

Bosch Engineering GmbH achieves AWS Competency

Recognition highlights expertise in developing and operating tailored cloud solutions for complex automotive challenges

November 05, 2025

PI 12023 BEG MBC/Cd

- ▶ Bosch Engineering provides comprehensive cloud solutions based on a combination of its automotive expertise and deep integration skills with the AWS Cloud
- ▶ RaceConnect from Bosch Motorsport demonstrates the company's competence in cloud integration
- ▶ AWS Automotive Competency status recognizes Bosch Engineering's expertise as a development partner across the entire product life cycle

Abstatt – A cloud-based infrastructure is crucial for tackling complex challenges in the automotive sector. It provides the flexibility and scalability needed to efficiently manage massive data volumes from test and fleet vehicles, connect global teams, and accelerate innovations in increasingly shorter cycles. As an AWS Automotive Competency Partner, Bosch Engineering brings the AWS-validated expertise that helps its customers execute projects efficiently, reduce the efforts involved in integration and coordination, and achieve significant time savings.

Bosch Engineering provides end-to-end support throughout the entire product life cycle, from the initial concept to operational field service. "By combining the flexibility of the AWS cloud infrastructure with our cloud integration expertise, we develop new features and functions that make vehicles safer, boost their performance, and further enhance the overall user experience," explains Timo Blon, Bosch Engineering GmbH.

Application areas: from the racetrack to sports cars

Bosch Engineering uses the power and scalability of the AWS cloud infrastructure to support vehicle functions that require high availability, low data connection latencies, and flexible adaptation of computing and storage resources. One example is Bosch Motorsport's platform RaceConnect, designed for race cars.

All stages for this solution – from concept development to the creation of specific functions such as telemetry, fleet management, and dashboards, all the way to operational deployment – have been successfully realized using the AWS Cloud.

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

Contact person for press inquiries:

Cornelia Dürr

Phone: +49 7062 911-1986

E-mail: Cornelia.Duerr@de.bosch.com

About Bosch Engineering GmbH

Bosch Engineering GmbH is a wholly owned subsidiary of Robert Bosch GmbH and is head-quartered in Abstatt, Germany. As a systems development partner to the automotive industry since 1999, the company offers development services for powertrains, safety and convenience systems, and electrical and electronic systems – from the original concept to series production. Specialized in electronics and software, it draws on Bosch's proven large-scale series production technology to develop tailored solutions for a wide variety of applications in passenger cars, commercial vehicles, off-highway and recreational vehicles, and in rail applications, ships, and industry. Bosch Engineering GmbH also coordinates all the Bosch Group's motorsports activities.

Additional information can be accessed at www.bosch-engineering.com.

Mobility is the largest Bosch Group business sector. It generated sales of 55.8 billion euros in 2024, 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 418,000 associates worldwide (as of December 31, 2024). The company generated sales of 90.3 billion euros in 2024. 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 87,000 associates in research and development.

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