



PRESS RELEASE

Indoor person tracking for production and logistics

Social distancing at work: how artificial intelligence helps

Munich, 29.04.2020 – On April 16, the Federal Ministry of Labor defined new safety standards that must be respected and observed by all during the corona pandemic. It is expected that economy is step by step returning to the pre-crisis level. A high level of health and safety standards at work are the base for this. A key element here is “Social Distancing”, i. a. the minimum distance of 1.5 m between persons. [Logivations](#) GmbH is an international consulting and technology company based in Munich that offers solutions using innovative object recognition and tracking based on machine learning. These are proven approaches used in production and logistics.

Ensuring the minimum distance between people in production and logistics

Logivations [W2MO Tracking](#) uses cameras and artificial intelligence to understand what’s happening in a warehouse or in production sites. Forklifts and goods movements can be easily tracked. All bookings can be done automatically when moving goods. And: The movements of persons and the minimum distances between them can also be tracked. As soon as persons get too close and violate the minimum social distancing, a warning can be issued: optically, with lamps / warning lights or acoustically. If desired, employees wearing / not wearing a face mask can also be identified. This makes it easy to enforce that only employees with a mask are working in certain areas.

Johannes Plapp, CTO at Logivations: “W2MO Tracking locates objects with an accuracy down to millimeters. That is why it is easy to recognize the distance between persons”.

Privacy protection can be handled in different ways, depending on the customer's wishes. If the protection of privacy is of great importance, the persons are already blurred on the detection unit. In this case, the system only warns if two persons have come too close.

To enable traceability in Corona times, individual persons can also be explicitly identified and tracked. If there is too close contact, the system can document who has been in contact with whom and for how long, thus effectively supporting the follow-up of health authorities.

Tracking of person movements is already included in the standard of W2MO Tracking and it can be installed on short notice.

With W2MO Tracking, significant savings could also be achieved medium and long term. For example, through the automatic detection and booking of goods movements or through the tracking and efficiency analysis of the forklift fleet. The solution can be extended up to the automatic navigation of AGVs and it enables very affordable internal transports.



The customers can install the detection units by themselves - the software can be provided remotely by Logivations. A virtual project without physical contact is possible. More information (and particularly a video) can be found here:

https://www.logivations.com/en/solutions/agv/landing_tracking.php

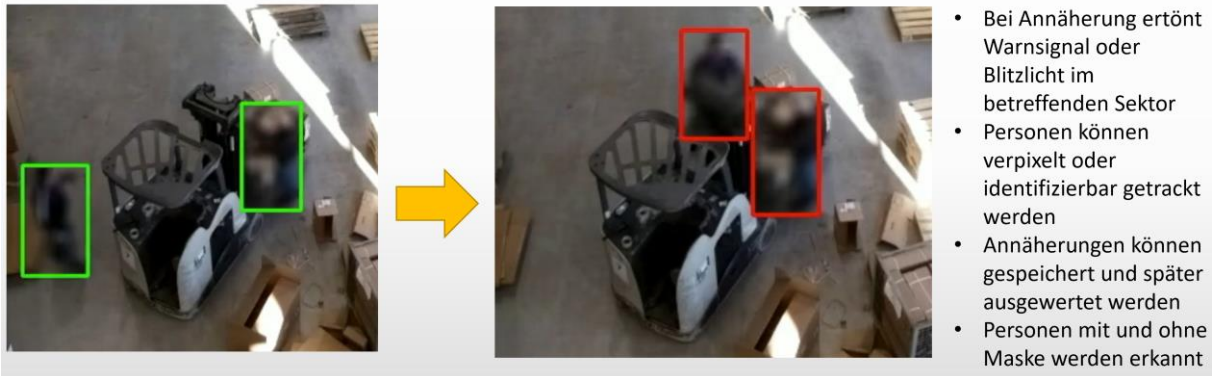
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About Logivations

Logivations is an international consulting and technology provider with headquarters in Munich. The company develops innovative solutions based on advanced AI, optimization and web technologies as well as “Deep Machine Learning” for the holistic planning and optimization of all logistics aspects under the motto “Design by efficiency”. Our software solution W2MO is globally leading in the design, 3D- and VR simulation, optimization, evaluation of supply chain processes, warehouse and production logistics. Already more than 30.000 professional users worldwide use W2MO directly from the cloud or locally installed. W2MO has been nominated several times by committees of experts, inter alia as the “Best Product” at LogiMAT 2011, 2013 by Gartner Inc., the US analyst, as “Cool Vendors in Supply Chain Management Applications”. In 2016 W2MO was chosen by Volkswagen as “Top Innovator of Volkswagen Scouting Logistics Innovations” and in 2019 among the 20 “Nominated Top Innovators”.

www.logivations.com

Pictures:



Picture 1: Health and safety standard at work during Corona-times: W2MO – social distancing with the help of artificial intelligence (Source Logivations)

Further Information + picture material:

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