

# LogiMAT Daily

The official trade fair newspaper

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PHOTO: RAINER BARCK

The “BEST PRODUCT 2026” award winners in a group photo: Standing between the presenter and jury chairman Prof. Dr.-Ing. Johannes Fottner (left) and LogiMAT Exhibition Director Michael Ruchty (right) were (from left to right) representatives of the Norwegian sensor manufacturer Sonair AS, the Ehrhardt Partner Group (EPG) and CeiliX Technology GmbH.

## AI Analysis, Ceiling Robotics and Ultrasonic Sensor Technology

**BEST PRODUCT** On the first day of LogiMAT 2026, the “BEST PRODUCT” trade fair award recognised three innovative, forward-looking new developments aimed at enhancing efficiency, automation and process optimisation in intralogistics.

On the first day of LogiMAT 2026 in Stuttgart, three particularly innovative developments were honoured with the “BEST PRODUCT” trade fair award. The solutions address key challenges in intralogistics and rely on artificial intelligence, robotics and new sensor technologies. From more than 110 entries,

systems were selected which, according to the organisers, provide new impetus for more efficient and flexible processes.

The award ceremony took place as part of the official opening. The selection was made by an independent jury of scientists and trade journalists. Prof. Dr.-Ing. Johannes Fottner,

Full Professor of Conveyor Technology, Material Flow and Logistics at the Technical University of Munich and Chairman of the “BEST PRODUCT” jury: “We received many excellent entries and it was difficult to select three winners. But we have once again succeeded in honouring three intelligent developments.”

## AI Warehouse Monitoring

In the Software, Communication and IT category, the “EPG AURA Observer” from the Ehrhardt Partner Group (Hall 4, Stand 4A71) was honoured. The solution enhances traditional video surveillance systems with AI-supported real-time analysis and, for the first time, utilises video data as an operational control variable during ongoing operations.

According to the company, movements, interactions and processes in the warehouse are not only recorded but also semantically interpreted. This is based on a combination of camera-based video analysis and so-called vision-language models. These enable visual information to be evaluated in context and operational signals to be derived from it.

A key feature is event-based analysis. The system detects deviations from the normal process flow and classifies them automatically. The events to be monitored can be flexibly defined and customised via a virtual assistant. This enables the solution to address various requirements in logistics processes, such as in the areas of security, process quality or material flow. Another aspect is data processing. Individuals are recorded exclusively in anonymised form. Only detected events and status information are stored, whilst the image material itself is not archived. The provider sees this as an approach to compliance with key data protection requirements.

## Ceiling-Mounted Cobot

In the category of order picking, conveyor, lifting and storage technology, the jury awarded the prize to the “SkyBot” from CeiliX Technology GmbH (East Entrance, Stand EO91A). The system is based on a mobile, omnidirectional cobot that moves along the hall ceiling, thereby opening up a previously underutilised plane of movement.

The technical basis is a modular ceiling rail system installed on the hall ceiling. This enables free movement independent of existing floor structures, traffic routes or machine layouts. According to the manufacturer, this means the cobot can also be used in complex or confined environments. The “SkyBot” handles tasks such as assembly, handling and internal transport. By decoupling from floor-bound systems, the floor space remains free for other processes, such as manual tasks or automated guided vehicles.

A key feature is scalability. Multiple units can be operated in parallel and perform different tasks simultaneously. Overtaking manoeuvres are also possible. Furthermore,

the infrastructure can be expanded across multiple halls or levels. The aim is to achieve gradual and adaptable automation that adjusts to fluctuating workloads.

## Ultrasonic Sensors

In the category of identification, packaging and loading technology, as well as load securing, the ADAR sensor from Sonair AS (Hall 8, Stand 8B01) received an award. The technology is based on Acoustic Detection and Ranging and uses ultrasound for three-dimensional mapping of the surroundings. According to the manufacturer, the sensor enables full 3D perception with a detection range of 180 × 180 degrees. This allows autonomous systems to detect objects and people at different heights, which is particularly relevant for safe collaboration between humans and machines.

Technically, the solution combines spe-

cially adapted ultrasonic transducers with beamforming techniques and object recognition algorithms. By transmitting and receiving sound waves, a three-dimensional image of the surroundings is generated.

The supplier positions the technology as an alternative to established LiDAR systems. Savings in sensor and safety costs are reported to be as high as 50 percent. At the same time, energy consumption is said to be low, which has a positive effect on the battery life of mobile systems. The solid-state design has no moving parts and is designed to reduce maintenance requirements.

The award-winning solutions highlight the technological breadth of current developments in intralogistics. The focus is on the integration of AI into operational processes, new approaches to flexible automation, and cost-effective sensor solutions for autonomous systems.

*Tobias Schweickl*

## COMMENT

### Top Innovations Honoured



The organiser of LogiMAT has launched the “LogiMAT BEST PRODUCT” award to draw particular attention to the outstanding achievements of exhibitors. Since then, the award has been presented to products that, through innovative approaches, make a significant contribution to rationalisation, cost savings and increased productivity in intralogistics.

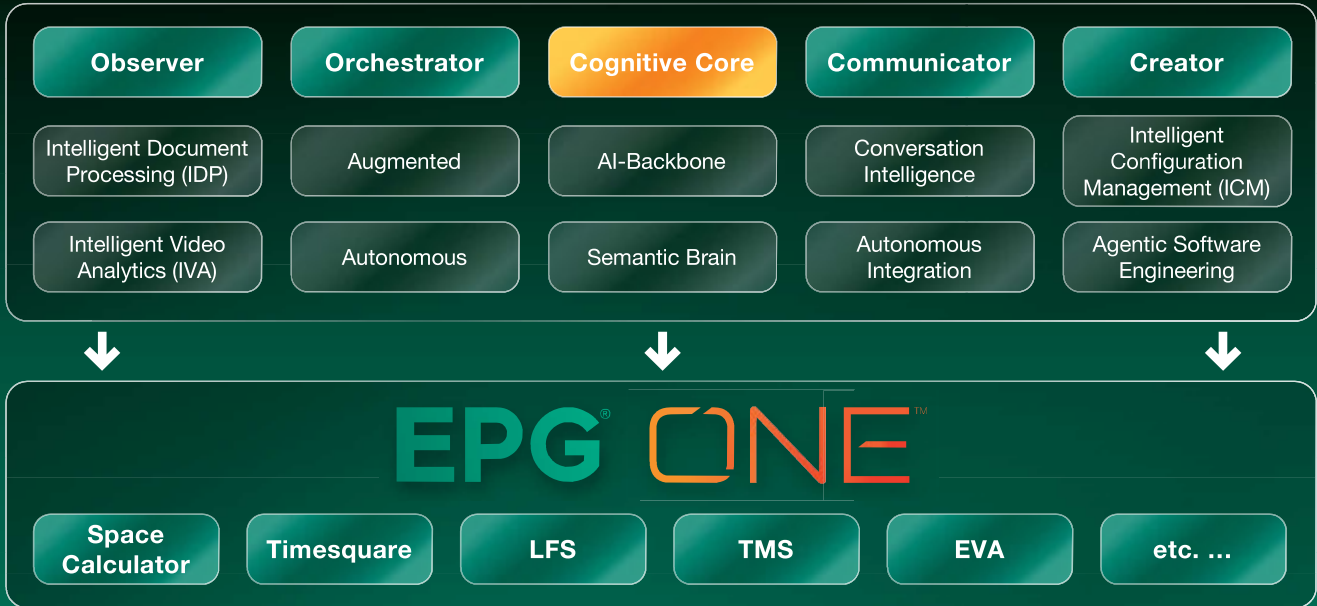
The more than 1,600 exhibitors at LogiMAT 2026 aim to set new standards for intralogistics

applications with their product innovations. The three winners of this year’s “LogiMAT BEST PRODUCT” award could well have a very good chance of doing just that. Whether it is CeiliX with its mobile, omnidirectional ceiling-mounted cobot “SkyBot”, EPG with its AI-supported real-time analysis of warehouse video data “AURA Observer”, or Sonair with its “ADAR” sensor. In all three categories, the winners prevailed against strong competition. The jury selected the innovations from more than 110 entries: the winners scored highly with the jury of experts from the worlds of science and media, who reached their decision after careful consideration – I can say that as a member of the panel.

At the trade fair, visitors can see the award-winning solutions for themselves at the stands of the LogiMAT BEST PRODUCT winners and engage in conversation with them. At the same time, the award-winning innovations impressively demonstrate just how diverse and forward-looking the intralogistics offering at LogiMAT 2026 is.

Matthias Pieringer, Editor-in-Chief of LOGISTIK HEUTE

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