

# Our services.



AI-sensor

We generally divide our services into real-time applications and data analyses. After a one-time installation of the system, we can address challenges in the areas of transport and building security, intralogistics optimisation and infrastructure automation.



## Transport security

According to the DGUV, there were still over 30,000 accidents involving industrial trucks in the manufacturing industry in 2019. Often, this is explained by poor or blocked visibility, confined spaces and a certain routine. With our system, we can easily overcome these challenges.



## Data analytics

Furthermore, by analysing the data, our system makes it possible to find potential for improvement, but also to realise real-time adjustments such as the optimisation of walkways and much more.

# Small and powerful.

A sensor that can be hung up anywhere. For full functionality, all that is needed is a PoE ethernet cable. In addition, the housing is IP65 certified and can be mounted in all enclosed spaces using a standardised bracket.



In addition to this, a small and flexible computing device is hung up in a desired location. There, the rest of the magic happens, like sending warning signals to the forklift driver.



*Currently in development.*

# Vehicle interface.

The easiest way to avoid accidents is first and foremost to digitally extend the view of the forklift driver. Through the exact localisation of people and vehicles, people can be displayed in real time on an interface in the driver's cab. The distances and safety areas can be set to any size and with individual signals.

In this case, an approach is shown with a yellow colour. If the distance between the truck and the person becomes smaller, a critical distance is marked in red. If the distance is reduced further, the system flashes to achieve the greatest warning effect.

Furthermore, an active reduction of the driving speed is possible in critical situations



*Currently in development.*

# The INTI.

Just as the vehicle module is an interface for the forklift truck, the Inti is for anyone on foot. What makes it special is that it is super small and can be attached anywhere. Depending on the desired scenarios, different signals can be set. You don't have to limit yourself to just colours, but can also choose different motifs or messages. We also offer the Inti in different sizes.

The case shown on the right demonstrates one possible application. Here, the Inti flashes red when the system detects an incoming vehicle from another room to signal the pedestrian that a forklift truck is operating around the corner.

After the system senses that there are no other vehicles in the vicinity, it signals with a green light that the path can be passed. Such challenges and many more can be easily solved using an INTI.



# Everything important in one place.

All important information can be viewed in our dashboard. This especially includes a live map with individually adjustable objects.

In addition, analyses for forklift trucks but also efficiency information can be viewed here. This includes heat maps, spaghetti diagrams but also pallets per hour, free pallet spaces and much more.

