

Bosch and Qualcomm expand collaboration to strategic ADAS solutions

Cockpit Computers: 10 million units delivered

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- ▶ High performance solutions: Bosch and Qualcomm aim to make ADAS solutions for enhanced safety and comfort available to everyone.
- ▶ Continued Business Momentum: Collaboration has secured significant new business wins for both next-generation ADAS and cockpit solutions.
- ▶ Proven Global Success: Bosch delivers over 10 million cockpit computers powered by Snapdragon® Cockpit Platforms.
- ▶ Global Market Penetration: Deliveries span all vehicle segments from entry to premium, serving both regional and global automakers.

Stuttgart, Germany / San Diego, USA – Bosch and Qualcomm Technologies, Inc. announced today that they are expanding their strategic partnership, which has focused on vehicle computers for cockpit solutions, to also include ADAS solutions. Together, Bosch and Qualcomm Technologies are helping address one of the industry's most pressing needs – scaling intelligent vehicle technology to meet growing consumer demand for vehicles that are automated, connected and highly personalized. The companies also highlighted a significant milestone in their longstanding collaboration: Bosch has developed and delivered more than 10 million vehicle computers based on Qualcomm Technologies' Snapdragon Cockpit Platforms for the global automotive market.

“By combining leading-edge compute technology with our system integration expertise – hardware, software, and safety – we enable automakers to meet the rising demand for personalized, safe, and comfortable driving experiences,” said Christoph Hartung, Member of the Bosch Mobility business sector board, Chief Technology Officer for Systems, Software, and Services, and President of the division Cross-Domain Computing Solutions. “The growing success of our collaboration with Qualcomm Technologies underlines a central value Bosch brings to the industry: we provide the robust, high-performance computing platforms that form the backbone of today's software-defined vehicle.”

“Our collaboration with Bosch spans the full spectrum of vehicle compute – from high-performance cockpit systems to scalable automated driving solutions and emerging centralized vehicle architectures – all powered by Snapdragon® Digital Chassis™ automotive platforms,” said Nakul Duggal, EVP and Group GM, Automotive, Industrial and Embedded IoT, and Robotics, Qualcomm Technologies, Inc. “ADAS is where performance and safety must scale in the real world. By expanding our work with Bosch into production-ready ADAS platforms, we’re helping automakers bring advanced driver assistance across vehicle lines more efficiently, with a clear path to centralized compute.”

Building on this momentum, the companies are extending their collaboration through new ADAS production programs. These programs leverage Bosch’s cost optimized vehicle computer architecture, powered by Qualcomm Technologies’ Snapdragon Ride™ platform, to support practical and scalable ADAS deployments. The collaboration also includes purpose built combined cockpit and ADAS platforms supporting mixed criticality applications delivered on a single system-on-chip, unique to Snapdragon Ride™ Flex SoCs, aligning with automakers’ software-defined vehicle strategic initiatives. At the core of these programs is the Bosch ADAS integration platform – a scalable, modular vehicle computer designed for ADAS functions. With high bandwidth, computing power, and memory management, it meets strict safety and security standards, fuses multiple sensor technologies for a precise 360° environment model, and runs complex algorithms to deliver safe, dynamic vehicle behavior—even at high speeds.

The Next Frontier: Jointly Engineering the Future of ADAS

Bosch and Qualcomm Technologies’ joint approach is delivering scalable, cost-optimized vehicle computers with ADAS solutions that have secured multiple global customer design wins in the East Asian market. These joint efforts provide automakers with critical flexibility and a clear migration path to centralized computing architectures featuring a small number of highly powerful vehicle computers instead of many individual control units. Powered by the scalable Snapdragon Ride Platform from Qualcomm Technologies, Bosch’s vehicle computers support for a broad range of configurations – from entry-level ADAS, such as speed and distance regulation or lane keeping, to advanced automated driving systems. The first vehicles from these new business wins are expected on the road in 2028.

In addition, ADAS and cockpit solutions can also be consolidated onto a single platform to give automakers even greater flexibility and reduce architectural complexity. To this end, Bosch and Qualcomm Technologies are also working on solutions using existing products: Snapdragon Ride™ Flex builds on this

foundation by enabling the consolidation of cockpit and ADAS functions onto a single, safety-certifiable SoC, reducing system complexity, power consumption, and cost while giving automakers a path toward centralized compute architectures. Bosch's cockpit and ADAS integration platform combines the system functions for assisted and automated driving and infotainment like personalized navigation and voice assistance functions in one high-performance computer.

Both the ADAS and cross-domain computing solutions are designed to meet stringent safety requirements (up to ASIL-D) while reducing complexity and cost. For drivers, this means greater access to advanced Level 2 driving features like lane keeping, hands-free driving, and intelligent automated parking.

A story of successful collaboration: defining the modern digital cockpit

The collaboration between Bosch and Qualcomm Technologies is re-defining the modern digital cockpit by serving the full spectrum of both the regional and global automotive market across North America, Asia and Europe. This approach has driven exponential growth since first deliveries began in 2021, scaling from one million units in 2023 to ten million in less than three years, fueled by successful program awards with vehicle manufacturers worldwide. The delivery milestone underscores the companies' shared ability to industrialize advanced automotive technologies at global scale for the software-defined vehicle era, spanning entry-level to premium vehicles. The success is rooted in Bosch's flexible and scalable approach, leveraging Snapdragon Cockpit Platforms. The Bosch cockpit integration platform can drive an increasing number of in-vehicle displays and camera inputs. Qualcomm Technologies' Snapdragon Cockpit Platforms combine high-performance compute with power-efficient design to enable a wide range of vehicle experiences. That includes crisp, essential displays in cost-optimized systems up to premium systems featuring ultra-low-latency HMI responsiveness, multi-display configurations, immersive multimedia, AI-powered conversational voice assistance, and higher levels of personalization – while maintaining efficiency across vehicle segments.

Press photos and info charts are available on the Bosch Media Service at www.bosch-press.com.

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About Bosch

Mobility is the largest Bosch Group business sector. According to preliminary figures, it generated sales of 56 billion euros in 2025, and thus contributed around 62 percent of total sales. This makes the Bosch Group one of the leading mobility suppliers. Bosch Mobility pursues a vision of mobility that is safe, sustainable, and exciting. For its customers, the outcome is integrated mobility solutions. The business sector's main areas of activity are electrification, software and services, semiconductors and sensors, vehicle computers, advanced driver assistance systems, systems for vehicle dynamics control, repair-shop concepts, as well as technology and services for the automotive aftermarket and fleets. Bosch is synonymous with important automotive innovations, such as electronic engine management, the ESP anti-skid system, and common-rail diesel technology.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 412,000 associates worldwide (as of December 31, 2025). According to preliminary figures, the company generated sales of 91 billion euros in 2025. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. With its business activities, the company aims to use technology to help shape universal trends such as automation, electrification, digitalization, connectivity, and an orientation to sustainability. In this context, Bosch's broad diversification across regions and industries strengthens its innovativeness and robustness. Bosch uses its proven expertise in sensor technology, software, and services to offer customers cross-domain solutions from a single source. It also applies its expertise in connectivity and artificial intelligence in order to develop and manufacture user-friendly, sustainable products. With technology that is "Invented for life," Bosch wants to help improve quality of life and conserve natural resources. The Bosch Group comprises Robert Bosch GmbH and its roughly 490 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. Bosch's innovative strength is key to the company's further development. At 136 locations across the globe, Bosch employs some 82,000 associates in research and development.

Additional information is available online at www.bosch-press.com, www.bosch-mobility.com, www.bosch.com.

About Qualcomm

Qualcomm relentlessly innovates to deliver intelligent computing everywhere, helping the world tackle some of its most important challenges. Building on our 40 years of technology leadership in creating era-defining breakthroughs, we deliver a broad portfolio of solutions built with our leading-edge AI, high-performance, low-power computing, and unrivaled connectivity. Our Snapdragon® platforms power extraordinary consumer experiences, and our Qualcomm Dragonwing™ products empower businesses and industries to scale to new heights. Together with our ecosystem partners, we enable next-generation digital transformation to enrich lives, improve businesses, and advance societies. At Qualcomm, we are engineering human progress.

Qualcomm Incorporated includes our licensing business, QTL, and the vast majority of our patent portfolio. Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated, operates, along with its subsidiaries, substantially all of our engineering and research and development functions and substantially all of our products and services businesses, including our QCT semiconductor business. Snapdragon and Qualcomm branded products are products of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm patents are licensed by Qualcomm Incorporated.

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