AUMOVIO to unveil smart agricultural technologies at AGRITECHNICA 2025

* **AUMOVIO to make its debut with safe, connected and autonomous mobility solutions at the AGRITECHNICA 2025 at Hannover this year**
* **Several products with a focus on future of agriculture - powered by perception, engineered with purpose, will be showcased at the fair**
* **The most notable products include AI-based plant detection, high-efficiency seeding robot, smart cockpit HPC and ProViu(R) 360 Gen 3**

Frankfurt, Germany, October 22, 2025. At AGRITECHNICA 2025, AUMOVIO is showcasing advanced technologies tailored to the evolving needs of the agriculture sector. From autonomous seeding robots to AI plant detection by AUMOVIO Engineering Solutions, and from immersive cockpit solutions to keyless entry innovations, AUMOVIO’s solutions are driving the future of smart farming.

**AI-powered weed detection for precision agriculture**

The AI weed detection system, now available as a software module, showcases cutting-edge AI-based plant detection. This solution processes optical sensor data in real time, enabling precise weed targeting without compromising machine speed or efficiency. Powered by adaptive algorithms, the system can be improved through software updates and training to adapt to new weed types, crop varieties, and regional conditions.

**Automated sowing for optimal results**  
Keeping in view the serious impact of climate change, with forest fires and the ongoing clearing of forests, the restoration of ecosystems has become urgent. To deal with this, AUMOVIO has prototyped a high efficiency seeding robot, developed in collaboration with Land Life. This automated system can perform drilling, seeding, and soil covering in minutes, enabling large-scale, consistent plantation. Its versatility makes it ideal not only for reforestation but also for sowing cover crops, specialty plants, and regenerative agriculture projects, offering a scalable solution for climate and biodiversity protection.

**Enabling 360 surround view for enhanced safety**

To enhance safety in off-highway and commercial vehicle operations, AUMOVIO presents the ProViu®360 Gen 3 surround-view system. By merging four camera feeds into a seamless bird’s-eye view, it provides operators with a full 360° perspective, minimizing blind spots and improving awareness of nearby pedestrians and objects. The dynamic 3D surround-view feature allows users to navigate around the vehicle using intuitive touch gestures, offering multiple viewing modes for enhanced situational awareness. The system can also be extended with AUMOVIO’s ultrasonic sensors, providing additional proximity detection and further enhancing safety around the vehicle.

**Digital camera monitor system for improved visibility and safety**  
AUMOVIO is presenting its **ProViu® Mirror** digital camera monitor system, designed to replace traditional side mirrors on agricultural and commercial vehicles. The system uses high-definition cameras and cabin displays to provide a clear, real-time view of the vehicle’s surroundings, enhancing operator awareness and minimizing blind spots. Its modular design allows adaptation to different vehicle types and operational needs, improving safety in challenging environments and adverse weather conditions.

**Smart cockpit, keyless entry and cabin monitoring for off-highway applications**

Also featuring at the event are AUMOVIO’s Smart Cockpit High Performance Computer (HPC), head-up display, CoSmA keyless entry solution, cabin monitoring system, MultiViu[®](https://www.aumovio.com/en/solutions/user-experience/display-solutions-/displays-for-heavy-duty-vehicles.html) Professional Display Solution, and tractor cabin components designed to elevate operator experience and vehicle functionality in challenging agricultural environments. These solutions integrate seamlessly and support productivity, security, and user-friendliness.

Since its spin-off in September 2025, AUMOVIO continues the business of the former Continental group sector Automotive as an independent company. The technology and electronics company offers a wide-ranging portfolio that makes mobility safe, exciting, connected, and autonomous. This includes sensor solutions, displays, braking, and comfort systems, as well as comprehensive expertise in software, architecture platforms, and assistance systems for software-defined vehicles. In the fiscal year 2024, the business areas, which now belong to AUMOVIO, generated sales of 19.6 billion Euro. The company is headquartered in Frankfurt, Germany and has over 86,000 employees in more than 100 locations worldwide.

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Pictures & captions

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| Ein Bild, das draußen, Baum, Himmel, Traktor enthält.  KI-generierte Inhalte können fehlerhaft sein.  Ein Bild, das draußen, Baum, Rad, Gras enthält.  KI-generierte Inhalte können fehlerhaft sein. | AUMOVIO’s smart agricultural technologies combine AI, robotics, and precision sensors to optimize planting, monitoring, and safety, driving the future of sustainable farming.  AUMOVIO Engineering Solutions’ high-efficiency seeding robot performs drilling, sowing, and soil covering in under a minute per cycle, enabling scalable reforestation and regenerative agriculture projects.  AUMOVIO’s ProViu® 360 Gen 3 merges four camera feeds into a seamless bird’s-eye view, minimizing blind spots and enhancing operator safety in off-highway and commercial vehicles. |
|  | AUMOVIO’s Smart Cockpit HPC integrates displays, head-up technology, and cabin monitoring to elevate operator experience and productivity in challenging agricultural environments. |
|  | Digital vision for maximum safety: With ProViu® Mirror, AUMOVIO replaces traditional side mirrors with high-resolution cameras – for enhanced all-around visibility, reduced blind spots, and greater safety in all weather conditions. |