

Press release

Logivations among the finalists of the Smart Solution Award 2026

Real-Time Digital Twin connects AI-based Recognition with booking, control and planning

Munich, 30 September 2026 – Logivations GmbH and its Real-Time Digital Twin are among the four finalists of the Smart Solution Award 2026. AI cameras on the hall ceiling detect states and movements in warehouses and production areas – whether a forklift is loaded, whether a storage location is free, and where pallets, vehicles and people (anonymized) are moving. This information flows continuously into the W2MO Digital Twin and is used there directly: for scan-free bookings, for area and fleet management, and for simulation and optimization. The winner will be announced on 10 November 2026 in Frankfurt am Main.

Initial situation: booking by scan, control by visual inspection

In many warehouse and production areas, goods movements are recorded and booked manually by scanning. An up-to-date overview of occupied areas, vehicle positions, utilization and load status is often missing. Replenishment and transport orders are then based on visual checks or average values.

Recognition: AI cameras capture objects, positions and states

The W2MO Real Time Location & Recognition System (AI-RTL&RS) uses cameras on the hall ceiling to recognize forklifts, pallets, load carriers and other logistics objects. Their positions and movements are transferred continuously to the W2MO Digital Twin. The system also captures the load status of a forklift and the fork height.

The images are processed directly in the cameras and are not stored in the standard configuration; people are pixelated and faces are not captured. Tags or labels are not required for localization. The system is based on commercially available standard components and can be integrated into existing IT systems and operating processes.

Booking and control: scan-free bookings, area and fleet management

The Digital Twin shows at any time which areas are occupied or free and how goods and vehicles move through the warehouse. Heatmaps and reports show vehicle utilization, distances travelled and idle times – for example, to analyze where vehicles regularly wait or where unnecessary travel occurs.

Detected goods movements can be transferred automatically to the existing warehouse management system and booked there. This reduces the effort for manual scanning; the leading inventory systems remain unchanged.

Depending on the configuration level, W2MO also supports transport control as well as area and fleet management. Manually operated forklifts, automated guided vehicles and autonomous mobile robots can be managed together as a mixed fleet.

Planning and simulation: one model for capture, control and planning

What distinguishes the solution is the combination of these functions: real-time capture, area and fleet management, and planning and optimization are all based on the same Digital Twin. The captured information is directly available in W2MO for simulation and optimization – for example for slotting, picking tours, wave planning or fleet sizing. What-if simulations can be used to examine how changed processes affect vehicle and staff requirements and where bottlenecks are to be expected. Exporting the data to separate analysis or simulation tools is not necessary.

“For daily planning and control, companies need up-to-date information on where goods are located, which vehicles are available and where material is needed. Our Real-Time Digital Twin provides this data and uses it directly for area and fleet management. We are pleased to have reached the final and look forward to presenting the solution in Frankfurt,” says Patricia Rachinger, Chief Solution Officer at Logivations.

Final on 10 November in Frankfurt

The Smart Solution Award is presented as part of the Supply Chain Awards by LOGISTIK HEUTE, PwC and Strategy&. It recognizes innovative supply chain concepts in an early implementation phase that have the potential to fundamentally change existing value chains. Alongside Logivations, the finalists are byegain, Freshflow and traide AI.

On 10 November 2026, the finalists will present their solutions to a professional audience and the jury at Tower 185 in Frankfurt am Main. The winner will be selected by an independent jury of experts; votes from the audience in a live poll will also be taken into account. The award ceremony will take place the same evening.

About Logivations

Logivations GmbH is an international technology and consulting company based in Munich. Founded in 2010, the company draws on experience from more than 800 consulting projects. W2MO is used by more than 30,000 users. The core of the portfolio is the W2MO Logistics Suite, a platform for digital twins in logistics. It ranges from supply chain network planning, the planning and optimization of warehouse and production logistics and camera-based real-time digitalization to area and fleet management for forklifts, automated guided vehicles and autonomous mobile robots. A new addition is an integrated MCP server (Model Context Protocol), which allows large language models such as ChatGPT, Claude or Gemini to be used securely and in a controlled manner within the Digital Twin.

www.logivations.com

Further information and image material:

Logivations GmbH
Ms Liubov Mazur
Wilhelmine-Reichard-Straße 13
80935 Munich, Germany

Phone: +49 89 2190 9750
E-mail: marketing@logivations.com
Web: www.logivations.com

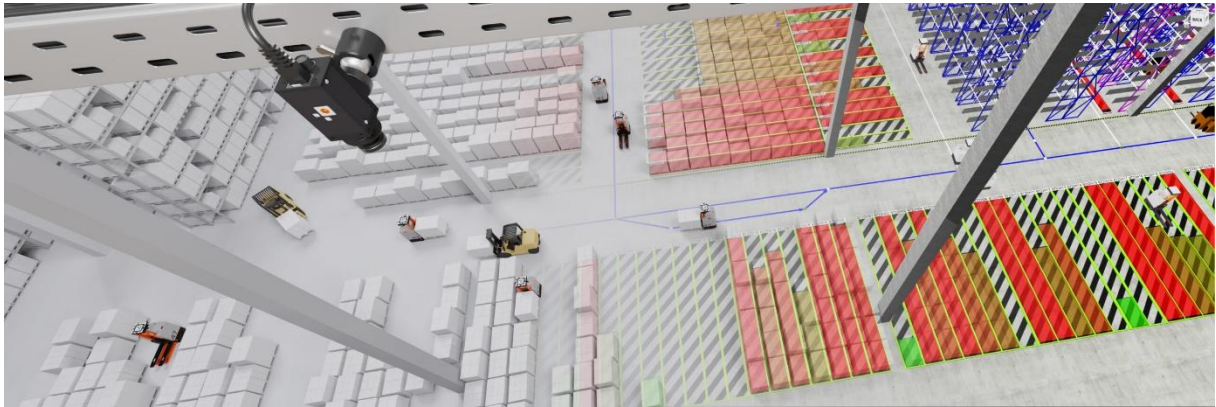


Image: W2MO Real-Time Digital Twin with fill-level heatmaps (Source: Logivations)