PRESS RELEASE

Technology driver Logivations at LogiMAT 2019

Machine learning for industrial camera infrastructure tracks transporters and product movements, controls AGVs and boosts the warehouse security

Munich, 11 December 2018 – The [Logivations GmbH](#), international consulting and technology company headquartered in Munich, presents its logistics and production innovations at LogiMAT in Stuttgart from 19 to 21 February 2019.

At two exhibition booths (booth 7 G01 and booth 8 F05) the experts from Logivations will demonstrate innovative technologies for holistic planning, controlling and optimization of all logistics aspects based on state-of-the-art optimization and web technologies together with "Deep Machine Learning".

"Digital innovations such as machine learning, complex algorithms, computer vision and autonomous robots are steadily conquering logistics. In order to realize the full potential of the digital transformation we have integrated camera-based detection and recognition technologies together with modern methods of machine learning and computer vision into our simulation and optimization solution W2MO", informs Andrea Plapp, Managing Partner of Logivations.

Result: with its [software solution W2MO](#) Logivations offers a globally unique functional portfolio and integration from supply chain engineering to logistics planning, intelligent optimization algorithms, identification, localization and live tracking of real product movements and vehicles as well as operative control of camera-guided AGVs.

Exhibition highlights:

Hall 7 – booth G01: world premiere: camera-guided AGV and tracking

Logivations revolutionizes everyday industry and logistics with its [innovative camera infrastructure](#). The system allows a redundant and error-correcting configuration, since several cameras can simultaneously capture the same objects and areas and determine their absolute positions.

The Camera-guided AGV control system enables full and constant visibility of the overall situation in the working area and can directly calculate alternative routes online and warn vehicles on a potential collision course much earlier than the vehicle sensors could.

The in W2MO integrated optimization algorithms for tour building minimize the working time expenditures when using the AGVs. As a result, the camera infrastructure achieves a significant efficiency increase and cost optimization and enables sensible rationalizations. The economic benefits are considerable. The costs for AGV navigation are reduced to less than half!

Hall 8 – booth F05: LIVE demos logistics planning and optimization, supply chain engineering and identification station

Here the experts from Logivations show their entire portfolio. New innovations are:

The identification work station combines 3 applications: object identification with the help of barcodes, text reading and shape/color - video documentation of the processes - visualization of packing schemes with step-by-step instructions for the packer.

W2MO "Supply Chain Engineering" was extended by various visualizations and algorithms. New freight cost database interfaces for the transfer of current and detailed freight costs were added. Extensive traffic data can be retrieved from Google and used for the optimization with a Google key.

W2MO "Logistics Planning and Optimization": the simulation and visualization were further developed for an extremely realistic 3D visualization, respectively virtual reality.

Practical: as a web-based software, W2MO is available in several languages, via mobile devices and can be connected various WMS (warehouse management systems e.g. SAP EWM). *www.logivations.com*
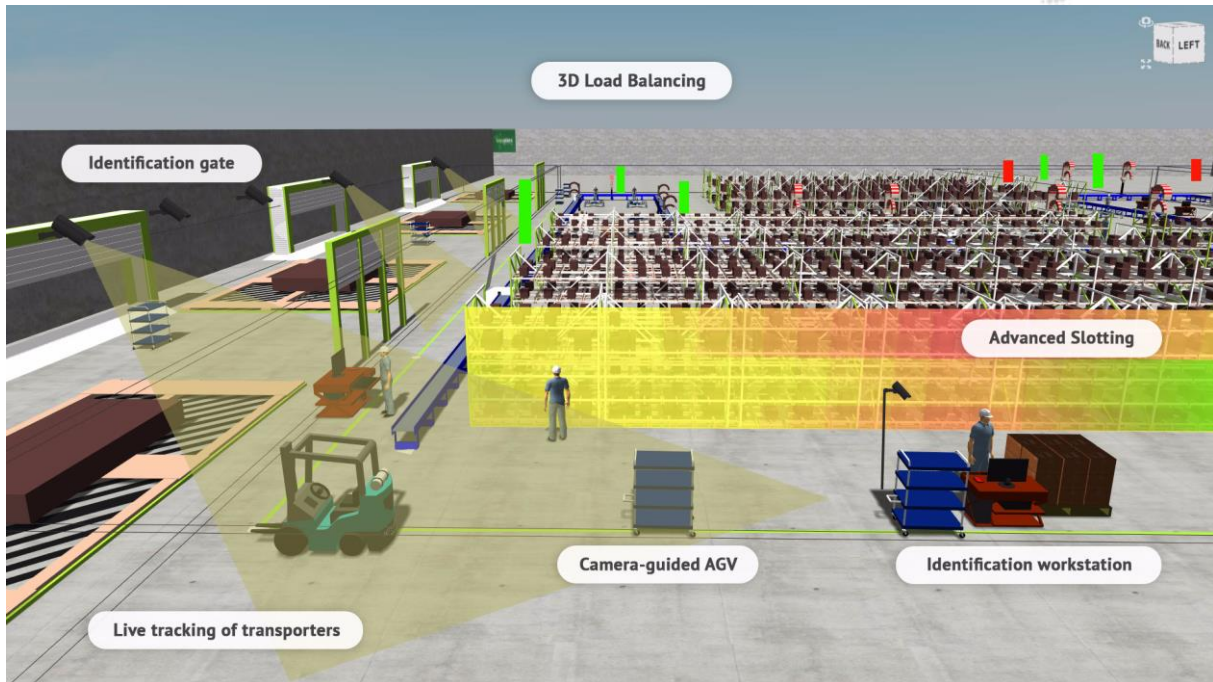
(Request a copy or a link if published)

About Logivations

Logivations GmbH is an international consulting and technology provider with headquarters in Munich. The company develops innovative solutions based on advanced web technologies for holistic design and optimization and "deep machine learning" of all logistics aspects under the motto "Design by efficiency". Our software solution W2MO is the leading Internet platform for logistics design, 3D-simulation, VR visualization, optimization, evaluation of supply chain processes, warehouse and production logistics. More than 30.000 professional users worldwide use W2MO directly from the cloud or locally installed. As SAP Application Development Partner Logivations can provide an integration with SAP quickly and easily. W2MO has been nominated several times, including for the "Best Product" at LogiMAT 2011. Gartner Inc., the US research and advisory corporation, highlighted Logivations in their 2013 report on "Cool Vendors in Supply Chain Management Applications". Volkswagen awarded Logivations as "Top Innovator" for logistics innovations in November 2016. www.logivations.com

Pictures:

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Picture 1: Logivations camera infrastructure achieves constant transparency of the internal processes with live tracking of product movements in a 3D model and optimized AGV controlling.

Further Information + Visual Material:
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