



AntiCollision System.  
Enhancing Workplace  
Safety: Introducing Our  
Vehicle-Human Anticollision  
System for Factory  
Environments.



# Our Last Innovation AntiCollision System.

In bustling factories and high-traffic warehouses, accidents involving vehicles and pedestrians pose a significant risk. At Elkom, we're committed to safeguarding lives within these industrial areas. That's why we proudly introduce our cutting-edge AntiCollision System.



AntiCollision System  
minimizes the potential for collisions.



Our innovative system comprises vehicle-mounted transmitters and wearable receivers, designed to minimize the potential for collisions. Transmitters are seamlessly integrated into vehicles, while receivers can be conveniently worn as bracelets on the wrist or integrated into safety helmets for pedestrians.

With safety as our top priority, our AntiCollision System is engineered to create a secure and accident-free working environment.

# AntiCollision System

## CASE STUDY

### YARA HELLAS S.A. – B Industrial Area Volos.

«To increase safety level of the visitors and the drivers, and in general all pedestrians that are moving in the terminal, and to avoid collision between vehicles, we have installed a UWB anticollision system.»



«The specialized AntiCollision system we installed in our factory added significant value to the safety quality of our workers and vehicles. ELKOM has been by our side from the beginning, our ally and advisor in its smooth, seamless and efficient operation, providing us with the required guidance and their technical expertise.»

**Knowledge grows**

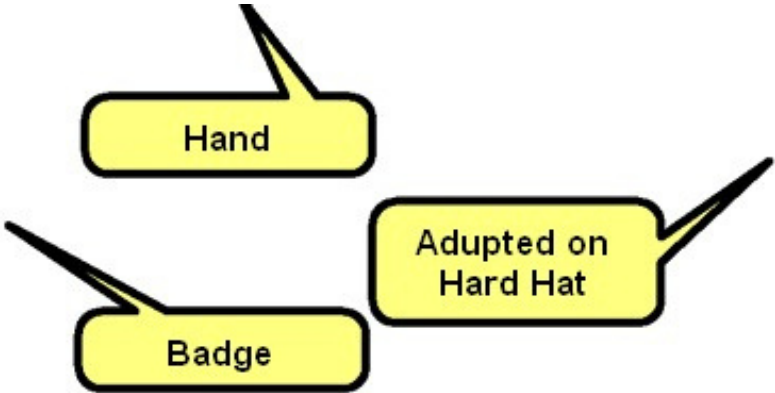
# AntiCollision System.

On each Vehicle we have installed a Transmitter <- -> Receiver system



# AntiCollision System.

To each Visitor, or Truck Driver is given a Sensor which communicate with the vehicles via Ultra-wideband Frequency.



# AntiCollision System.

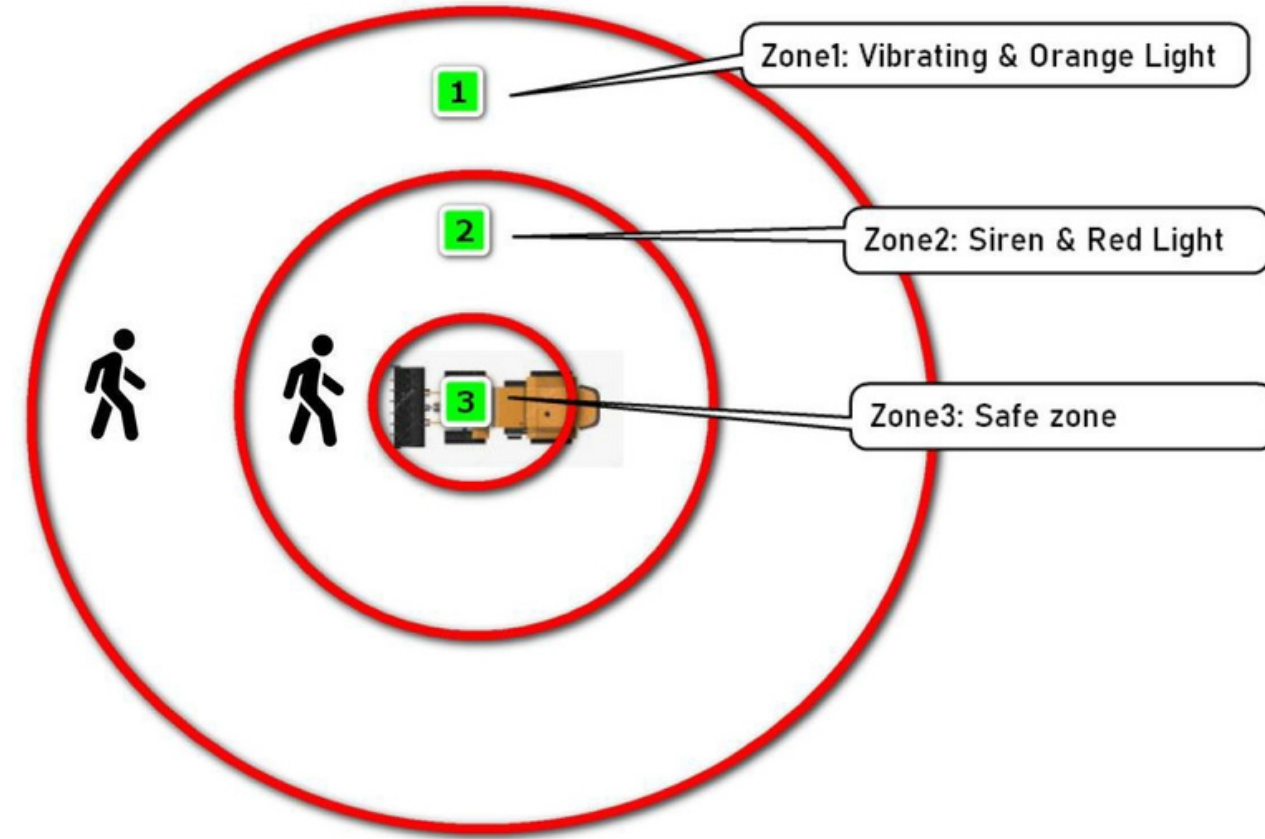
The protection is achieved in two ways.

1. Vehicle to Pedestrian
2. Vehicle to Vehicle

## 1. Vehicle to Pedestrian

If the distance between a vehicle and a pedestrian who wears the bracelet TAG becomes less than predefined distance Zone 1, a vibration is energized at the bracelet and on the vehicle's device a yellow beacon is lit up.

If the distance is reducing more and become less than the predefined distance Zone 2, at the vehicle's device a red beacon is lit up and a siren is energized.



# AntiCollision System.

## 1. Vehicle to Pedestrian.



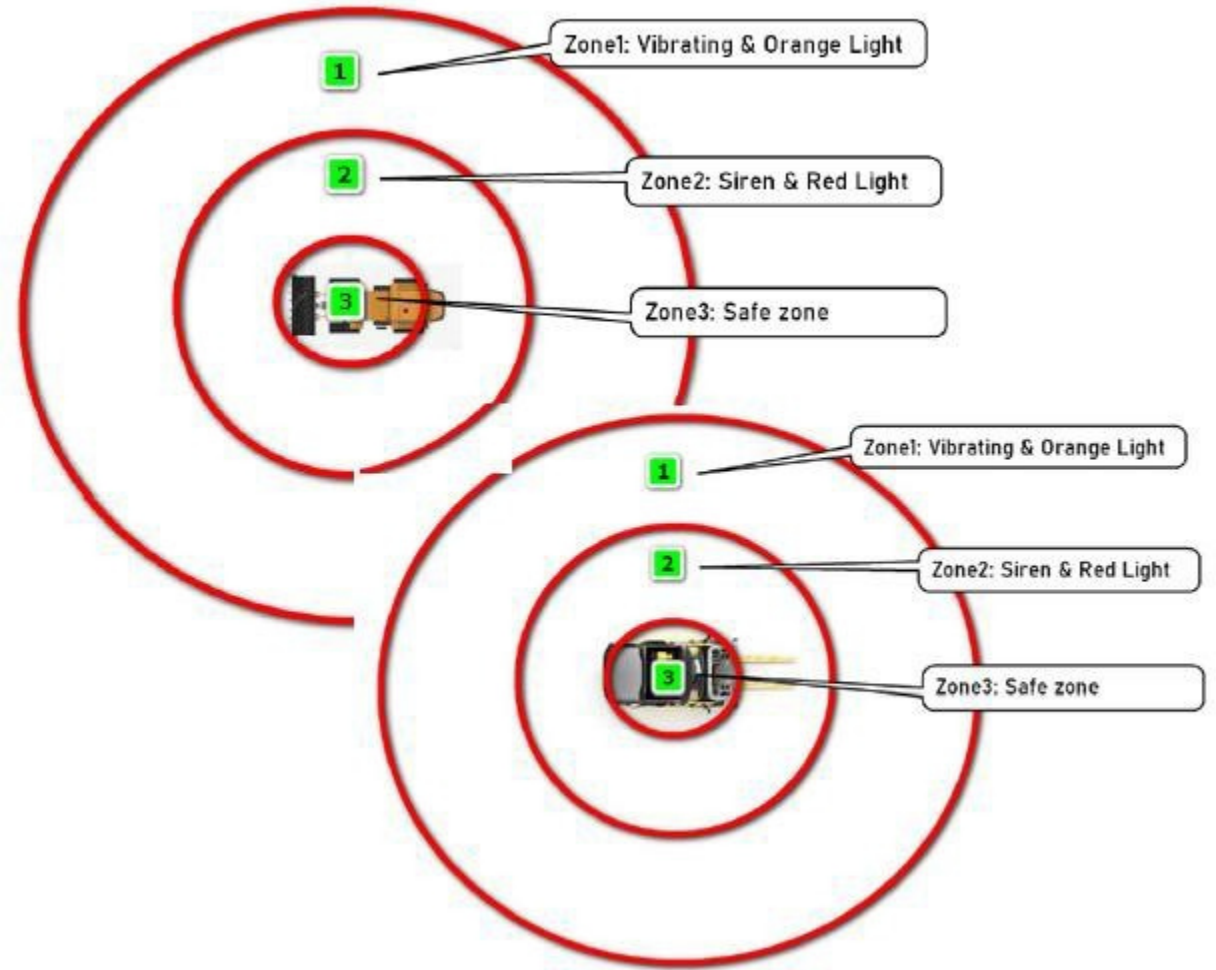


# AntiCollision System.

## 2. Vehicle to Vehicle.

If the distance between a vehicle and another vehicle becomes less than predefined distance Zone 1, a yellow beacon is lit up on both vehicle's devices.

If the distance is reducing more and become less than the predefined distance Zone 2, at both vehicle's devices, a red beacon is lit up and a siren is energized.



# AntiCollision System.

## 2. Vehicle to Vehicle





For more information and prices send us your inquiry at:

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Thank You.

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