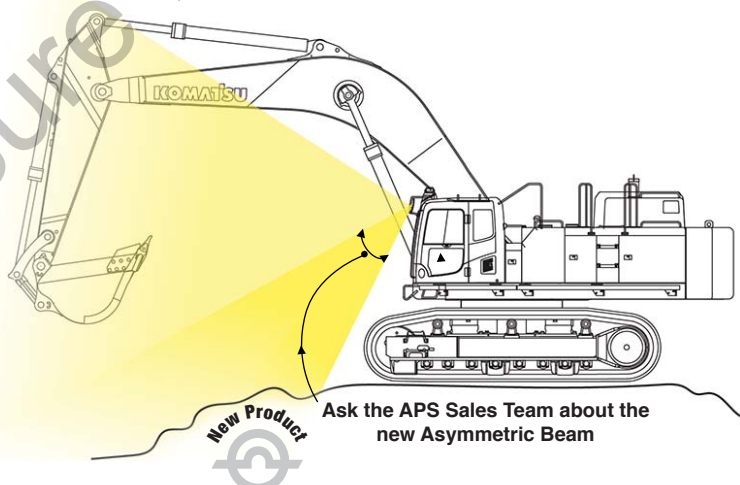
### LED5000



**AVB mount provides 30Grms @ 10-2000Hz vibration, 80G Shock resistance**

The 2500 Series ABL (5"x5") Halogen work lamps have long been the OE standard for a wide variety of heavy equipment. The ABL LED5000 draws 2.4A at 24V (57W), yet outputs an impressive 5,000 effective lumens. 2.5X more effective lumens than your standard HID Xenon work lamp. Class leading surge protection, protected lens and IP69K sealed electronics make this a superior low draw, high output rugged work light.

- Beam: Flood, Wide-Flood, Long-Range, Amber
- 30Grms @ 10-2000Hz vibration, 80G shock
- Rating: IP68, IP69K, EMC: ISO13766, 14982
- 24V DC only, and 12-100V DC options
- Warranty: 5 Years



**Ask the APS Sales Team about the new Asymmetric Beam**

## JW Speaker Featured Products



### 523 Series Scene Light

The 523 Series is a 9 x 8" LED scene light available in multiple different voltage configurations, beam patterns, and colour temperatures. Featuring a durable glass lens, it stands up to harsh environmental conditions. The universal pedestal mount provides added flexibility and custom placement

### 527 Warning Zone Light

The 527 projects a large "Keep Out" zone of red light onto the ground to alert workers and vehicles to stay out of potentially hazardous work areas, such as the swinging path of a shovel or drag line.

### 7150 / 735 Series Work Lights

The 7150 Series oval (7 x 5") LED work light and the 735 oval (5 x 3") LED work light is suitable for applications such as mining and construction where a high degree of visibility and durability is required. Both provide high performance optics and an aluminium housing that is extremely resistant to shock, vibration, and corrosion.



### Vision X Shocker Dual Action Light Bar



The Shocker Dual Action LED Light Bar brings versatility and lighting power to the forefront by allowing you to adjust your vision to the ever-changing driving conditions with the flick of a switch.

- Broad Spot and Elliptical Beam
- Dual Function Lighting Technology
- 5A @ 12V DC, 60W
- Race-inspired Side Mounts
- High Output CREE LEDs
- Lengths Available: 11.97", 21.89", 31.81", 41.73" inches (30.4cm, 55.6cm, 80.79cm, 105.9cm)

**Application:** Drills, Dozers, Excavators and Graders

## 2 & 3 Digit LED VID Board



The Vision X Identification Number Board allows personnel to quickly identify vehicles in any weather condition. Available in 2-Digit or 3-Digit configurations, these boards can be changed as often as needed, and can run 24/7. Installing the ID Number Board means vehicles won't require numbers to be painted, reducing downtime during crucial time frames.

- Voltage: 12/24V DC, 78W or 117W
- IP68/69K
- Colours available: Amber, Green, Blue or Red
- Warranty: 3 Years

**Application:** Off-highway, mining, specialty & commercial trucks and buses



## ECCO Featured Products

### 7160A / 7660A LED Beacon



7160A

The 7160 Series - Reflex™ LED provides the ultimate level of power, versatility and style available in an LED beacon. The 7660 Series beacon combines all the major benefits of the latest LEDs with the unmistakable warning signal of a rotator, all without compromising reliability.

#### 7160A:

- 15 flash patterns and hi/lo intensity control.
- SAE J845 Class I, Cal. Title 13, CE, R10, IP66, RoHS
- 12-24V DC, 2A draw
- Warranty: 5 years

#### 7660A:

- 125 Flash Rate with Magnet Mount and/or Vacuum Mount
- SAE Class I, CE, R10, IP67
- Voltage: 12-24V DC, Current: 2.3A @ 12V DC
- Warranty: 5 Years

**Application:** Construction vehicles, heavy equipment, waste and utility vehicles, mining, material handling

### SAE Class I LED Beacon



7660A

## Multi-Frequency Reverse Alarms



EA7070

The ECCO Multi-Frequency back-up alarms provide a safe warning signal for those in the danger zone of backing vehicles. This alarm emits sound at multiple frequencies attenuated above 4000Hz so that the sound is perceived to dissipate more quickly than a conventional pure-tone alarm.

- Emits sound at multiple frequencies
- Sealed in epoxy for protection against dust, moisture, and vibration
- Approvals: SAE Type F, CE, R10, IP66
- Voltage: 12-24V Multivoltage
- 87Db, 92Db, 97Db, 102Db or 107Db
- Warranty: ECCO LIFE / 2 Years

**Application:** for confined or densely populated work areas where noise pollution needs to be minimised



EA6100



### EC2030-WC

The EC2030-WC Gemineye is a battery operated wireless camera with a CMOS colour infrared camera that delivers great picture quality. With short charging time, long battery life, and a heavy-duty magnet mount, this camera is perfect for a variety of applications.

#### EC2030-WC:

- Waterproof (IP69K)
- Compatible with EC7008-WM
- Comes with Micro HDMI to USB charging cable

**Application:** Mobile CCTV, on-road applications, 4WDs, SUVs, light trucks, vehicles and trucks



### EC7008-WK

This quad view wireless camera system comprises of a feature-packed 7" LCD high-resolution touch screen monitor and CMOS colour infrared camera, that delivers excellent picture quality.

#### EC7008-WK:

- Auto pair camera capability
- Quad split screen & SD card enabled (up to 128GB)
- 2.4 Ghz digital wireless system
- Four camera expandable

**Application:** Mobile CCTV, on-road applications, 4WDs, SUVs, light trucks, vehicles and trucks



## INDUSTRIAL AC FIXTURES

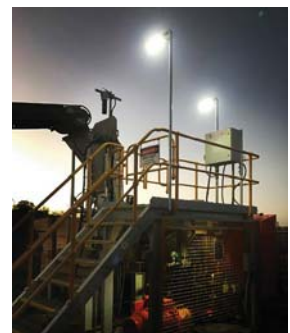
### LY400 / LW400 Series LED Walkway Light with Emergency Backup



Outputting 2200 Lumens, it features a one-for-one replacement for 70W HID lights. Also available in the Green LED model for eye-wash stations.

- Industrial-grade LED chips and driver
- IP65 fixture, waterproof & shock resistant
- Wide 140° optical lens
- Tempered glass effective against aging\ colour-changing
- Minimum Emergency backup time is 90 minutes
- 20W (LW400), 22W (LY400)

**Application:** Walkways, conveyor systems, pathways, auxiliary, mining, marine, industrial/ port terminals, eye-wash stations



### VL-Pitmaster Series



The VL-Pitmaster Series offers a voltage configuration of 90-305V AC, and 56 powerful LEDs that produce an outstanding 16,785 lumen output. This product is ideal for numerous applications including mobile lighting towers. Its functional design allows it to be easily adjusted with a heavy duty trunnion bracket.

- Beam Angle: 60°
- 15,351 Lumens
- Reverse Polarity Protection
- Rating: IP68, IP69K, CISPR25, ISO 9227
- 21.2 Grms vibration
- Voltage Available: 12-32V DC, 48V DC or 90-305V AC
- 5000K Colour Temperature

**Application:** Port terminals, industrial, cranes, stadiums



# SHOVEL / DRAGLINE AC FIXTURES

## 10W LED Junction Box



The 10W LED Junction Box fixture by Vision X is ideal for a range of applications on site and features a 180 degree Ultra Flood beam pattern. Also available for green eye wash stations and in Plasti Dip yellow coating on the housing, to provide added protection in highly corrosive environments.

- Beam: Ultra Flood 180°
  - 1,000 Lumens
  - Voltage: 10-30V DC, 90-305V AC, 10W
  - Colour Temperature: 5000K
  - Mounting Options: 4x Mounting Feet
  - Available in green eye-wash
- Colours available: Amber, Red, Green, or Blue

**Application:** Mining, marine, industrial and port terminals



Corrosion Resistant

## 50W LED Junction Box



The 50W LED Junction Box fixture comes in a 90 degree wide flood or 180 degree ultra-wide flood beam pattern. It's fitted with advanced electronic technology like Pulse Width Modulation, Electronic Thermal Management, and a Redundant Circuit Design for added workplace safety. Also available for green eye wash stations.

- Beam: Spot 10°(SD), Narrow 25°(ND), Medium Flood 40° (MD), Flood 60°(FD), Wide Flood 90°(WD) and Ultra-Wide Flood 180°(UD)
- 6,000 eLumens (effective)
- Rating: IP68, IP69K, cULus Listed, CISPR22
- Voltage: 10-30V DC, 90-305V AC, 50W
- Standard (Mount Feet), PSF (Pole Slip Fitting), SWL (Swivel), PEN (Pendant), Trunnion Mount Bracket (TM), Wallpack Mount (WM)

**Application:** Mining, marine, industrial and port terminals



## 140W LED Industrial Light



The 140W LED industrial area light by Vision X is fitted with advanced electronic technology like Pulse Width Modulation, Electronic Thermal Management, and a Redundant Circuit Design for added workplace safety. This 18,000 Lumen area light is a dependable and effective LED solution for mining, marine, industrial applications, and port terminals.

- Beam: Spot 10°, Narrow 25°, Medium 40°, Flood 60°, Wide Flood 90°
- 18,000 eLumens (effective)
- Rating: IP68, IP69K, cULus Listed, CISPR22
- 15.6 Grms vibration
- Voltage: 90-305V AC, 150W
- 1.22A @ 115V AC, 0.61A @ 230V AC
- Trunnion Bracket

**Application:** Mining, marine, industrial and port terminals



## 500W Metal Halide (MH) / High Pressure Sodium (HPS) Replacement

## 280W LED Industrial Light



The 280W LED industrial area light by Vision X is a dependable and effective LED solution fitted with advanced electronic technology like Pulse Width Modulation, Electronic Thermal Management, and a Redundant Circuit Design for added workplace safety. This 36,000 Lumen area light is a dependable and effective LED solution for industrial applications, port terminals, cranes, stadiums and stations.

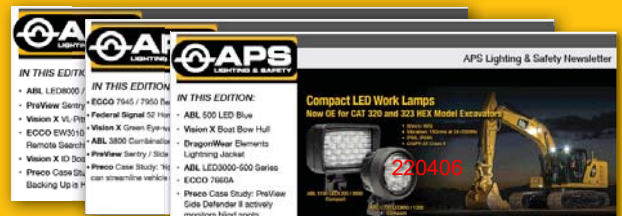
- Beam: Spot 10° (SD), Narrow 25° (ND), Medium 40° (MD), Flood 60° (FD), Wide Flood 90° (WD), Ultra-wide Flood 180° (UD)
- 36,000 eLumens (effective)
- Rating: IP68, IP69K, CISPR22
- 15.6 Grms vibration
- Voltage: 90-305V AC, 480V AC (High Voltage)
- 1.22A @ 115V AC, 0.61A @ 230V AC
- Trunnion Bracket

**Application:** Port terminals, industrial, cranes, stadiums, marine



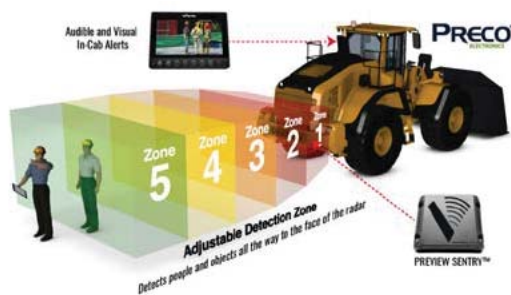
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Visit the APS Website at [www.aps-supply.com](http://www.aps-supply.com) for further details.



# PreView Sentry

## The Most Flexible, Accurate and Powerful Solution



### Description

PRECO, the worldwide leader in heavy-duty object detection systems, is proud to announce their most advanced solution to date: the PreView Sentry. This is the industry's most flexible, accurate and powerful solution. Sentry has a fully adjustable detection zone, with the ability to detect objects from the face of the radar up to 30 meters (98 feet), and the width of the detection zone is adjustable to fit almost all vehicle types. Sentry accurately identifies the location and velocity of up to 16 people or objects simultaneously and is designed to withstand the harsh environments encountered by heavy-duty equipment. With built-in fail safe alerts that notify the operator of radar blockage or communication issues, operators and fleet managers can be sure that they are working with the most reliable object detection system available. PRECO's engineering team spent over two years developing the PreView Sentry radar in order to provide our customers with the most sophisticated heavy-duty object detection radar available.

### Features and Benefits

- Frequency: 24Ghz
- Programmable detection range: 0' to 98' (0M to 30M)
- Programmable detection width: 6.5' to 26' (2M to 8M)
- Current Draw: Less than .25 AMP
- Connects to reverse lights for power
- Operating Temp: -40 F/ +185 F (-40 C to +85 C)
- Sensor Dimensions: 4.9"H x 4.06"W x 1.28"D
- Display Dimensions: 1.0"H x 2.3"W x 2.0"D
- Ability to customize detection zone (range and width) onsite with Pre-coNet Service Tool
- Built to meet rugged J1455 Specs
- Utilizes standard CAN communication protocols

### Tech Specs

Measuring Performance	
Range	0 – 30 m (10 dBsm target) depending on model number
Range Accuracy	0.3m
Azimuth Field of View	±75 degrees (10 dBsm target)
Elevation Field of View	±10 degrees (10 dBsm target)
Angle Accuracy	±2° @ ±10° FOV, ±5 @ ±30° FOV, ±10 @ ±75° FOV
Velocity Range	± 9 m/sec (± 20 mph)
Target Resolution	1.4 m for static targets, approaching 0.3 m for dynamic targets
Cycle Time	120 ms (A CAN bus target message is provided in every cycle.)
Water Tightness	IP 68 - IP 69K
Operating Temp	-40°C to +60°C
Salt Spray	ISO 9227
Housing	Plastic Aluminum
Lens	Hardened glass
Reflector	Free from reflector
Warranty	5 Years
Operating Conditions	
Frequency	24.00 – 24.25 GHz
Power Supply	9 – 33 VDC, Reverse polarity and over-voltage protected
Current	<0.5 A
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +105°C
Shock	50G
Vibration	25 G, random, all three axis
Protection Rating	IP69K

### Applications

Heavy-duty object detection

Operating Modes	
Detection Pattern	Fixed based on model number
Target Detection Time	300 ms
Power On to Active Time	300 ms
Communications Interface	
J1939 CAN Bus	250 Kbits/sec, terminated with 120 ohm resistor
LED Interface	Switch to ground, sink up to 1A, over current protected
Physical Characteristics	
Sealing	IP69K
Housing Material	Polycarbonate radome
Dimensions	4.90" (w) x 4.06" (h) x 1.28" (d) (12.4 cm x 10.3 cm x 3.25 cm)
Weight	1.0 lb (0.45 kg)
Mounting	Four 0.22" (5.6 mm) diameter mounting holes



Authorised Importer and Master Distributor



**APS USA**  
 610 Gateway Center Way, Suites J & K  
 San Diego, CA 92102 USA 314  
 P: 1 619 263 4164  
 F: 1 619 263 6814

**APS Australia**  
 U48 / 9 Vision Street,  
 Wangara, WA 6065 Australia  
 Phone: 61 (8) 9302 2369  
 Fax: 61 (8) 6305 0047

**APS: Singapore**  
**Colombia**  
**Chile 20406**  
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# SAFE WAREHOUSE. SAFE WORKFORCE.

FORKLIFT-PEDESTRIAN SAFETY SYSTEMS



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Disclosure log





# ELOKON. A Safe Success.

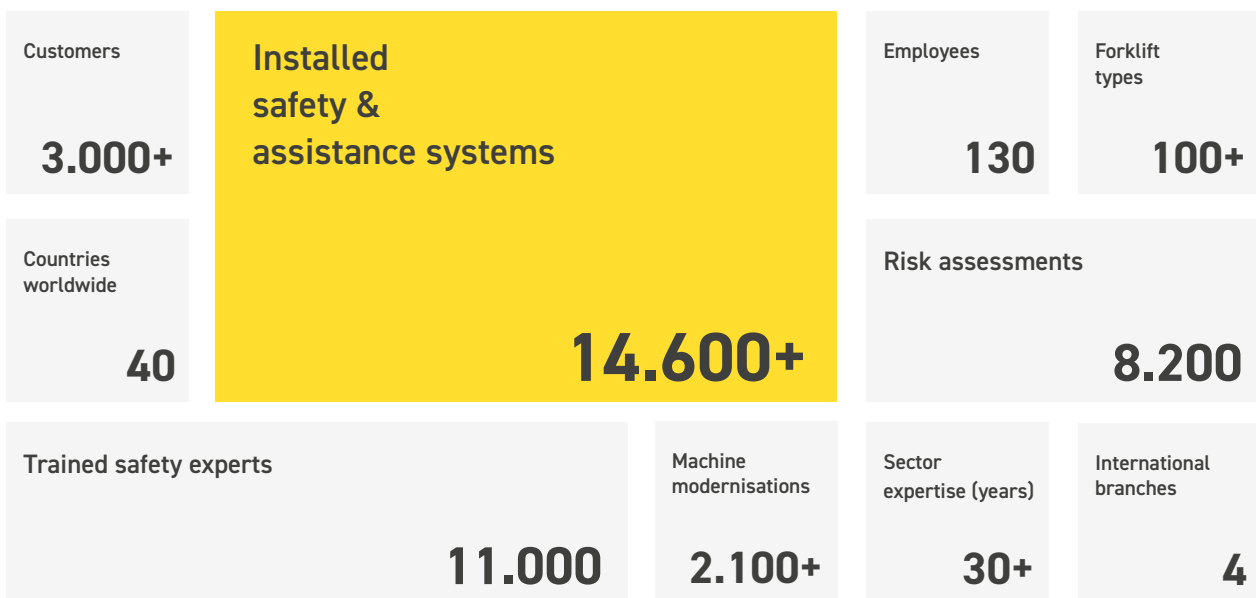
We provide world-class, field-proven solutions to protect people, objects and vehicles in material handling operations. We also advise clients on incorporating health and safety technology into machinery and facilities.

Founded in 1986, we employ more than 130 professionals in our headquarters near Hamburg, Germany, and offices in 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 outside 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



# Health & Safety in Intralogistics

The global supply chain faces constant pressure to improve speed, accuracy and efficiency, whilst reducing costs. ELOKON safety solutions are designed to help you avoid disruption in your supply chain and maximise your material handling efficiency.



## SAFER

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



## MORE EFFICIENT

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

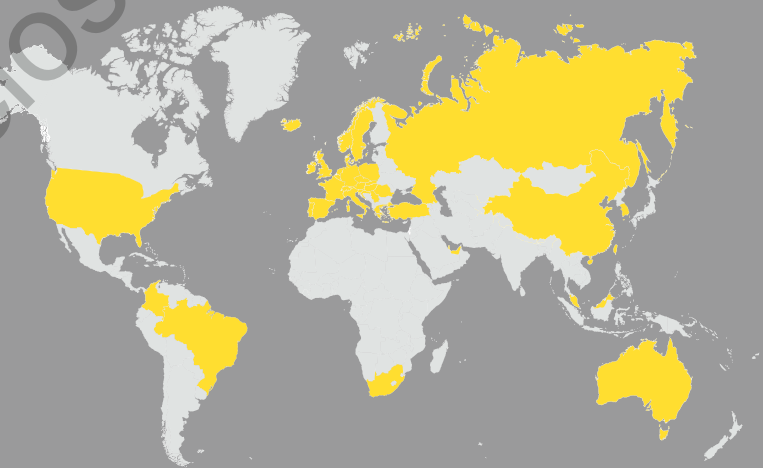


## MORE PROFITABLE

Thanks to our holistic safety concepts, forklift trucks can operate at optimum speed. This guarantees a smooth flow of goods – for maximum productivity and profitability.

3,000+ CUSTOMERS.  
WORLDWIDE.

We work with more than 3,000 customers across almost 40 countries. Our diverse customer list ranges from large multinational corporations to medium-size private companies in local markets.



## A STRONG PARTNER NETWORK



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

# 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 vehicles, goods and facilities. Our systems can be installed on any type of forklift truck – any brand, any age. Our systems can be fitted to new forklift trucks or retrofitted on your existing fleet.

## PERSONNEL PROTECTION SYSTEMS FOR VERY NARROW AISLES

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

## ASSISTANCE SYSTEMS FOR FORKLIFT TRUCKS

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

## MACHINERY SAFETY

With over 30 years of industry experience, we advise machinery and plant construction companies on how to improve the quality and reliability of the safety mechanisms in their complex systems. Our engineers advise customers on the technical aspects of health

and safety to help reduce the risk of injuries, material damage and production downtime, and avoid the high cost of disrupted operations. We strive to optimise both worker safety and plant efficiency.

### Winning solutions





# SYSTEMATIC SAFETY

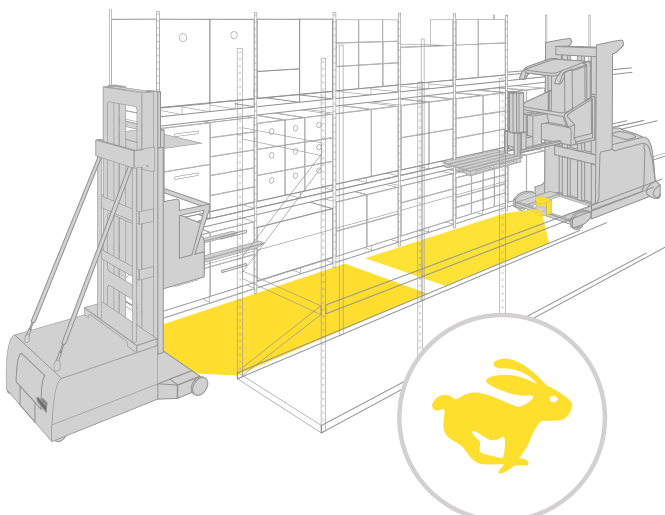
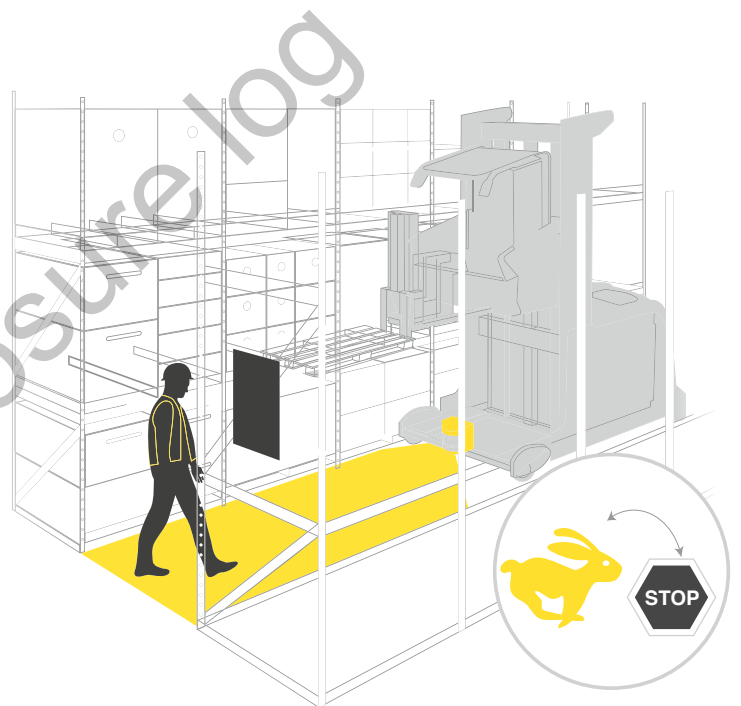
# Personnel Protection System for Narrow Aisles

ELOprotect is an automatic safety system which protects personnel when forklift trucks are in operation in high bay racking. It is a specially designed solution for the narrow aisle warehouse to prevent the occurrence of accidents between forklift trucks and pedestrians. This mobile system has been designed to accord to the highest safety standards and is recognised by the regulatory authorities as a replacement measure for risk reduction when operating a narrow aisle warehouse. ELOprotect complies with DIN EN ISO 13849-1.

**ELOprotect**  
VNA Vehicle-Pedestrian Safety System



ELOprotect monitors the danger zone in the moving vehicle's direction of travel as well as in both directions when it is stationary, ensuring that neither a pedestrian nor a forklift can approach each other unnoticed. If a person or an obstacle is detected when the truck is moving the truck is brought to a standstill and an alarm is activated.



## Collision protection in narrow aisles

The anti-collision version of ELOprotect cuts out the danger in narrow aisles as the system's intelligent laser technology prevents forklifts colliding with each other. This enables the simultaneous operation of more than one forklift in an aisle whilst allowing operation at optimum speed.

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

Awarded "BEST-OF" in the Intralogistics and Production Management Category.



A woman with long brown hair, wearing a yellow hard hat and a high-visibility yellow safety vest over a light blue shirt, stands with her arms crossed in a factory setting. The background is a yellow-tinted image of industrial machinery. A large white circular graphic is positioned in the upper right, containing the text '360° PROTECTION'.

# 360° PROTECTION

losure log

# Assistance Systems for Forklift Trucks

We develop and manufacture assistance systems for forklift trucks and other industrial vehicles. These electronic systems intervene automatically when vehicles engage in unsafe behaviour 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

Position to See



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 25 metres 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)



## 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)



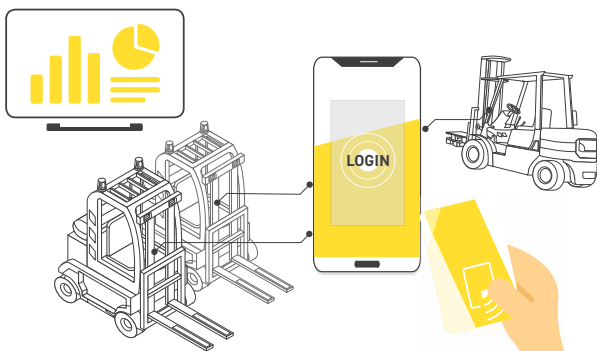
## ELOfleet

Smart 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)



# Our End-to-End Services

With over 30 years of industry experience, in-depth expertise in safety technology and successful implementation and support of 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 SERVICE

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

## PROJECT MANAGEMENT

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

## 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.

## 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 accordance with health and safety regulations, periodic refresher retraining, and on-site assistance from service technicians.

## PRODUCT INNOVATIONS

We welcome new product ideas from our customers – to improve forklift truck safety, driving comfort, ergonomics, economy and/or efficiency. With 30+ 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 and agile product development!**



»THE **ELOKON** BRAND IS SYNONYMOUS WITH **LEADING EXPERTISE** IN THE DEVELOPMENT OF **INTRALOGISTIC SAFETY AND ASSISTANCE SYSTEMS** FOR PLANT AND MACHINERY SAFETY.«

Daniel Salas, Key Account Manager Transport Logistics Building Automation, SICK Vertriebs-GmbH

THE ELOKON PARTNER PROGRAM

Forklift truck  
manufacturers  
(OEMs)

Forklift truck  
dealerships

System  
integrators

Technology  
providers

ARE YOU PASSIONATE ABOUT INTRALOGISTICS OR MACHINERY SAFETY? **WE SHOULD MEET!**

# ELOKON. WORLDWIDE.



## 3,000 + CUSTOMERS. WORLDWIDE.

With industrial experience and technical expertise from more than 3,000 projects in more than 40 countries, we optimise the intralogistics and machinery safety of our customers.


**ELOKON GmbH (Ltd.)**  
 Quayside Tower 2<sup>nd</sup> Floor,  
 Broad Street, Birmingham  
 B1 2HF West Midlands / UNITED KINGDOM  
 T. +44 121 3922499  
 E. info@elokon.co.uk

**ELOKON GmbH**  
 Gärtnerweg 49  
 25436 Tornesch / GERMANY  
 T. +49 4122 9570-0  
 E. info@elokon.com

**ELOKON Logistics Sp. z o.o.**  
 ul. Tytoniowa 22  
 04-228 Warszawa / POLAND  
 T. +48 22 8127138  
 E. logistyka@elokon.pl

**ELOKON INC.**  
 3414 Peachtree Road, N.E.  
 Suite 1600, Monarch Plaza  
 Atlanta, Georgia 30326 / USA  
 E. info@elokon.com