

Qualcomm and Valeo accelerate software-defined vehicle shift with scalable ADAS and safety systems

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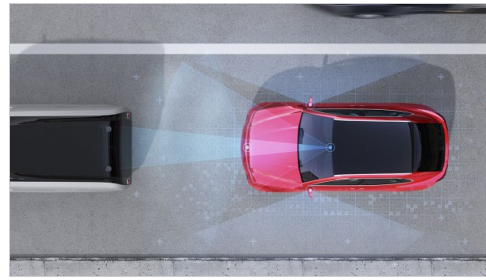
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The collaboration aims to offer solutions designed for functional safety and cybersecurity, with specialized middleware and services

Qualcomm Technologies and Valeo have expanded their collaboration to provide advanced driver assistance systems and automated driving solutions worldwide. This partnership integrates Qualcomm's Snapdragon Ride Pilot solutions and system-on-chips (SoCs) with Valeo's expertise in software and hardware systems, such as



Source: Getty Images

automatic parking algorithms and sensors. The collaboration aims to offer solutions designed for functional safety and cybersecurity, with specialized middleware and services.

Nakul Duggal, group general manager of Automotive & Industrial and Embedded IoT, Qualcomm Technologies, and Marc Vrecko, CEO of Valeo Brain, emphasized the importance of their partnership in meeting the increasing demand for scalable, safety-focused ADAS and automated driving solutions. Their collaboration seeks to accelerate innovation and bring advanced driving experiences to market efficiently. The technology offers automakers a flexible and future-ready platform, accommodating evolving driver expectations globally.

Drawing from successful launches with various automakers, Qualcomm and Valeo's pre-integrated ADAS solution aims to streamline vehicle implementation, addressing the need to expedite time to market for global car manufacturers. The system includes production-ready sensors, compute units and applications for automated driving features such as hands-off driving, automated parking and driver monitoring, adhering to New Car Assessment Program (NCAP) 5-star safety standards.

The scalable system supports diverse hardware configurations, from basic setups to high-performance computing for software-defined vehicles (SDVs). It integrates ADAS and in-vehicle infotainment (IVI) into a single unit powered by the Snapdragon Ride Flex SoCs, reducing complexity in deployment.

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