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Valeo and Capgemini collaborate for the testing and validation of a new Advanced Driver Assistance System

Paris, September 4, 2025 – Valeo, the global leader in Advanced Driver Assistance Systems (ADAS) and Capgemini today announced a new collaboration for the testing and validation of a new, complete, and integrated ADAS system up to Level 2+[1]. With this solution, Valeo and Capgemini address a major challenge in modern mobility: reinforcing safety around vehicles to help reduce accidents, improve driver assistance and advance the development of autonomous vehicles.

Valeo's new ADAS system enhances the end-user experience through safer, more comfortable and intuitive driving. It integrates a 360-degree sensor suite of cameras and radars with software-defined capabilities. By combining sensors, software intelligence, and engineering services into a turnkey, all-in-one solution, Valeo enables manufacturers to simplify development, accelerate time-to-market, and optimize costs. This new architecture will enter into production in 2028 for a major OEM.

To ensure the seamless operation of all functionalities within the vehicle's intricate environment, Valeo will leverage its unique capability to bring together world-class hardware, expertise in software development and complex system integration capabilities. The unprecedented level of integration of Valeo's new ADAS system solution will take testing and validation to the next level. Capgemini will support this endeavor by delivering end-to-end services from system and software development to data-driven verification, validation, and homologation. Through this collaboration, Capgemini will contribute to testing, validation and execution processes as well as provide data service solutions. With large-scale global data collection campaigns[2], robust data platforms, meticulously defined test procedures, and the strategic application of AI and augmented engineering, it will bring quality, speed, and productivity to the development of the new system.

Joachim Mathes, Chief Technology Officer of Valeo Brain division said, "*Ensuring seamless integration and robust testing is crucial for safety on the road. We are proud to leverage our complex systems integration expertise to deliver cutting-edge solutions that drive innovation and performance in the automotive industry. With this ADAS system, Valeo is taking ADAS to the next level and we are looking forward to working with Capgemini to deliver the best and most reliable solution to drivers worldwide.*"

Fabienne Lefever, Head of Automotive Industry, Capgemini Engineering comments, "*Capgemini is proud to bring its end-to-end capabilities to this collaboration with Valeo, to accelerate the integration and validation of ADAS systems - from chip to cloud. Together with our Gen AI powered augmented engineering approach and our global expert teams, combined with Valeo's ADAS expertise, this new initiative reinforces our shared commitment to advancing safer, data-driven mobility solutions and further strengthens our existing relationship with Valeo.*"

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[1] Level 2 ADAS, classified by SAE International as partial automation," provide steering and brake/acceleration support to the driver

[2] Global data collection campaign in Automotive refers to the ability to gather, analyze, and interpret data from varied geographies according to local car brands specificities and local regulations. This comprehensive approach to data collection provides benefits that drive strategic decision-making, enhance competitive advantage, and foster innovation.

Testing, validation and data cloud platform: The foundation of ADAS safety and performance

Testing of such an integrated and comprehensive ADAS system goes beyond individual sensor assessment. It requires validating the entire system, ensuring performance and interaction of all interconnected elements to reinforce the integrity of these highly sophisticated and safety-critical functionalities.

Valeo has already proven its capability to test and validate the most complex systems, particularly LiDAR and Imaging Radars. It is the only company with two Level 3 driving systems homologated, thanks to its deep understanding of vehicle systems and ADAS functions, coupled with its ability to precisely tune user functions for optimal performance. The inherent adaptability and flexibility of Valeo's solutions allow for rapid adjustments to meet specific client requirements, while its proven expertise in regulatory and safety standards is crucial for successful vehicle homologation.

About Valeo

Valeo is a technology company and partner to all automakers and new mobility players worldwide. Valeo innovates to make mobility safer, smarter and more sustainable. Valeo enjoys technological and industrial leadership in electrification, driving assistance systems, reinvention of the interior experience and lighting everywhere. These four areas, vital to the transformation of mobility, are the Group's growth drivers.
Valeo in figures: 21.5 billion euros in sales in 2024 | 106,100 employees, 28 countries, 155 plants, 64 research and development centers and 19 distribution platforms at February 28, 2025. Valeo is listed on the Paris Stock Exchange. Learn more at www.valeo.com

About Capgemini

Capgemini is a global business and technology transformation partner, helping organizations to accelerate their dual transition to a digital and sustainable world, while creating tangible impact for enterprises and society. It is a responsible and diverse group of 350,000 team members in more than 50 countries. With its strong over 55-year heritage, Capgemini is trusted by its clients to unlock the value of technology to address the entire breadth of their business needs. It delivers end-to-end services and solutions leveraging strengths from strategy and design to engineering, all fueled by its market leading capabilities in AI, generative AI, cloud and data, combined with its deep industry expertise and partner ecosystem. The Group reported 2024 global revenues of €22.1 billion. Get The Future You Want | www.capgemini.com