



# Proximity Warning Solution

Forklifts are vital to your business, but they introduce risk to the workplace. Our 360° proximity warning system equips you with the alerts and actionable insights you need to reduce forklift incidents and make your workplace environment safer.



# *Lopos* alert

## How it works

### The alerts

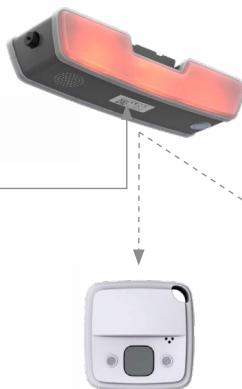
Receive immediate feedback when a proximity perimeter is breached through alerts in a variety of formats: audible, vibrations and bright LED light.

### The tech

Forklifts are equipped with a “beacon” and workers with a “wearable”. These devices communicate with each other using ultra-wideband technology.

### The insights

Gather actionable insights through our online platform to improve overall safety and reduce incidents in the warehouse.



# Reduce forklift incidents and make your workplace safer

Many workplace accidents involve a forklift. Because of this, warehouse insurance policies increase year on year. Absenteeism due to incidents has become a major issue. Training doesn't seem to be enough. The costs to both human life and to businesses can be significant.

Our proximity warning system integrates seamlessly with your telematics or works as a standalone solution so you can reduce incidents and enhance safety.





# Features

## For every forklift



Our solution works on every forklift, no matter the type or brand, both in your warehouse and outside.

## Easy installation



Our solution is easy to install, works on every forklift requires no additional infrastructure and to integrate into your current or future telematics system.



## No blind spots

With our 360° proximity detection, you'll receive alerts no matter where you are located around the forklift.



## Totally configurable

Customise the alert sounds, light warnings, and detection range in line with your own safety policies.

## Online Platform



Self service configuration of Lopos Alert and actionable insights for reporting, further training and education right at your fingertips.

## Reliable



Lopos' Ultra Wide Band radio technology offers 15 cm measurement accuracy and is very responsive since we measure distance 10 times every second.



# Specifications

Conformity & Certifications:	CE, FCC, RoHS
Distance measurement accuracy:	≈ 15cm (UWB)
Operating temp:	-20°C to +60°C

## Wearable

**Power supply:**

5V, 500mA

Magnetic charging port

**Types of alarm:**

Sound (max 100dB), Vibration  
and LED

Battery duration:

2-5 days

**Charging time:**

90 min

**Dimensions:**

46 x 46 x 19mm

1.8 x 1.8 x 0.75 inches

**Weight:**

≈ 35g - 1.25 ounces

**Water resistance:**

Plastic IP64

## Beacon

**Powered through**

the forklift battery or telematics

**Standalone:**

12-36V (up to 80V with  
DC/DC converter)

**Types of alarm:**

Sound (max 100dB) and LED

**Connectivity:**

WiFi 802.11 b/g/n - Bluetooth: 5.2 -  
RS232/CAN

**Dimensions:**

280 x 100 x 65mm

11 x 3.9 x 2.5 inches

**Weight:**

≈ 400g - 14 ounces

**Water resistance:**

Plastic IP67

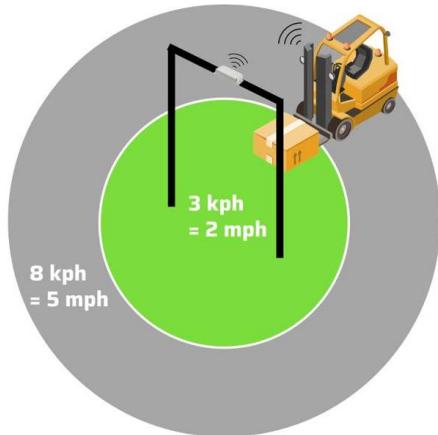
# More than just a proximity warning system

## Warnings based on speed

### and direction

*dynamic ranging:*

The warning range of the beacon expands in the direction that the operator drives. The faster the operator drives, the greater the warning range. Thanks to this we are able to minimize false alarms and include the braking distance of the forklift.



## Speed control:

Our technology can be used to slow down your equipment in dangerous situations.

\* With an additional Lopos Alert zone anchor you can reduce speed at gates (and even open and close them based on proximity.)

### **Forklift to workers alerts**

Keep workers safe when forklifts come too close

### **Forklift to forklift alerts**

Minimise damage to your machinery

### **Other equipment and assets.**

Make your entire workplace enviroment safer

**Request an online demo:**

[www.lopos.be](http://www.lopos.be)

**Contact us now:**

[sales@lopos.be](mailto:sales@lopos.be)

**Lets get connected:**



[linkedin.com/company/lopos](https://linkedin.com/company/lopos)

***www.Lopos.be***

