

Busworld Europe 2025: AUMOVIO presents solutions for greater safety, efficiency and ride comfort in bus transport

With its digital VDO ecosystem for tachograph and fleet management, modular driver's workplaces and solutions for greater safety, AUMOVIO presents practical solutions for bus fleets and manufacturers, providing concrete answers to key challenges facing the industry.

AUMOVIO will be presenting a pioneering technology package for modern bus operations at Busworld Europe (Hall 9, Stand 930), the leading international trade exhibition for the industry, which will be held in Brussels, Belgium, from October 4 to 9. The focus will be on solutions that address current challenges such as the shortage of skilled workers, growing cost pressure and increasing regulations. Highlights include safety solutions such as the ProViu 360 surround-view camera system and the ProViu Mirror digital wing mirror, the modular driver's workplace with the second generation of the MultiViu Professional 12 display, and the comprehensive VDO Ecosystem for digital fleet management.

360-degree view and digital mirrors: safety systems for bus transport

With the camera-based ProViu 360 surround-view system, AUMOVIO offers a powerful solution for increasing traffic safety in the bus segment. The system provides a complete 360-degree view around the vehicle and helps drivers to recognize critical situations early on as well as avoid accidents. AUMOVIO has already secured a leading global bus manufacturer as a customer for the latest generation of ProViu 360, which has a higher resolution and meets the latest cybersecurity and functional safety requirements. The first deployment of this generation is planned for 2027. In addition, ProViu Mirror replaces conventional wing mirrors with digital displays, improving visibility in difficult light and weather conditions. Both technologies make a significant contribution to increasing safety for drivers, passengers and other road users.



ProViu 360 surround-view camera system improves safety for busses and coaches.

AUMOVIO_PP_ProViu_360

Modular driver's workplace for improved ergonomics and overview

The modular driver's workplace from AUMOVIO was developed to make every day driving easier, more comfortable and safer for drivers. The focus is on a user concept that is as simple as possible and optimized ergonomics that remain the same in all configurations. At the heart of the system is the HD-capable MultiViu Professional 12 (2nd generation) instrument cluster, which can be individually programmed thanks to its touch interface, and which can flexibly and situationally display images, graphics, symbols, text and videos on the 12.3-inch wide-view TFT color display. It is complemented by flexibly combinable displays and switch panels, so that the respective modules can be individually assembled and adapted to the requirements of the specific application.

MEDIA INFORMATION

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Modular driver's workplace with MultiViu Professional 12 Gen 2 for improved ergonomics and overview in the bus cockpit.

AUMOVIO_PP_MVP12Gen2

VDO Ecosystem enables comprehensive digitalization in fleet management

With the VDO Ecosystem, AUMOVIO is presenting a fully connected system for digital tachograph and fleet management. At its heart is the smart tachograph DTCO 4.1a, which meets all the requirements of EU Mobility Package, including the use of certified GNSS position data via Galileo OSNMA. The system is complemented by the new VDO Link, a plug & play solution that enables tachograph and vehicle data to be downloaded and processed remotely in real time – without the need for permanently installed telematics. The collected data is transmitted via mobile communications directly to the cloud-based VDO Fleet platform, where it is made available to fleet operators in an intuitive user interface. The new VDO Fleet App allows legally required mass memory downloads, manual additions, or violations to be handled just as efficiently and automatically as track & trace applications or driver availability analyses. The system's open interface concept also allows the integration of external partner solutions and opens up additional fields of application – from the automated comparison of driving and rest times to the optimization of an entire vehicle fleet's utilization.



The VDO Ecosystem seamlessly connects tachographs, fleet management and workshops.

AUMOVIO_PP_VDO_Ecosystem

Think connectively, act systemically – AUMOVIO as your partner

The solutions presented are part of AUMOVIO's systemic approach: they support vehicle manufacturers and fleet operators in complying with legal requirements and reducing operating costs while increasing safety and comfort. With its comprehensive system expertise and many years of experience in the automotive sector, AUMOVIO is a reliable partner for mastering the daily challenges of modern bus mobility in a safe and structured manner.

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