

Las Vegas, January 9, 2024

AT CES 2024, PLASTIC OMNIUM PRESENTS ITS LATEST INNOVATIONS FOR TOMORROW'S MOBILITY

At CES 2024 in Las Vegas, Plastic Omnium, world-leading provider of innovative solutions for mobility, introduces three innovations resulting from partnerships with Sonatus, EyeLights and Paravision, aimed at breaking down the traditional boundaries of the automotive industry and laying the ground for tomorrow's mobility.

Laurent Favre, Plastic Omnium's Chief Executive Officer, says: *"Innovation is at the heart of our strategy. Through these three partnerships, Plastic Omnium adds intelligent functions - displays, sensors, lighting - into body panels to enhance the driver experience, making it safer, smarter and more appealing."*

Intelligent management of rear lights with Sonatus, a major player in the Software Defined Vehicle ecosystem

Plastic Omnium and Sonatus together bring intelligence to enhance dynamic vehicle lighting. The solution developed with Sonatus enables monitoring and retrieving information from various onboard sensors in the car to interpret situations that may arise on the road. Using Sonatus Automator, vehicle sensors can automatically trigger animated informational or warning messages without driver action on Plastic Omnium mini-LED display in the rear light assembly of the vehicle. For example, if the driver encounters pedestrians crossing the street, a "pedestrian crossing" visual animation is displayed on the rear of the vehicle to inform the car behind to be cautious, even before the driver begins braking. This automated capability adds intelligence to dynamic vehicle lighting systems to improve safety and driver convenience on the road.

Plastic Omnium and EyeLights team up to showcase high-brightness and high-resolution smart tailgate

Plastic Omnium innovates with the EyeLights startup to offer a groundbreaking technology: a high-definition, high brightness display capability at the rear of vehicles. The technology aims to better communicate with the vehicle surroundings, short and long distances and in any weather conditions. Whether during a sudden slowdown or to signal an object on the road, the technology developed with EyeLights, combined with the expertise of Plastic Omnium, will enhance safety for all road users.

Facial recognition built with Paravision

Paravision's facial recognition technology creates a template of vehicle owners' faces, and will only allow registered and authorized persons to access the vehicle. Notably, the technology does not store the photographs; instead, it mathematically processes the created face templates, significantly enhancing accuracy and reliability (achieving a better than 99.8% success rate for registered individuals). Plastic Omnium incorporates these capabilities into various vehicle components and auto body parts by integrating sensors between the vehicles front and rear doors, and the roof module. This innovative solution substantially minimizes fraudulent activities, as the vehicle remains inaccessible without the presence of the genuine driver's face.

About Plastic Omnium

Plastic Omnium is a world-leading provider of innovative solutions for a unique, safer and more sustainable mobility experience. Innovation-driven since its creation, the Group develops and produces intelligent exterior systems, customized complex modules, lighting systems, clean energy systems and electrification solutions for all mobility players. With €9.5 billion economic revenue in 2022 and a global network of 150 plants and 43 R&D centers, Plastic Omnium relies on its 40,500 employees to meet the challenges of transforming mobility.

Plastic Omnium is listed on Euronext Paris, compartment A. It is eligible for the Deferred Settlement Service (SRD) and is part of the SBF 120 and CAC Mid 60 indices (ISIN code: FR0000124570). www.plasticomnium.com

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