VALEO SIGNS MAJOR CONTRACT WITH THE BMW GROUP
IN ADVANCED DRIVING ASSISTANCE SYSTEMS

Valeo and the BMW Group have entered into a major collaboration for which Valeo will provide the ADAS domain controller, sensors and software for parking and maneuvering for BMW's upcoming platform generation "Neue Klasse"*, due to launch in 2025.

Valeo will develop and produce the ADAS domain controller capable of managing all data flows from all ADAS sensors in BMW Group vehicles based on the "Neue Klasse" platform. All driving assistance functions will be hosted and processed by the Valeo ADAS domain controller, which will be powered by Qualcomm Snapdragon SoCs**. The ADAS domain controller will host Valeo’s software platform for low-speed maneuvering, as well as software assets from BMW and Qualcomm for driving automation.

Equipped with some of the most powerful automotive processors in the market, the system being developed by Valeo, BMW Group and Qualcomm is able to obtain real-time mapping and understanding of the car's surroundings as well as the interior of the vehicle. New features and upgrades will be added throughout the car's lifecycle.

Dr. Nicolai Martin, Senior Vice President Driving Experience BMW Group commented: "This collaboration between BMW Group and Valeo builds on the successful products we have been developing together over the last decades. It has been more than 30 years since we launched the BMW Park Distance Control as a world first, and about 15 years since BMW Group began offering its customers multi-camera viewing. Today, the new BMW 7 Series sets the standard for effortless and state-of-the-art driver assistance systems. We look forward to shaping the future together with Valeo through this close collaboration in our next generation for maneuvering and parking solutions."

Marc Vrecko, President of Valeo's Comfort & Driving Assistance Systems Business Group commented: "We are excited and proud to embark on this journey with our long-standing partners at BMW. Beyond the opportunities resulting from our integrated software stack, the domain controller itself is an important cornerstone in our strategy for safer and smarter mobility. BMW “Neue Klasse” will also feature the next generation of Valeo's ultrasonic sensors, the full set of surround view cameras, as well as a new multifunctional interior camera that will contribute to improved safety and create a new level of user experience."

This major contract between BMW and Valeo illustrates the profound transformation taking place in the automotive industry. Advanced Driver Assistance Systems (ADAS) are increasing in volume and allow the car to perceive its surroundings with ever greater precision. Software is increasingly prevalent and essential to managing the car itself as well as its range of sensors. As a result, powerful processors, such as the ADAS domain controller, are key to processing the vast amount of data collected and executing instructions.

* "Neue Klasse": the next generation modular platform for BMW electric vehicles.
** SoC: system on a chip.