

Media Information

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BMW Group to build on Android Open Source Project (AOSP) for “BMW Operating System 9”.

Munich. From 2023, the BMW Group will be launching an infotainment system based on Android Open Source for the first time — the “BMW Operating System 9”. The announcement was made by Stephan Durach, Senior Vice-President Connected Company and Development Technical Operations at the BMW Group, at the Automobil-Elektronik Kongress in Ludwigsburg. In this new variant of the “BMW Operating System”, the user experience, applications and user interface design are also developed and implemented in a BMW specific way.

The current version of “BMW Operating System 8” is based on Linux. Even for vehicles with the “BMW Operating System 9”, the so-called Shared Service Layer will continue to be Linux-based. This layer is used, for example, to control the Remote Software Upgrade, with which BMW has been able to upgrade every line of the vehicle software over-the-air since 2018. This includes the areas of infotainment, driving, driver assistance, comfort and safety.

“We are integrating the best aspects of all worlds – that could be our own in-house developments, Open Source or commercial software products, depending on what the specific solution looks like. We make sure our customers always enjoy a unique, customised digital experience in their vehicle,” according to the lead developer for the digital driving experience, Stephan Durach.

The different software platforms enable the infotainment systems to be customised for different vehicle segments.

Corporate Communications

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The BMW Group

With its four brands BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. The BMW Group production network comprises over 30 production sites worldwide; the company has a global sales network in more than 140 countries.

In 2021, the BMW Group sold over 2.5 million passenger vehicles and more than 194,000 motorcycles worldwide. The profit before tax in the financial year 2021 was € 16.1 billion on revenues amounting to € 111.2 billion. As of 31 December 2021, the BMW Group had a workforce of 118,909 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company set the course for the future at an early stage and consistently makes sustainability and efficient resource management central to its strategic direction, from the supply chain through production to the end of the use phase of all products.

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